

**The Connecticut School
of
Integrative Manual Therapy**

Course Catalog

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GOALS AND MISSION STATEMENT

The Connecticut School of Integrative Manual Therapy's mission is to present the art and science of recovery through teaching, learning and understanding. The purpose of our professional school is the preparation of men and women to become Integrative Manual Therapists who will then serve as integral healthcare providers nationally and internationally for the benefit of those whose ultimate goal is complete health recovery.

Integrative Manual Therapy Practitioners will serve as the foundation for the advancement of progressive healthcare into the 21st Century. Unlike other traditional and non-traditional programs, our curriculum changes to reflect the advancement of new knowledge obtained within our primary clinical practices. The teaching faculty is not vested in yesterday's knowledge, but rather looks toward tomorrow's information as today's quest. We are multi-denominational, cross-cultural, and non-racial in orientation.

Integrative Manual Therapy (IMT) is a science, philosophy and an art, which works to facilitate recovery from dysfunction through growth and development. IMT is an evolutionary process of study, research and practice. IMT maintains a complete respect for the inter-relationship of the important triad of body, mind, and spirit. IMT concerns itself with all facets of the individual person.

The Diploma Program is committed to prepare every graduate with the skills and ability to:

- a) Conduct ongoing clinical and academic research to help enhance the growing body of scientific knowledge related to IMT.
- b) Publish their research so that knowledge can be shared with any individual who has an interest in IMT.
- c) Encourage ongoing clinical research excellence through shared clinical experiences that form the foundation of that research, and as a basis for broadening the depth and breadth of new questions and challenges dealing with total recovery (body, mind, and spirit).
- d) Appreciate the importance of an integrated systems approach.
- e) Embrace the broad-based approach to client assessment and treatment.
- f) Question the "status quo" and to recognize that there is always hope for each and every client.

The curriculum is designed to:

- a) Develop in each student the knowledge to determine which treatment model is appropriate for a client.
- b) Assist the clinical academician to master a philosophical attitude which will allow them the ability to grow and adapt with the frequent changes in a challenging IMT curriculum.
- c) Instill in the clinical academician the importance of self-treatment.
- d) Provide clinical academicians with the functional knowledge of fellow healthcare providers.

INTEGRATIVE MANUAL THERAPY™ WITH AN INTEGRATED SYSTEMS APPROACH™

Integrative Manual Therapy is built upon an underlying philosophy known as the Integrated Systems Approach. Health care today is largely comprised of specialists that treat only specific systems of the body or use only specific modalities. At the CT School of IMT, we believe that a client's presentation, signs and symptoms, and level of function are affected by health or dysfunction across all body systems. While addressing low back pain, for example, only treating the spine may yield positive results for one patient but not for another. That's because the human body is a complex interaction of systems based on many interdependent factors. Since the body is essentially a 'system of interconnected systems', practitioners must be able to assess, diagnose and treat any and all systems in order to bring optimal results to the client as a whole - this is the Integrated Systems Approach.

The Integrated Systems Approach began in 1971 with the research of Sharon W. Giammatteo, Ph.D., P.T., I.M.T.,C. It was formally introduced in her first lecture on Structural and Functional Rehabilitation in 1981. It has been the focus of clinical research at CenterIMT Connecticut, and the focus of education at Dialogues in Contemporary Rehabilitation (DCR-see page 148). The Integrated Systems Approach is presented at all CT School of IMT and DCR courses.

Integrative Diagnostics with a Holistic Approach

The Integrated Systems Approach teaches us to use a total-body diagnostics process called Integrative Diagnostics and the system-specific technologies of Integrative Manual Therapy. A client might present symptoms of pain and limited motion of the left shoulder, for example. The Integrative Diagnostics process might reveal that the nerves are impinged at the shoulder, in which case the practitioner would apply Integrative Manual Therapy techniques specific to that system. If, on the other hand, Integrative Diagnostics indicates dysfunction in the region of the heart or the gall bladder contributing to the shoulder symptoms and limitations in function, then techniques specific to those systems would be applied instead. The concept of systems integration extends beyond the physical systems of the body. Indisputable evidence exists that physical health is also influenced by emotional, personal, mental, spiritual and other aspects of an individual's life. The Integrated Systems Approach embraces all of these aspects and related disciplines in a holistic process designed to yield the best possible results in individual, community and world health.

The Systems

Concepts of the Integrated Systems Approach as well as techniques to treat the specific systems of the body can be found in the coursework of DCR. The Integrated Systems Approach includes the following systems and more:

1. System of Biomechanics (joint integrity of the pelvis, sacrum, spine, and peripheral joints)
2. Musculoskeletal System
3. Connective Tissue System
4. Central Nervous System (brain and spinal cord)
5. Cranial System
6. Peripheral Nervous System

7. Visceral System (cardiac, digestive, urogenital, immune, pulmonary, detoxification, and more)
8. Circulatory Systems (arterial, venous, and lymphatic)
9. System of Energy
10. Body/Mind Systems

The Audience

The Integrative Manual Therapy Approach can be learned by physical therapists, occupational therapists, massage therapists, speech therapists, physicians, learning specialists, psychologists, nurses, wellness experts in body work, and more. It is used in hospitals, outpatient clinics, schools, as well as other institutions.

Structural and Functional Rehabilitation through IMT

IMT addresses rehabilitation in two categories: Structural Rehabilitation and Functional Rehabilitation.

Structural Rehabilitation improves structural integrity of the body. It addresses joint mobility, muscle tone, soft tissue flexibility, range of motion, muscle control and more. It corrects patho-anatomy in biomechanics of the spine and appendages, muscles, connective tissue system, organs, nervous system, blood vessels, lymphatic system and energetic structures.

Functional Rehabilitation restores functional outcomes according to the optimal potential of the client. It addresses balance, coordination, proprioception (internal joint sensation), exteroception (sensory capability), strength, endurance, hearing, vision, speech, smell, learning, behavior and more.

Structural Rehabilitation corrects anatomic dysfunction and influences physiology. It creates the potential for function. Functional Rehabilitation optimizes the patient's utilization of this function. The relationship between Structural and Functional Rehabilitation can be illustrated in the following analogy. Think of a child playing the piano. If the piano is out of tune, the music will sound poor. Even if the child is a master prodigy of the piano, the music will still sound poor because the structural integrity of the piano is lacking. It is always more efficient and effective to treat structure first - to tune the piano. Once the piano is tuned, the potential for good music is there, but the child may require some lessons. These lessons are Functional Rehabilitation. This Functional Rehabilitation will help the child to reach his/her potential in creating beautiful music.

A Summary

There is no 'one' single problem affecting a person, causing disability and pain, and inhibiting their function. Persons of all ages, cultures, and locations are composites of their past, present, and future goals. Emotional, personal, mental/cognitive, spiritual and other aspects of living contribute to healthy life-styles and goal-oriented function. Persons around the world are learning more every day about function and dysfunction. Accountability and responsibility for function and productivity belongs to everyone, rather than to the physician, the insurance company, and the drug vendor. Integrative Manual Therapy is more than structural and functional rehabilitation, more than Integrative Diagnostics, more than an Integrated Systems approach to correct dysfunction and improve function. It is an ever-expanding field contributing to all disciplines, who wish to improve home, community, and world health.

THE DIPLOMA PROGRAM

The Diploma Program in Integrative Manual Therapy is currently designed for the health care practitioner (i.e. MD, ND, DDS, DO, DC, nurse, body worker, massage therapist, PT, OT, AT,C, etc.) who wishes to augment his/her professional skills in Integrative Manual Therapy. The school is also designed for individuals who have little or no academic or professional background in health sciences and the delivery of health care. A challenging curriculum will allow the learner to obtain essential skills that could be used to work with family, friends, and loved ones. Although there is currently no formal recognition (i.e. licensure) of the Integrative Manual Practitioner by traditional allopathic personnel, future licensure and national accreditation will be explored on an ongoing basis. Recognition by health insurers has not yet been established, however, will be a focus for the future. Completion of this diploma program provides the student with the acknowledgement of an acquired competency from a rapidly expanding, but select, core of manual practitioners.

The curriculum includes several categories of coursework including structural, academic, and functional. Structural courses are offered through the Connecticut School of Integrative Manual Therapy. The academic and functional courses must be taken through another school, college or university and must be completed prior to graduation. Once all structural, academic, and functional requirements are met, the student will be issued a Diploma in Integrative Manual Therapy.

FACULTY

Instructors

Our teaching faculty is comprised of expert clinicians and worldwide leaders in the field of Integrative Manual Therapy. They bring to the school diverse clinical and academic backgrounds, which enhance the learning opportunities of the student. Instructors are Certified Integrative Manual Therapists, (I.M.T.,C.), and are dedicated to promoting higher education through their own ongoing participation in research and learning.

Administrative Board

This board is comprised of a panel of administrators and practitioners designed to facilitate the decision-making process of the school. Each member has a minimum of 15 years of clinical and/or administrative experience. The clinicians are world renowned practitioners in the field of Integrative Manual Therapy. The board is dedicated to upholding the standards of excellence as set forth in the school's Mission Statement.

Advisory Board

The advisory board is comprised of a panel of multidisciplinary professionals. The members are experts in their respective fields of study and have knowledge of and interest in Integrative Manual Therapy. This board is available to provide consultation to the Administrative Board on an ongoing basis in order to facilitate further growth and development of the school, students, and instructors.

Admissions Committee

This committee is comprised of the Dean and Director of Admissions along with ad hoc members (Teaching faculty of the school who are Certified Integrative Manual Therapists). The committee is responsible for reviewing all applications for admission.

FACILITIES

The Connecticut School of Integrative Manual Therapy is located at 800 Cottage Grove Road, Bloomfield, Connecticut, 06002. Our campus sits upon 3 acres of land, in a peaceful setting with a babbling brook and rolling hills. We are handicapped accessible with a ramp and ample parking. Our classroom building is approximately 8,000 square feet, designed with the student in mind. Spacious and well lit, our two 2,000 square foot lecture rooms provide optimal learning experiences for the students. Padded massage tables and comfortable chairs allow students to focus on the information presented. Eight lab rooms are also equipped with padded massage tables and provide students the opportunity to work in small groups, while still having close access to the instructor.

We provide nutritional refreshments throughout the day for all students. Our school offers a kitchen and bathrooms.

Our classes are designed such that two to three students sit at one table. Labs are designed to usually work in pairs. We encourage students to bring their own mats, pillows and/or blankets; however, they can be provided. The number of participants in each class is often limited in order to maintain an optimal learning experience for the student. Each course has a facilitator, who will assist students with school related questions, purchasing optional learning materials, and information regarding the surrounding area (i.e. hotels, restaurants, etc.).

Our library contains over 200 reference materials on a variety of topics ranging from Muscle Energy Technique to Physiology of the Brain.

Additional classroom sites are periodically utilized off campus. These courses are typically larger in student number and require a larger classroom facility. Three to four teaching assistants are often available at these larger courses to assure all students receive adequate assistance to facilitate their learning experience.

ADMISSIONS REQUIREMENTS

- Applicants must be at least 18 years of age and have a high school diploma or GED.
- An application for enrollment and all accompanying documents and fees as outlined in the Application Process must be completed prior to enrollment.
- Anatomy and Physiology (4 credit minimum) must be completed at an accredited school, college, or university, with a grade of C or higher. (If the course is Pass/Fail, a pass grade is required. If grading is offered, the student must take that option. A PASS grade will only be accepted if that is the only grading format offered by that institution.)
- Applicants must score a minimum grade of C or higher on challenge exams for each course submitted for credit.
An interview may be required, if deemed necessary by the Dean, based on review of the application.

APPLICATION PROCESS

The application process includes:

- 1) Completed application form, including 3 essay questions.
- 2) Receipt of official transcripts from accredited schools, colleges, or universities.
- 3) Course certificates and/or descriptions of life experiences applicable towards credit.
NOTE: Once these are received, the prospective student will be sent information regarding challenge exams for those courses they wish to grandfather in for credit. A minimum grade of C or higher on each exam will be required for credit towards the diploma. A student may be accepted into the program prior to completion of the challenge exams, however, they must be complete before a diploma will be issued.
- 4) 1 letter of recommendation.
- 5) Interview process, as deemed necessary by the Dean/or Director of Admissions, based on review of the application.
- 6) Non-refundable fee of \$100.00, payable to the Connecticut School of Integrative Manual Therapy.
- 7) Applicable fees for grandfathering in courses, payable to the Connecticut School of Integrative Manual Therapy (\$25.00 per course/\$125.00 maximum per submission). No refunds will be given for those courses not accepted for credit.

Application for Admission and all materials should be sent to:

Admissions Office, CT School of IMT
800 Cottage Grove Rd., Suite 211
Bloomfield, CT 06002

Applicants are approved or denied for matriculation by the Admissions Committee and will be promptly informed of their status once the application process is complete.

FULL TIME/PART TIME STATUS

Policy: In order to achieve full time status, a student must pre-register and commit to taking a minimum of 16 credit hours of CSIMT required courses per calendar year. These 16 courses are preferably taken during the Academic Intensives in Connecticut, however, they may be taken anywhere.

If a student does not meet or maintain the 16 hour minimum requirement per year, the student's status will change to part time. The student will then be responsible for the appropriate part time course fees.

Fees: Full time students receive a different rate per course than part time students. Refer to "Rate Schedule" for a full explanation. Note: Rate of course cost subject to change.

TUITION AND FEES

Course Deposits: A \$100.00 non-refundable deposit is required at the time of registration for each course. The balance will be due 45 days prior to the start of each course. If a student registers less than 45 days prior to the start date, payment must be made in full at the time of registration. Balance for each course must be paid in full prior to the start of each course.

Payments can be made via check, money order, and/or major credit card. All fees must be paid in U.S. dollars. There is a \$25.00 return check fee.

Course workbooks are provided at no charge. There are additional items for sale at each course, which can be purchased at any time after the student is enrolled in the program. These items are not required for the program, however, excellent supplements and resources are available. A list of items and prices will be available at each course.

Grandfathered Courses: Any courses taken prior to enrollment in the diploma program are subject to review by the Dean prior to acceptance for credit. There is a \$25.00 fee per course, with a maximum fee of \$125.00 for each submission. For example, if a student submits 10 courses on one date, and then 6 courses at a later date, they will be subject to the \$125.00 fee both times. If, however, the student submits all courses on the same date, they will pay a one-time fee of \$125.00. No refunds will be given if a course is not accepted for credit towards the diploma. Any rulings regarding grandfathered courses may be immediately appealed through the Administrative Board.

Total Tuition for the 67 credit hours required through the Connecticut School of Integrative Manual Therapy is approximately \$22,800.00 (this cost includes 4 credit hours (40 contact hours) of required experiential treatment at a special student rate of \$120.00/hour = \$4,800.00). Each student will be required to pay the appropriate clinic where treatments are being received at the time of service. This treatment must be received from an I.M.T.,C. Total cost to each student will vary depending on the number of previously taken courses, which are subject to the grandfather fee.

Academic and Functional Credits (24 credit hours): These courses are required, however, they are not offered through the Connecticut School of IMT. See "curriculum", page 14, for explanation regarding these credits. Any and all fees incurred by the student must be paid to the appropriate institution. Outstanding balances towards these credits will not affect graduation.

All fees due to the Connecticut School of IMT must be paid in full prior to graduation.

FINANCIAL ASSISTANCE

Although the school does not offer financial assistance, arrangements for an individualized payment plan for each student can be made through the Admission's Office. We accept personal checks and major credit cards. Out of state students will pay the same fees and tuition as in state students. All courses taken will be paid in U.S. dollars.

SCHOLARSHIPS

Scholarships are available to employees of the Connecticut School of IMT and Dialogues in Contemporary Rehabilitation (DCR). These are determined by DCR (NOT by the Connecticut School of IMT) on an individual basis.

ACADEMIC POLICIES AND PROCEDURES

Transfer of Course Credits

The core academic course requirements (Kinesiology, Pathophysiology, Neuroanatomy, Psychology, and Growth and Development) will be met through courses taken at an accredited college, school, or university. Official transcripts from these institutions must be mailed directly from each institution to the Connecticut School of Integrative Manual Therapy Admission's Office. These transcripts must be of recent issue and clearly indicate all course credits. The Admission's Committee on an ongoing basis will review official transcripts, for approval for credit. Only courses with a grade of 'C' or higher will be considered for approval. If the course is Pass/Fail, only a Pass will be accepted. (If grading is offered, student must take that option. A PASS grade will only be accepted if that is the only grading format offered by that institution.) Individual courses offered through DCR and Northeast Seminars (NES) will be accepted for credit toward the Diploma in Integrative Manual Therapy, and do not require a transcript, however, a copy of the course certificate and the challenge exam results (see Grading Policy) must be kept in the student's records in order for the student to receive credit for each course. The courses taken at other institutions, applicable to the Diploma in Integrative Manual Therapy structural, functional, or academic concentrations, will be subject to approval by the Dean. If a course is not approved initially, the student may appeal the decision. Once the Dean reviews the course material and discusses the content with the student and Administrative Board if necessary, a final decision will be rendered.

Note: Due to extensive lab time, 1 credit hour = 10 contact hours for DCR courses. 91 total credit hours are required for graduation: 67 credits are offered through the CT School of IMT (structural and diagnostic courses); 14 credit hours of academic/basic sciences and 10 hours of functional electives are NOT offered through the CT School and must be taken through another institution prior to graduation.

DCR courses:

Students who have taken courses through Dialogues in Contemporary Rehabilitation (DCR) and have passed the challenge exam will be grandfathered in for course credit, after a passing grade on a challenge exam is received (see Grading Policy). Other courses will be subject to approval by the Dean.

NOTE: Each course grandfathered in will have a one-time fee of \$25.00, with a maximum fee of \$125.00 per submission, as outlined above under Tuition and Fees.

Attendance Policy

It is the student's responsibility to attend all classes and labs. If a student has to miss any more than two hours from a three to four day course, they will be required to make up the missed time, and may be required to repeat the course, based on the instructor's recommendation. Students missing less than two hours must make arrangements with the class instructor on how to make up the time. It is at the instructor's discretion as to how the missed time will be made up. The instructor reserves the right to require the student to repeat part of or the entire course. Since the majority of courses end on Sunday afternoons, travel plans should be made so as to not miss the last several hours of the

course. No student will be allowed to get missed information from any other student in the program without written consent from the instructor. A record of each student's attendance will be kept in his or her file. Refer to the cancellation policy for information regarding refunds.

Cancellation/Refund Policy

Students may at any time cancel a course or withdraw from the program. Notice of withdrawal may be submitted to the school verbally or via a written notice; however, it is based on the last date of verifiable attendance.

Cancellation prior to the first day of class: All fees paid, minus the \$100.00 non-refundable deposit per course, will be refunded within 30 days of the withdrawal date.

Students who do not show for a scheduled course: Course must be paid in full; however, the student will be able to attend that course at a later date at no additional charge.

Students who attend any part of a class, but are unable to complete the course for any reason, will be given the opportunity to repeat the missed portion of the course at a later date at no additional charge.

Students who voluntarily withdraw prior to or during a course or who are terminated from the program due to unsatisfactory conduct (as outlined in "Student Code of Conduct") will be given a prorated refund of any monies paid for that course. Money paid for future courses will be refunded in full, minus the \$100.00 non-refundable deposit per course. Refunds will be paid within 30 days of the notice of withdrawal/termination.

Termination/ Re-Admission Policy

Once the applicant has been admitted to the school and has signed a completed Enrollment Agreement, termination in the program can be made either by the student or the school at any time. The school reserves the right to dismiss any student whose conduct is deemed unsatisfactory, as outlined in the Student Code of Conduct.

Immediate Dismissal: Students who are found in possession of weapons or illegal drugs while on school property; who willfully threaten or cause any student or staff member physical or emotional harm; or who destroy school property, will be dismissed immediately.

Re-admission: In cases of immediate dismissal, students must wait a period of at least one year before they will be considered for readmission. They must then re-apply and submit a written statement as to why they should be considered for readmission and, if appropriate, any corrective actions taken by the student as to prepare them for re-entry into the program. All application processes and fees will apply.

Disciplinary Action: In cases of unsatisfactory conduct, including, but not limited to: academic theft, failure to abide by the student code of conduct, plagiarism, slander towards the School or instructors, dishonesty, insubordination to a staff member, or disruption of

class or other activity, the policy is as follows: At the time of the incident, the staff member will issue the student a verbal warning regarding his/her conduct. This warning, along with the date, incident, and action taken, will then be documented in the student's file. If the student gets 3 verbal warnings, the staff member will present the student's case to the Dean for review. It will be up to the discretion of the Dean which action will be taken. There will be 2 options: 1) Probation: The student will be asked to write a report to the Administrative Board stating why they wish to continue with this program. At the Dean's discretion, the student may also be requested to seek further assistance (i.e. self treatment, etc.) Probation will last for at least 6 months. If, during this time, the student is issued one more verbal warning, they will be dismissed from the school. 2) Dismissal: The Dean may inform the student at the time of dismissal of any necessary actions the student must perform in order to return to the School at any time in the future.

Re-admission: If the student was dismissed for unsatisfactory conduct, they must wait a period of at least 6 months before they will be considered for readmission. All students applying for readmission will require written documentation as to any and all corrective actions taken by the student in order to regain reentry into the program. The student must then re-apply. All application processes and fees apply.

In both cases, it will be up to the discretion of the Administrative Board, with notification by the School's Dean, as to the status of the applicant. Readmission may or may not be granted.

If a student voluntarily withdraws from the program, they may re-enroll at any time. They must complete a new Application for Enrollment and all appropriate fees will apply.

Grading System

All structural and diagnostic courses will include a written test upon completion of the course. A letter grading system will be used, with a passing grade of C. This grading system will correspond with a numerical system in order to determine the grade point average (A=4.0/100; B+=3.5/90; B=3.0/80; C=2.0/70). Students will be informed of their test grade at the time of the exam. If a student does not pass a course, they will be required to repeat that exam and must score a C or above prior to graduation. If a student wishes to repeat a course at any time, they will not be required to repeat the exam (once they have passed the initial exam).

Each instructor will have a full class roster to evaluate students to determine if concepts and techniques taught have been successfully learned. It will be a requirement of the instructor to familiarize himself/herself with each student. Students will have the opportunity to interact with the instructors during lecture and lab. The information presented in each course is meant to provide the student with a demonstration of technique potential; the intention is not to have each student treated during the courses. Therefore, a core component of all structural, functional and diagnostic courses is self-study beyond the course.

Written exams will be administered on the final day of each course. Students will be required to show adequate understanding of the concepts, theory and techniques presented

in each course. A minimum grade of C will be required for credit for the course and is based on a minimum of competency in didactic and practical observation by the instructor. Although a formal lab practical will not be held, the instructor will be continually assessing each student's competency on techniques throughout the course.

If the student's exam grade is below a C, no credit will be issued towards graduation until a passing grade is received. If the instructor feels the student needs a more clear understanding of the basic concepts and treatment techniques presented in the course, the instructor may strongly recommend the student repeat that course prior to graduation. If the student fails the written exam, they will be required to repeat the exam prior to receiving credit.

Academic Support

It is the student's responsibility to inform the instructor if they are having difficulty with course concepts and constructs. The instructor will provide the student with supplemental resources for acquisition of appropriate skill levels with those concepts. In the event that a student continues to have difficulty with the material, study groups or tutoring may be arranged. While much of mastering this material is done outside of the classroom through self study and practice, basic understanding and utilization of said material will be assessed by the instructor.

Students will be given ample opportunity to acquire academic and practical knowledge. If it is apparent to the instructor that the student has been unable to gain satisfactory utilization of didactic or practical portions of the material, despite repeating courses, and having been privately tutored by a senior Certified Integrative Manual Therapist (I.M.T.,C), a personal interview will be conducted by the Dean to determine the future participation of that learner in the program.

Grandfathered Courses (Credit for courses taken prior to enrollment in the Program)

Students must take challenge exams for each course they wish to grandfather in for credit. These exams will vary in length and content, but will require the student to demonstrate adequate understanding of the concepts presented in each course. Review packets may be available for these courses, and a minimum score of "C" will be considered a passing grade.

All courses, whether or not grandfathered in, must be accompanied by a passing grade prior to graduation from the program.

Note: The diploma is not a reflection of competency. It means the student has met the minimum requirements for graduation.

Student Code Of Conduct

The Code of Conduct has been established by the School to protect its educational purpose, to provide an optimal and safe learning environment for both the students and instructors, and to uphold the highest standards of educational excellence. The School's foundation is based on integrity, honesty, and a high degree of ethical conduct. All students, instructors and staff are requested to accept responsibility for themselves and to respect the rights of others.

Each student is requested to show courtesy and respect for their peers, school instructors and staff, school property, and course information. Course information includes, but is not limited to, all written and verbal information given to students through lecture and lab. This information, as well as the techniques taught, is copywritten material and sharing them with anyone outside of the class without written permission from the Dean and/or the instructor will be considered academic theft. Any and all statements made in a derogatory, harmful, abusive, or slanderous manner towards the School and/or instructors is unacceptable behavior and will not be tolerated. Failure to comply with the above, or if the student's conduct is deemed unsatisfactory at any time during their enrollment, may lead to a review by the Administrative Board and possible termination from the Diploma Program. Unsatisfactory conduct includes, but is not limited to: theft (including academic theft), academic dishonesty (i.e. cheating on written tests/exams), plagiarism, verbal or physical threats intended to inflict physical or emotional harm on another student or staff member, destruction of school property, possession of weapons or illegal drugs on school grounds, insubordination to a faculty or staff member, or disruption of class or other activities.

Students will have the opportunity to give feedback and/or to place formal complaints regarding the School and/or instructors. Refer to the Student Complaint Policy.

STUDENT SERVICES AND ADMINISTRATIVE SERVICES

Enrollment in the CT School of Integrative Manual Therapy

Once students are accepted in the Diploma Program, an Enrollment Agreement must be completed as part of the registration process for each course. A new enrollment agreement must be signed each time a student registers for new courses.

Student Record/Transcript

Transcripts may be issued to students on a quarterly basis indicating the cumulative courses to date. Students have access to their Connecticut School of Integrative Manual Therapy transcripts at all times. Notarized transcripts will be provided on written request, and automatically upon completion or withdrawal from the Diploma Program.

Course Registration

Although there are no application deadlines, class sizes are limited in most cases. Students are therefore strongly encouraged to register for each individual course as soon as possible. If a class fills, students may be placed on an official waiting list and will be contacted if space becomes available. Classes are filled on a first come, first serve basis and often fill quickly. All of the required courses are offered at the main Bloomfield, CT campus. Although it is not required, students may wish to attend courses offered through the school at other locations across the country to expedite their learning process. Course schedules and calendars are available from the Admissions Office. Schedules of courses are updated and accessible at all times. When attending courses, students are responsible for their room and board and transportation.

Course Format/Environment

Each course includes light refreshments and 10-15 minute breaks periodically during the day. These breaks vary in length and frequency based on the instructor's discretion. The lunch break is usually 1 to 1½ hours in length. This allows the student adequate time for lunch and also provides an additional opportunity to practice their newly learned techniques and/or view select videos when appropriate.

All courses involve labs. During these labs, students will be required to make physical contact with their classmates and instructors in order to practice, learn and experience the techniques being taught. The contact is non-invasive and gentle in nature. On occasion, high velocity, low amplitude mobilization techniques are taught. The labs in the cranial courses do involve intra-oral techniques. If a student cannot or chooses not to participate in any lab, they must make arrangements with the instructor. Each student must participate in all labs in order to receive credit for the class. However, if extenuating circumstances arise, the student must receive special permission from the Dean to be exempt from any lab time. Labs are designed to provide the students with an optimal learning environment. Typically, two to three students share tables. Students are asked to bring pillows, mats and blankets.

The majority of classrooms are handicap accessible; accommodations will be made for those that are not accessible. Should a student need any special assistance, the school will make any and all reasonable accommodations necessary in order to maximize the student's learning experience. All courses will be taught in English. Translators will be provided on an as needed basis.

Library

An extensive resource library is located at the Bloomfield campus. Numerous hard to find books and journals are available. With permission of the instructor, students have access to the wide variety of reference books, videos, cassette tapes, and journals. In order to maintain this collection, these resources will not be permitted to leave the facility.

Students are provided workbooks for each course, which are included in the course fees (tuition). Reading lists and adjunct materials are also provided. Students will be notified of any required reading prior to each course. Supplemental reading lists are updated on a yearly basis and addendums will be ongoing. As curriculum and course materials are frequently reviewed, reading lists and bibliographies will be cumulative and progressive. Select videos are available for viewing during courses. Videos/books may be purchased.

Graduation Policy

The Diploma Program in Integrative Manual Therapy requires the student to complete a minimum of 91 credit hours, to be completed in approximately 3-6, but no longer than 10 years, after acceptance into the program. Only the courses presently designed as structural and diagnostic (67 credit hours) will be offered through this school. Self directed study will be required of all students for each course, which the student will be advised of before each course. Workbooks are provided for each course and are included in the tuition. The academic (14 credit hours) and functional (10 credit hours) requirements must be met through any accredited school, college, or university and are subject to approval by the

dean for credit prior to graduation. It is understood the student will be responsible for payments to other institutions, where applicable, in order to fulfill the academic and functional requirements of this program. The 4 credit hours of experiential treatment is included in the total tuition, however, students will be required to pay the appropriate clinics at the time of service (\$150.00/hour, U.S. dollars). All fees to the CT School must be paid in full before a diploma will be issued. Most courses are 9:00 AM - 5:00 PM and vary on day(s) of the week. Refer to course schedule for the days and times.

Recognized Holidays and Religious Observance

Although an attempt is made to schedule courses around holidays, they may in some cases be held on these days. Students are encouraged to arrange their schedules so as not to coincide with any holidays they wish to observe. If students do schedule a class during one of the following holidays, they will be granted an excused absence and will have an opportunity to make up any work missed. Students must notify the instructor in advance for any days missed due to religious holidays.

Note: Any holidays not listed but observed by a student will be granted the same excused absence.

February:	Ash Wednesday
March:	Eid-ul-Adah
April:	Passover, Good Friday, Easter
May:	Shavuot
September:	Rosh Hashanah
October:	Yom Kippur, Sukkot, Shmini Atzeret
November:	Ramadan, Thanksgiving
December:	Eid-ul-Fitr, Hanukkah, Christmas

Graduate Career Services: The Connecticut School offers job fairs during some of our learning activities throughout the year. Students and clinicians in IMT are invited to attend these job fairs and meet with IMT practitioners that are looking to hire IMT therapists in their own clinics across the country. These job fairs are typically sponsored by The Integrative Manual Therapy Association (IMTA).

Dispute Resolution Procedure

If at any time a student is enrolled in the program he/she has a complaint regarding the school or instructors, he/she is encouraged to resolve the issue as soon as possible by discussing it with the proper school official. The student will be required to put the complaint in writing and become involved in the resolution if appropriate. Students who are unable to resolve the matter with the school may at any time file their complaint with the Commissioner of Higher Education for the State of Connecticut:

Department of Higher Education
61 Woodland Street
Hartford, CT 06105
1-860-947-1816

CORE CURRICULUM

Course Requirements

91 total credit hours are required for graduation: 67 credits are offered through the CT School of IMT (Structural and Diagnostic); 14 credit hours of Academic/Basic Sciences, and 10 hours of Functional electives are NOT offered through the CT School and must be taken through another institution prior to graduation.

The Core Curriculum consisting of 91 credit hours required to successfully complete the Diploma Program is outlined below:

I. Structural Courses, 63 total credit hours

Biophysiology/Functional Nutrition (4 Credits)

BIOPH 201 Physical Functional Medicine (1 day - 1 credit)

BIOPH 301 Functional Medicine/Concepts in Applied Nutrition and Biophysiology
(4 days - 3 credits)

-or-

Attendance in 20 contact hours of lecture from CSIMT approved speakers. Students are responsible for keeping accurate records of attended lectures and must submit them to CSIMT for approval. Once the 20 hours are met, students must take a written test to receive credit.

Body/Mind Systems (3 Credits)

BODM 301 Integrative Diagnostics for Applied Psychosynthesis (4 days - 3 credits)

Connective Tissue System (3 Credits)

CTIS 101 Myofascial Release for the Orthopedic, Neurologic, Pediatric and Geriatric Patient:

The 3-Planar Fascial Fulcrum© Approach (3 days - 2 credits)

CTIS 102 Myofascial Mapping©-A Critical Diagnostic Skill for Manual Practitioners
(1 day - 1 credit)

Cranial and Nervous System (12 Credits)

CRNS 101 Cranial Therapy Series, Level One: Osseous, Suture, Joint and Membrane. Treatment of Headaches and Trauma (3 days - 2 credits)

CRNS 103 Neural Tissue Tension Techniques: Decrease Pain, Increase Movement, Improve Nerve Function (3 days - 2 credits)

CRNS 201 Cranial Therapy Series, Level Two: Membrane; Fluid; Face; Intra-Oral Dysfunction
(4 days - 3 credits)

CRNS 301 Cranial Therapy Series, Level Three: Pain and Disability; CSF; Spinal Cord and Brain Fibrosis; Immunology (4 days - 3 credits)

CRNS 401 Cranial Therapy Series, Level Four: Cranial Therapy: Recovery and Rehabilitation Protocols (3 days - 2 credits)

Immunity and Detoxification: Lymphatic System (4 Credits)

IMDE 101 Lymphatic Series, Level One: Lymph Congestion Therapy (3 days - 2 credits)

IMDE 201 Lymphatic Series, Level Two: Immune Preference (3 days - 2 credits)

Integrated Curriculum in Integrative Manual Therapy (4 Credits)

INTC 201 Double Crush Syndrome: Treatment for Thoracic Outlet Syndrome, Carpal Tunnel and Upper Extremity Pain and Dysfunction (3 days - 2 credits)

PEDS 101 Pediatric Solutions: An IMT Approach for Comprehensive Assessment and Treatment
(3 days - 2 credits)

Musculoskeletal System and Biomechanics (13 Credits)

MSKEL 100 Mobility Templates: New and Improved Approach for Treatment of the Pelvis, Sacrum and Spine with Muscle Energy and 'Beyond' Technique (3 days - 2 credits)

MSKEL 103 Rib Cage Biomechanics with Muscle Energy Technique and 'Beyond' (1 day - 1 credit)

MSKEL 105 Strain and Counterstrain Technique and Advanced Strain Counterstrain Technique. A Manual Therapy Solution for Protective Muscle Spasm in the Orthopedic, Neurologic, Pediatric, and Geriatric Patient (4 days - 4 credits)

MSKEL 205 Upper and Lower Extremities Rehabilitation with Compression Syndromes (4 days - 4 credits)

MSKEL 301 The Spine: From Low Back Pain and Cervical Syndrome through Spinal Cord Injury (3 days - 2 credits)

Protective Modes (2 Credits)

PMOD 101 Diaphragm Compression Syndromes: Comprehensive Manual therapy for Circulation, Breathing and Pain disorders. A total body approach (3 days - 2 credits)

Visceral and Organ Systems (10 Credits)

VOSYS 201 Gastrointestinal Tract: Pain and Dysfunction. A Manual Therapy Solution (3 days - 2 credits)

VOSYS 202 Women's and Men's Health: Treatment for Urogenital Pain and Dysfunction A Manual Therapy Solution. (3 days - 2 credits)

VOSYS 361 Lung Management: Pulmonary Insufficiency and Oxidative Stress (3 days - 2 credits)

VOSYS 401 Cardiac Habilitation: Prevention and Treatment. A Manual Therapy Solution (3 days - 2 credits)

VOSYS 501 Cardiovascular Rehabilitation: Combined Vessels Approach (3 days - 2 credits)

CPR: Certification in basic Adult and Child Cardiopulmonary Resuscitation (offered through the CT School, or will be accepted from an accredited organization, i.e. American Heart Association; Red Cross)

Experiential Practice: (4 Credits)

Requirements can be met for Observation by an Integrative Manual Therapist, Certified (I.M.T.,C), as follows:

Option a) Observation with an Integrative Manual Therapist, Certified (4 Credits)

Option b) Observation with an Integrative Manual Therapist, Certified (2 Credits)

Plus Observation with a practitioner "Specializing in Integrative Manual Therapy" (2 credits maximum). Criteria for someone to be listed as "specializing in IMT" is documented. A list of providers who are "specializing in IMT" can be requested from CT School of Integrative Manual Therapy.)

Experiential Treatment: (4 Credits)

Treatment by an Integrative Manual Therapist, Certified (I.M.T.,C)

II. Integrative Diagnostics, 4 total credit hours

INTDG 101/201 Integrative Diagnostic Series, Levels One and Two: Myofascial Mapping and Neurofascial Process (3 days - 3 credits)

INTDG 301 Integrative Diagnostic Series, Level Three: Toxicity, Circulation, Diagnostics (2 days - 1 credit)

III. Academic/Basic Sciences, 14 total credit hours*

- Growth and Development - Infant to Adult (3 Credits)
- Kinesiology (2 Credits)
- Neuroanatomy (3 Credits)
- Pathophysiology (3 Credits)
- Psychology (3 Credits)

**All academic/basic science courses must be complete prior to the midway point of the diploma program, (which is before the 15th course).*

IV. Functional Electives, 10 total credit hours

- | | |
|-------------------------|-------------------------------------|
| Alexander | Neuro Developmental Treatment (NDT) |
| Aston Patterning | Pilates/Plyometrics |
| Body Mind Centering | PNF |
| Functional Orthopaedics | Sensory Integration |
| Hellerwork | Tai Chi Chuan |
| Hippo therapy | Trager |
| | Yoga |

The functional electives above are examples only. Other functional approaches will be considered, for example, life's experiences can be utilized to fulfill this requirement. If the experience is self taught (i.e. yoga, tai chi, etc) the student will need to submit a paper with a summary of their experiences. Any classes taken through a gym or community organization will require a letter of verification from the instructor stating the total number of hours completed. Course certificates will be accepted. All submissions are subject to approval by the administrative board. Students are required to have a minimum of 100 hours (10 hours = 1 credit hour), with no more than 25 hours in any one approach. Therefore, a minimum of 4 different approaches are expected.

NOTES:

Structural and Diagnostic courses are typically two to four days, consisting of lecture and hands-on labs, taught by faculty of The Connecticut School of IMT. They are offered throughout the year in many locations, from Bloomfield, CT, to worldwide. Refer to the Course Calendar for dates and locations.

For Structural and Diagnostic courses, 1 credit hour = approximately 10 contact hours.

The Experiential Practice and Treatment and Functional Elective Requirements should be interspersed throughout the 4 years. It is advised that students receive the Experiential Treatment early in the course of study.

CPR is offered through The Connecticut School of IMT, however, certification is accepted from any accredited organization (American Heart Association; Red Cross). CPR certification is required prior to graduation.

The Diploma program is designed to take approximately 3 years to complete. However, it must be completed within 10 years from the date of acceptance into the program.

RECOMMENDED SEQUENCE FOR BASIC SCIENCE COURSES

All of the academic requirements must be complete prior to the midway point of the diploma program. Since the Structural Courses require knowledge of anatomy and physiology, it is strongly recommended to begin with the requirements prior to initiating the structural courses.

Requirement	Recommended Year	Recommended Pre-requisite for:
Kinesiology	First Year	Strain/Counterstrain & Adv Strain/Counterstrain (MSKEL 105) Mobility Templates (MSKEL 100)
Pathophysiology	First Year	Visceral Mobilization for the GI Tract (VOSYS 201)
Neuroanatomy	Second Year	Cranial Therapy: Level One (CRNS 101)
Psychology	Second Year	Integrative Diagnostics- for Applied Psychosynthesis (BODM 301)
Growth and Development	Second Year	Pediatric Solutions (PEDS 101)

The above basic science courses are not offered through The Connecticut School of Integrative Manual Therapy, however, many are offered through local colleges and/or universities. After review by the Administrative Board, credit transfers will be accepted from accredited colleges and universities.

“ACADEMIC INTENSIVE” 3-YEAR CURRICULUM OVERVIEW

CSIMT offers two to three consecutive classes, every four months. This allows the student to complete the Diploma Program within three years. This program is an option for our students.

Year One

Description

During the first year of this program, the student will begin their learning in Integrative Manual Therapy (IMT). The student will learn how to assess, diagnose, and treat many different patient populations. New concepts and techniques will be presented focusing on the thorax, rib cage and respiratory system. Additionally, the student will learn how to treat dysfunctions of the pelvis, sacrum, spine and nervous system. A comprehensive introduction to IMT assessment skills will be presented, covering topics such as Myofascial Mapping, assessment of biomechanical dysfunction, and tools to determine the most important area to treat first via the Nullification Process. During this year, the student will become knowledgeable in three key concepts for treatment of tissue dysfunction, specific to bone bruises, immune deficiency, and irritations in tissues of different organs and vessels.

Once this year of learning is completed, the student will be familiar with the treatment of a variety of injuries and dysfunctions, including: back pain, strained muscles, muscle cramps, sports injuries, swelling secondary to an injury, costochondritis, asthma, bronchitis, osteoporosis, colic, leaky gut syndrome, crohns, ulcerative colitis, buliemia, brachial plexus compression, carpal tunnel syndrome, sciatica and a variety of nerve related pain syndromes.

Critical Thinking Objectives

1. Understand the IMT approach to the myofascial system, muscular system, contractile tissue and autonomically innervated muscles;
2. Begin to understand IMT assessment methods via Myofascial Mapping;
3. Introduction to IMT in relationship to the Digestive System;
4. Thorough understanding of IMT in relationship to the thorax and Respiratory System;
5. Comprehension of key assessment and treatment techniques for the biomechanical system;
6. Understand the primary components of the nervous system.

Clinical Skill Objectives

1. Develop skill with Myofascial Release and the diagnostic technique: Myofascial Mapping;
2. Proficiency with Recovery Motilities (Disruption of Membrane, Immune Deficiency Motility, Bone Bruises);
3. Expertise in Compression Syndrome techniques for the Diaphragms, Gastrointestinal system, and Respiratory system;
4. Developing skills with visceral techniques for the Gastrointestinal System and Respiratory Sytem (Type I Relationships, Type II technique, Frozen Organ Syndromes);
5. Developing skills in the art and science of Strain and Counterstrain for the muscular system, blood vessel walls, and organs;
6. Efficiency in biomechanics techniques for Pelvis, Sacrum, Spine and Rib cage;
7. Dexterity with assessment and treatment of the nervous system.

Year Two

Description

During year two, the student will learn how to assess, diagnose, and treat dysfunctions of the upper and lower extremities. This learning will have an emphasis on protective mechanisms, biomechanical dysfunctions and the immune system. The student will begin their learning in Cranial Therapy, Lymph Congestion Therapy, and Visceral Mobilization techniques to affect dysfunctions of the reproductive and endocrine systems. Additionally, the student will advance their learning in Myofascial Mapping. Further learning in diagnostics will be a focus as well.

During this year of study, the student will become familiar with the treatment of variety of injuries and dysfunctions, including: headaches, migraines, double vision, neck pain, endometriosis, PMS, prostatitis, incontinence, allergies, edema and autism. Covered as well will be pain and movement dysfunctions of the upper and lower extremities, such as frozen shoulder, chondromalacia patella, tendinitis, fractures, and arthritis. Treatment of clients before and after surgeries such as hip replacements and ACL repair will be presented as well.

Critical Thinking Objectives

1. Understanding protective mechanisms and biomechanical dysfunctions of the upper and lower extremities;
2. An introduction to Cranial Therapy;
3. Further developing an understanding of IMT assessment techniques;
4. Expand clinical thinking in regards to women's and men's health issues and the reproductive system;
5. Comprehension of the immune system and the relationship between the lymph system, spleen, thymus and the bones of the extremities.

Clinical Skill Objectives

1. Gain skill in Compression Syndromes, Recoil Tension Tests, Type I Relationships, Neural Tissue Tension techniques for the upper and lower extremities;
2. Be able to address biomechanical (Type I, Type II , Type III) dysfunctions and quanta of the extremities;
3. Further expertise in visceral techniques, including Compression Syndromes, Type I Relationships, Frozen Organ Syndrome, Strain and Counterstrain and Neural Tissue Tension techniques for the organs of the reproductive, immune, and lymphatic system;
4. Further skills in Myofascial Mapping with three planer Mapping and develop skills in Neurofascial Process;
5. Develop a range of Cranial Therapy techniques to address the cranial vault bones, dura, gear mechanism and compression in the cranial system.

Year Three

Description

During year three, the student will learn how to treat the immune system and vascular system. The student will begin their learning on the treatment of psychosocial and emotional issues. Advancement of prior learning from year one and two will be focused on advanced techniques in Cranial Therapy and treatment of the visceral system. Additional information will be presented on nutritional wellness and specialization of IMT for pediatrics. The student will also learn how to combine assessment and treatment planning skills to develop rehabilitation plans for various patient populations.

During this year of learning, the student will learn how to treat a variety of physical dysfunctions, including: cardiovascular dysfunctions, angina, atherosclerosis, food intolerances, food poisoning, cerebral palsy, lymphedema, Multiple Sclerosis, Lyme disease, infertility, loss of night vision, hydrocephaly, failure to thrive, Bell's palsy, and hemiplegia. In addition to overall treatment planning, the student will explore the psychosocial and emotional contributions to pain and dysfunction. The student will also learn a variety of ways to affect nutritional health.

Critical Thinking Objectives

1. Understanding the psychosocial and emotional system and its relationship with chronic pain, and many other dysfunctions;
2. Deepening understanding of motilities with a focus on vascular motilities;
3. Further exploration of the cranial system;
4. Develop a comfort level in working with children;
5. Start on a lifelong exploration of biophysiology and nutritional wellness;
6. Deepen the understanding of the cardiac and lymphatic system, building on previous courses.

Clinical Skill Objectives

1. Develop skills in working with and knowing when to refer out for psychosocial and emotional issues as they relate to the overall health and well-being of the client;
2. Palpate and perceive a wide variety of motilities with a focus on vascular and lymphatic motilities;
3. Acquire skill in working with the cranial system and the ability to release Compression Syndromes, locate and work with Recovery Motilities and fluids in the cranial system;
4. Develop skills in assessing and treating children from those who are relatively healthy to those who have significant neurologic, digestive, immune and vascular problems;
5. Learn what Biophysiology/Functional Nutrition can offer IMT clients and how to develop treatment plans that include nutritional supplementation;
6. Develop skills in assessing and treating the immune system, spleen, thymus related vein plugs, vascular anomalies and pressure related dysfunctions that are contributing to a lack of quality of life and function;
7. Efficient treatment planning and how to facilitate client's meeting their goals.

ACADEMIC INTENSIVE SCHEDULE

Year One

September, Week 1

CTIS 101 Myofascial Release (3 days - 2 credits)
CTIS 102 Myofascial Mapping (1 day - 1 credit)
PMOD 101 Diaphragm Compression Syndromes (3 days - 2 credits)

January, Week 2

MSKEL 100 Mobility Templates (3 days - 2 credits)
VOSYS 201 Gastrointestinal Tract: Pain and Dysfunction (3 days - 2 credits)

March, Week 3

MSKEL 105 Strain/Counterstrain and Advanced Strain/Counterstrain (4 days - 4 credits)
MSKEL 301 The Spine: From Low Back Pain and Cervical Syndrome through Spinal Cord Injury (3 days - 2 credits)

June, Week 4

CRNS 103 Neural Tissue Tension Techniques (3 days - 2 credits)
INTC 201 Double Crush Syndrome (3 days - 2 credits)

Year Two

September, Week 5

MSKEL 205 Upper & Lower Extremities Rehabilitation with Compression Syndromes (4 days - 4 credits)
INTDG 101/201 Integrative Diagnostics Series, Levels One and Two (3 days - 3 credits)

January, Week 6

VOSYS 202 Women's and Men's Health: Treatment for Urogenital Pain and Dysfunction (3 days - 2 credits)
VOSYS 361 Lung Management: Pulmonary Insufficiency and Oxidative Stress (3 days - 2 credits)
MSKEL 103 Rib Cage Biomechanics with Muscle Energy Technique and 'Beyond' (1 day - 1 credit)

March, Week 7

CRNS 101 Cranial Therapy Series, Level One (3 days - 2 credits)
CRNS 201 Cranial Therapy Series, Level Two (4 days - 3 credits)

June, Week 8

IMDE 101 Lymphatic Series, Level One: Lymph Congestion Therapy (3 days - 2 credits)
VOSYS 401 Cardiac Habilitation: Prevention and Treatment (3 days - 2 credits)
BIOPH 201 Physical Functional Medicine (1 day - 1 credit)

Year Three

October, Week 9

BODM 301 Integrative Diagnostics for Applied Psychosynthesis (4 days - 3 credits)
INTDG 301 Integrative Diagnostics Series, Level Three (2 days - 1 credit)

February, Week 10

CRNS 301 Cranial Therapy Series, Level Three (4 days - 3 credits)
CRNS 401 Cranial Therapy Series, Level Four (3 days - 2 credits)

April, Week 11

PEDS 101 Pediatric Solutions: An IMT Approach for Comprehensive Assessment and Treatment (3 days - 2 credits)
BIOPH 301 Functional Medicine/Concepts in Applied Nutrition and Biophysiology (4 days - 3 credits)

July, Week 12

IMDE 201 Lymphatic Series, Level Two: Immune Preference (3 days - 2 credits)
VOSYS 501 Cardiovascular Rehabilitation: Combined Vessels Approach (3 days - 2 credits)

CORE CURRICULUM REQUIREMENTS

Biophysiology/Functional Nutrition

BIOPH 201 Physical Functional Medicine (1 day - 1 credit)

Pre-requisites: None

Course Description

Physical Functional Medicine (PFM) is a unique approach to improving physiologic function throughout the body. PFM treatment can significantly enhance a person's recovery and rehabilitation process. PFM is a hands-on approach to enable different body systems to heal, recover and function optimally. PFM is often used in conjunction with nutritional wellness. Functional Medicine and Biophysiology are two approaches which provide individualized nutritional supplementation in order to enable the cells of the body to heal, recover and function optimally. Both therapies compliment each other. During this course, the student will learn how to palpate various PFM motilities and treat these motilities in order to improve patho-physiology.

Learning Outcomes

1. The student will learn about a manual approach for correction of patho-physiology.
2. The student will learn how to palpate and treat various PFM motilities.

BIOPH 301 Functional Medicine / Concepts in Applied Nutrition and Biophysiology (4 days - 3 credits)

Pre-requisites: None

Course Description

World renowned speakers in their field of Nutritional Wellness and Functional Medicine will lecture on a variety of topics, including immune deficiency, oxidative stress, metabolic syndrome, and much more. Students will be presented with multiple treatment protocols for a variety of disorders.

Learning Outcomes

1. The student will learn nutritional and dietary treatment protocols.
2. The student will learn about patho-physiology of the various body systems and to correct this dysfunction with nutritional supplementation and diet.

Body/Mind System

BODM 301 Integrative Diagnostics for Applied Psychosynthesis: A Manual Therapy Approach for Emotional Based Pain and Dysfunction (4 days - 3 credits)

Pre-requisites: None

Recommended Reading: W. Giammatteo, Sharon (2002). Body Wisdom: Light Touch for Optimal Health (Giammatteo, Thomas Ed.)

Course Description

In this course, the student learns how to help all clients to overcome their fears and other negative emotions that are affecting their function and overall quality of life. Application of emotional release therapy is integrated with differential diagnostics to locate areas of the body affected by emotional and other energies. There may be physical body tissue problems. Can these physical problems be addressed before the emotional aspect is addressed? Participants in this course will learn how to find answers with Integrative Diagnostics. This workshop is designed for the manual therapist.

Learning Outcomes

1. Integrative Diagnostics: recognize when the body requires somatic body work.
2. Integrative Diagnostics: differentiate between presentations of emotional, cognitive / mental, and spiritual energies in the body; localize which tissues and structures in the body are affected by these energies.
3. Applied Psychosynthesis: study approaches for energy release with Neurofascial Process.
4. Applied Psychosynthesis: learn 'Delta State Therapy' from certified clinical hypnotherapists.
5. Applied Psychosynthesis: understand inner child support and process.
6. Applied Psychosynthesis: learn neuropsychology for healing.
7. Applied Psychosynthesis: learn 'Anatomic Imagery' for treatment of pain and disability.
8. Applied Psychosynthesis: introduction to Consciousness Rehabilitation for progress of Process.
9. How to allow the client to address issues of fear and progress towards more functional outcomes.

Connective Tissue System

CTIS 101 Myofascial Release for the Orthopedic, Neurologic, Pediatric and Geriatric Patient: The 3-Planar Fascial Fulcrum© Approach (3 days - 2 credits)

Pre-requisites: None

Recommended Reading: W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

Myofascial Release, The 3-Planar Fascial Fulcrum Approach, is a non-aggressive technique to eliminate fascial tensions in the body. This approach, developed by Sharon W. Giammatteo, Ph.D., P.T., I.M.T.,C., is based on over thirty years of her scientific and clinical research in the field of manual therapy. There are many different manual therapy approaches for treatment of pain and dysfunction. Myofascial Release is used for treatment of connective tissue related dysfunction. The 3-Planar Fascial Fulcrum Approach has been proven effective in all patient populations. These techniques provide solutions for fibromyalgia, acute and chronic inflammation, chronic pain, rotator cuff syndrome, recurrent subluxations, thoracic outlet syndrome, carpal tunnel syndrome, shin splints, plantar fasciitis, Reflex Sympathetic Dystrophy, promotes healing post surgery, and much more. Upon the completion of this course, the therapist will have a new comprehensive tool to use in every day clinical practice.

Learning Outcomes

1. Learn the Integrated Systems Approach.
2. Anatomy and physiology of the connective tissue system.
3. Learn the Soft Tissue and Articular Myofascial Release Technique using the 3-Planar Fascial Fulcrum Approach to correct joint and soft tissue dysfunction.
4. Learn how to evaluate static and dynamic posture while highlighting compensatory patterns.
5. Learn treatment protocols for correction of low back and spinal dysfunction, respiratory dysfunction, carpal tunnel syndrome, and more.

CTIS 102 Myofascial Mapping©-A Critical Diagnostic Skill for Manual Practitioners (1 day - 1 credit)

Pre-requisites: None

Recommended Reading: W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

Myofascial Mapping is a manual diagnostic tool that allows the practitioner to locate primary areas of dysfunction, including soft tissue, joint, and bone dysfunction; organ dysfunction; and more. As an example, with Myofascial Mapping, the practitioner will be able to determine whether shoulder pain is caused by shoulder dysfunction or being referred by a nerve impingement at the cervical spine. This critical diagnostic tool can be utilized to develop comprehensive treatment plans for all patient populations. At the conclusion of this lab-intensive course, the practitioner will have new clinical skills to immediately integrate into their daily clinical practice.

Learning Outcomes

1. Learn the history and development of Myofascial Mapping.
2. Learn the Myofascial Mapping diagnostic approach.
3. Learn how to assess the different body systems with Myofascial Mapping.
4. Learn how to develop comprehensive treatment plans based upon Myofascial Mapping results.

Cranial and Nervous System

CRNS 101 Cranial Therapy Series, Level One: Osseous, Suture, Joint and Membrane. Treatment of Headaches and Trauma (3 days - 2 credits)

Pre-requisites: None

Recommended Reading: W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

During this introductory lab course, the student is introduced to the Cranial System. On the first day, the student learns how to palpate and assess the CRI (Cranial Rhythmic Impulse/Cranio-Sacral Rhythm). During the second and third days, presentation includes assessment and treatment of suture and joint restrictions and treatment of the cranial and facial vaults: the temporomandibular joints, the sphenobasilar joint, and the cranial and facial articulations. During these last days, the student will also learn how to assess and treat dura mater restrictions.

Learning Outcomes

1. Anatomy and biomechanics of the cranial vault in order to address cranial problems whatever the client population.
2. Techniques to improve mobility and motility (biologic rhythms) of the head and neck.
3. Techniques to decrease cranial symptoms.

CRNS 103 Neural Tissue Tension Techniques: Decrease Pain, Increase Movement, Improve Nerve Function (3 days - 2 credits)

Pre-requisites: None

Recommended Reading: W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

This introductory lab-intensive course is the culmination of thirty years of investigation, including graduate, doctoral, and post graduate clinical and scientific research into recovery and rehabilitation of the central and peripheral nervous system. The manual techniques presented in this course find solutions to generalized peripheral motor and sensory loss, pain and disability, Erb's and Klumpke's Palsy, torticollis, paraparesis and quadraparesis, and much more. This approach can be used on all patient populations, including orthopedic, neurologic, pediatric, geriatric, chronic pain, and more. Extensive lab time will be focused on clinical skills training. Practitioners will gain critical thinking in the development of short term and long term treatment plans for different patient populations.

Learning Outcomes

1. To assess and treat the pain and disability developed from neural tissue tension.
2. To treat peripheral nerve injuries causing sensory and motor impairment.
3. To treat spinal cord patients and clients with other neurologic presentations due to neural tissue tension.
4. To treat cranial nerve dysfunctions causing pain, disability and neurologic disorders.
5. A manual diagnostic tool to determine the primary nerve that is contributing to decreased function in other nerves.

**CRNS 201 Cranial Therapy Series, Level Two: Membrane; Fluid; Face;
Intra-Oral Dysfunction (4 days - 3 credits)**

Pre-requisites: CRNS 101

Course Description

The techniques presented in this seminar are used with orthopedic, neurologic, pediatric and geriatric clients, with mild, moderate and severe signs and symptoms. They are used for the acute and chronic clients, with histories of trauma, infection, inflammation and unknown etiologies.

These techniques are gentle and non-invasive. There are no contra-indications, because all techniques are indirect. These techniques do not increase intra-cranial pressure, nor do they prevent self-adjustment by the client because they are ultimately indirect in nature. These techniques are used with chronic pain, headaches and migraines; cranio-facial and temporomandibular disorders; stroke and cerebral palsy; traumatic / anoxic brain injury; learning disabilities and hyperactivity; sleep dysfunction; and all other pertinent problems.

Learning Outcomes

1. Techniques to affect pain and disability from cranial and spinal membrane dysfunction.
2. Techniques to affect face pain and problems.

CRNS 301 Cranial Therapy Series, Level Three: Pain and Disability; CSF; Spinal Cord and Brain Fibrosis; Immunology (Advanced Course) (4 days - 3 credits)

Pre-requisites: Any two Cranial Classes

Course Description

This seminar reflects 21st century technology in health care. Treatment of anoxia, open head trauma, all neurologic complaints, spinal cord disorders, facial pain and trauma and disability, and much more can be easily performed. Hearing, taste, speaking, smell, and vision can be affected in remarkable manners. Therapy to address immune and auto-immune disorders is presented.

Learning Outcomes

1. Techniques to de-compress and alleviate pain and tension of the face, eyes, ears, and mouth.
2. Techniques to correct pain from bone bruises.

CRNS 401 Cranial Therapy Series, Level Four: Cranial Therapy: Recovery and Rehabilitation Protocols (Advanced Course) (3 days - 2 credits)

Pre-requisites: Any two Cranial Classes

Course Description

This seminar can provide solutions for previously untreated disorders and disabilities. Provided in this course are protocols for pain, disability, disorders, and disease.

Learning Outcomes

1. Techniques to affect pain and other signs and symptoms due to suture restrictions of the cranial and facial vault.

Immunity and Detoxification

IMDE 101 Lymphatic Series, Level One: Lymph Congestion Therapy (3 days - 2 credits)

Pre-requisites: None

Recommended Reading: W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

The lymphatic system is responsible for drainage of toxins in the body. When there is an overwhelming amount of toxicity, the drainage of lymph becomes congested and swelling occurs. What should occur in a healthy lymphatic system is the breakdown and elimination of toxins in the lymph fluid as it passes through the lymph nodes. There are many therapeutic approaches aimed at improving lymphatic flow such as massage-like techniques which simply push lymph fluid from one body region to another. Most of these approaches involve regular maintenance because lymph node function and the breakdown of toxins are not addressed. Integrative Manual Therapy for Lymphatic Drainage restores normal lymphatic function by promoting blood flow to and from the lymph node, decreasing muscle spasm and fascial tension around the lymph vessels and nodes, improving liver function and other related tissues to promote breakdown of toxins, and much more. This approach can be used to treat localized, regional, and total body swelling and lymphedema on all patient populations. These easy-to-use techniques will lead to immediate changes in girth measurement, range of motion, joint function, and improved energy level. Upon completion of this lab-intensive course, the practitioner will have many new tools to integrate into their daily clinical practice.

Learning Outcomes

1. Anatomy and physiology of the immune system.
2. Techniques to decrease localized, regional, and total body swelling and lymphedema.
3. A functional home exercise program to promote lymphatic drainage.
4. Skin Therapy for wound care.
5. Protocols for treatment of immune deficiency disorders.

IMDE 201 Lymphatic Series, Level Two: Immune Preference (3 days - 2 credits)

Pre-requisites: IMDE 101

Course Description

During this three day introductory lab course, the therapist will learn manual techniques to promote lymph drainage and detoxification. This simple-to-use and easy-to-learn approach can be used on all patient populations to treat a wide array of disorders, including immune deficiency, lymphedema, chronic fatigue syndrome, kidney disorders, pulmonary dysfunction, multiple sclerosis, and much more. The therapist will learn postural drainage positions to promote drainage in all body regions. Additionally, the therapist will learn nutritional protocols to treat immune deficiency and to promote detoxification. Patients will see evidence of improved circulation, increased energy levels, decrease swelling, improved strength and endurance, and an overall improved quality of life. Following this course, the therapist will be able to immediately apply these techniques to their daily clinical practice.

Learning Outcomes

1. Simple and efficient assessment and diagnostic tools for acute and chronic immune deficiency problems.
2. Manual techniques to treat problems ranging from lymphedema, chronic fatigue syndrome, kidney disorders, pulmonary dysfunction, and much more.
3. Self-help techniques and home exercise programs.
4. Recommended nutritional protocols to promote improved immune function.

Integrated Curriculum

INTC 201 Double Crush Syndrome: Treatment for Thoracic Outlet Syndrome, Carpal Tunnel and Upper Extremity Pain and Dysfunction (3 days - 2 credits)

Pre-requisites: None

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

Thoracic Outlet Syndrome and Carpal Tunnel Syndrome are common and debilitating problems affecting today's society. Surgery and extensive rehabilitation are often recommended but typically yield minimal changes, resulting in the patient's return to therapy. During this three day introductory lab course in Integrative Manual Therapy, the therapist will learn how to assess, diagnose, and treat nerve impingements and circulation insufficiencies that are the common cause for these disorders. Integrative Manual Therapy is a new approach to health care.

These simple-to-use and easy-to-learn manual techniques will lead to lasting results. In addition to thoracic outlet and carpal tunnel syndrome, this approach can be used to treat neck pain and cervical syndrome, rotator cuff syndrome, reflex sympathetic dystrophy, tendonitis, bursitis, anterior compartment syndrome, tenosynovitis, and much more. The therapist will see changes in pain level, joint mobility, ranges of motion, strength and stability, and overall function of the upper quadrant. These techniques will yield significant improvement in the orthopedic, sports medicine, geriatric, neurologic, and pediatric patient populations. Upon completion of this course, the therapist will have new found confidence in their ability to treat their problematic patients.

Learning Outcomes

1. Be introduced to concepts in Integrative Manual Therapy: The Integrated Systems Approach.
2. Learn simple and efficient assessment and diagnostic tools to locate sites of brachial plexus compression that may be underlying causes of thoracic outlet syndrome, carpal tunnel syndrome, reflex sympathetic dystrophy, and more.
3. Learn a variety of manual techniques, including Strain and Counterstrain, Myofascial Release, Muscle Energy, Ligament Fiber Therapy, and Neural Tissue Techniques to treat upper quadrant dysfunction.
4. Learn Functional Exercise Programs to improve and sustain strength and stability of the shoulder girdle and upper extremity.
5. Learn Protocols for treatment of thoracic outlet syndrome, carpal tunnel syndrome, reflex sympathetic dystrophy, rotator cuff syndrome, and more.
6. Learn Home Exercise Programs to maintain strength and stability of the upper quadrant and prevent future injury.

PEDS 101 Pediatric Solutions: An Integrative Manual Therapy Approach for Comprehensive Assessment and Treatment (3 days - 2 credits).

Pre-requisites: None

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

This three day introductory lab course introduces new and improved manual techniques for the pediatric population. With these manual techniques, the therapist will experience immediate and long term changes in their pediatric patients, including changes in posture, speech, digestion, behavior, vision, colic, toilet training, and so much more. Participants will receive a comprehensive clinical manual. These techniques and protocols will also address balance difficulties, tonal problems, and contractures. During this course, the therapist will learn new screening tools for assessing their pediatric patients. The therapist will also learn a new manual therapy approach for eliminating joint problems that are so commonly found in children with orthopedic and neurologic disorders, such as Osgood Schlatters, cerebral palsy, diplegia, spina bifida, and so much more. These techniques are simple-to-use and can be immediately integrated into daily clinical practice. In addition to this manual therapy approach, the therapist will also learn a functional approach and a home exercise program for normalizing the sensory system in children. The therapist will receive self-help techniques to teach the parents and families of their pediatric patients. This course is pre-requisite for all further pediatric courses.

Learning Outcomes

1. Expand their knowledge of normal and abnormal development.
2. Integrate a novel screening tool to guide the development of a recovery plan.
3. Learn how to eliminate mild to severe joint dysfunction, utilizing Capsule Release, a manual therapy approach.
4. Learn a new integrative approach with a home exercise program to normalize the sensory system.
5. Learn self-help techniques to teach the parents and families of their pediatric patients.

Integrative Diagnostics

INTDG 101/201 Integrative Diagnostic Series, Levels One and Two: Myofascial Mapping and Neurofascial Process (Advanced Course) (3 days - 3 credits)

Pre-requisites: Any Three CSIMT Classes, including CTIS 101 and CTIS 102

Recommended Reading: W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon (2002). Body Wisdom: Light Touch for Optimal Health (Giammatteo, Thomas Ed.)

Course Description

This course begins the student's training in the development of effective, efficient and cost-effective treatment plans. Localization of physical dysfunction, localization and recognition of entrapped emotional, mental/cognitive, and other energies, determination of the primary problem of the client, is included. The student is introduced to the Neurofascial Process (NFP). NFP is a manual diagnostic and therapy tool that is essential for assessment and treatment of multiple and complex patient care problems. With skills and knowledge from this combined course, recovery will be quicker, more comprehensive, less aggressive and more cost-effective.

Learning Outcomes

1. 3-Planar Myofascial Mapping: to locate specific areas of body dysfunction; to differentiate between physical tissue dysfunction and energy-induced pain and disability.
2. Neurofascial Process: to locate primary and dominant areas contributing to pain and disability; to understand the 'process' involved which needs to be addressed to correct the problem/s causing the pain and disability.
3. Neurofascial Release: as an effective, and efficient approach to treatment of brain and spinal cord fibrosis; Multiple diagnostic tools for understanding: significance; relationship; severity; chronicity; process and more.
4. To develop effective, efficient and cost-effective treatment plans for all patient populations.
5. Neurofascial Process for assessment and treatment of all pain, dysfunction and disability.

INTDG 301 Integrative Diagnostic Series, Level Three: Toxicity, Circulation, Diagnostics (Advanced Course) (2 days - 1 credit)

Pre-requisites: INTDG 101 and INTDG 201

Course Description

The third course in the Integrative Diagnostic Series is Toxicity, Circulation, Diagnostics and Treatment plans. Biologic rhythms of vascular tissue for diagnostics and treatment of circulation problems are included in this course.

Learning Outcomes

1. 3-Planar Myofascial Mapping: to locate specific areas of body dysfunction; to differentiate between physical tissue dysfunction and energy-induced pain and disability.
2. Neurofascial Process: to locate primary and dominant areas contributing to pain and disability; to understand the 'process' involved which needs to be addressed to correct the problem/s causing the pain and disability.
3. Neurofascial Release: as an effective, and efficient approach to treatment of brain and spinal cord fibrosis.
4. Multiple diagnostic tools for understanding: significance; relationship; severity; chronicity; process and more.
5. To develop effective, efficient and cost-effective treatment plans for all patient populations.

Musculoskeletal System

MSKEL 100 Mobility Templates: New and Improved Approach for Treatment of the Pelvis, Sacrum and Spine using Muscle Energy and 'Beyond' Technique (3 days - 2 credits)

Pre-requisites: None

Required Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

Low back pain, neck pain, and headaches affect 90% of America's population. Clinical studies have proven that Mobility Templates are successful at treating these problems where other conventional therapies often fail. Sharon W. Giammatteo, Ph.D., P.T., I.M.T.,C. and Thomas Giammatteo, D.C., N.D., P.T., I.M.T.,C. have been researching and developing treatment techniques for correction of biomechanical dysfunction for over thirty years. While their roots are in Muscle Energy Techniques, over the last decade, their research has led to the development of 'Mobility Templates'. Mobility Templates are a new and improved approach for treatment of the pelvis, sacrum, and spine. These new techniques will lead to elimination of low back pain, mid-thoracic pain, neck pain, headaches and migraines, TMJ symptoms, sciatica, and much more. Upon application of Mobility Templates, the patient will experience immediate improvements in pain and symptoms, movement and balance, gait, bending, lifting, sitting, and all other activities of daily living. These techniques can be utilized on all patient populations.

Learning Outcomes

1. Gain clinical skills in Topographical Anatomy for the pelvis, sacrum, and spine.
2. Learn how to evaluate static and dynamic posture while highlighting compensatory patterns.
3. Learn a new and improved approach for treatment of spinal dysfunction, back pain and headaches utilizing Mobility Templates.

**MSKEL 103 Rib Cage Biomechanics with Muscle Energy and 'Beyond' Technique
(1 day - 1 credit)**

Pre-requisites: None

Required Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

Recommended Reading:

W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

This one day course addresses biomechanics of the rib cage. Included are Type I and II dysfunctions of the sternochondral, costochondral, costovertebral and costotransverse joints. Techniques presented are addressed with Muscle Energy Technique and 'Beyond' to produce profound effects throughout the rib cage, diaphragms, peripheral joints and cranium. Techniques taught here are 'synergistic' with the Muscle Energy and 'Beyond' Techniques for the pelvis, sacrum, spine and extremity joints taught in other courses.

Learning Outcomes

1. To restore alignment, joint mobility, articular balance and vertical dimension of the intra-articular space of the rib joints.
2. A unique method for improved rib cage motion and respiratory function.

MSKEL 105 Strain and Counterstrain Technique and Advanced Strain Counterstrain Technique. A Manual Therapy Solution for Protective Muscle Spasm in the Orthopedic, Neurologic, Pediatric, and Geriatric Patient (4 days - 4 credits)

Pre-requisites: None

Required Reading: W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

Recommended Reading: W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

Strain and Counterstrain was developed by Lawrence Jones, D.O. It has been used for over fifty years to improve range of motion and flexibility in athletes and other patients. Over the last 30 years, Strain and Counterstrain has been proven successful on all patient populations, including orthopedic, neurologic, geriatric, and pediatric. Strain and Counterstrain Technique eliminates protective muscle spasm in skeletal muscles. It is common knowledge that a skeletal muscle like the biceps muscle can go into protective muscle spasm. What is less widely known is protective muscle spasm of smooth muscle. Smooth muscle lines all the vessels in our body. When smooth muscle goes into spasm, it causes the vessels in our body to become rigid and inflexible. This affects blood pressure and overall circulation. In turn, this affects range of motion and joint mobility of neighboring joints because the body tries to protect the compromised vessel. Sharon W. Giammatteo, Ph.D., P.T., I.M.T.,C. and Thomas Giammatteo, D.C., N.D., P.T., I.M.T.,C. developed Advanced Strain Counterstrain which eliminates protective muscle spasm found in smooth muscles. During this course, the therapist will learn Strain Counterstrain and Advanced Strain Counterstrain techniques to eliminate protective muscle spasm of skeletal muscles as well as smooth muscles. These simple-to-use positional techniques will lead to immediate changes in posture, range of motion, flexibility, strength, circulation, swelling, and much more. These techniques can be performed in a matter of seconds and will provide the therapist with hundreds of new treatment tools to implement into their daily clinical practice.

Learning Outcomes

1. Learn The Integrated Systems Approach.
2. Anatomy and physiology of the muscle system.
3. Learn Strain and Counterstrain Technique to eliminate protective muscle spasm of skeletal muscles.
4. Learn Advanced Strain Counterstrain Technique to eliminate smooth muscle spasm which will lead to increased circulation, increase range of motion and joint mobility.
5. Learn how to evaluate static and dynamic posture while highlighting compensatory patterns.
6. Learn treatment protocols for correction of low back pain, headaches and migraines, joint dysfunction, sports injuries, circulation insufficiency, respiratory problems, speech / swallowing problems, and more.

MSKEL 205 Upper and Lower Extremities Rehabilitation with Compression Syndromes, Muscle Energy and 'Beyond' Technique, Type III Dysfunction, Bone Bruise Techniques, Ligament Fiber Therapy and Tendon Release Therapy (4 days - 4 credits)

Pre-requisites: None

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

Upper and lower extremity pain and dysfunction can be the major cause of a sedentary lifestyle. It can leave someone in a debilitated state. Work and leisure are dependent on arm and hand function. Walking is dependent on leg function. Answers can be found in the field of Structural Rehabilitation. This new approach for treating the upper and lower extremity is based on several decades of clinical research on the orthopedic, sports medicine, neurologic, pediatric, chronic pain patient, and more. These simple-to-use techniques will decrease pain, improve movement, decrease swelling and inflammation, and improve overall function of the arm and hand. Clinical skills will be enhanced with this course. The concepts presented in this class teach the student how to use critical thinking to develop specific rehabilitation plans for different patient populations.

Learning Outcomes

1. The body has the inherent ability to provide protection. This ability is at least as profound as the body's ability to self-correct and self-heal.
2. The body's innate mechanisms of self-protection are reflexogenic, autonomic and automatic.
3. The science and art of higher level reflexes: Compression Syndromes.
4. Recoil / tension tests to isolate and identify upper and lower extremity Compression Syndromes.
5. Fulcrum techniques for treatment of Compression Syndromes of the upper and lower extremity.
6. Muscle Energy and 'Beyond' Technique for the peripheral joints.
7. Type III Techniques for the peripheral joints.
8. The Bone Bruise Technique
9. Ligament Fiber Therapy
10. Tendon Release Therapy

MSKEL 301 The Spine: From Low Back Pain and Cervical Syndrome through Spinal Cord Injury (Advanced Course) (3 days - 3 credits)

Pre-requisites: Three CSIMT Classes.

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

Course Description

The Spine is a three-day advanced lab course in manual therapy for treatment of spinal pain and dysfunction. The comprehensive curriculum provides a solution for low back pain and sciatica; cervical syndrome; spinal pain and dysfunction; scoliosis and other postural dysfunction; osteoporosis; spinal disorders related to trauma and surgery; spinal cord injury with infection, inflammation, circulation insufficiency, weakness and paralysis. During this course, advanced Integrative Manual Therapy techniques are presented to affect healing of the spinal cord. Some of these advanced techniques include Templates, Energetic Phenomena (Synchronizers, Hypothalamus Regulation Mechanisms, Reference Points and Plates) and Blueprints. This course will address the spinal cord and the spinal column. Spinal shock, circulation and lymphatic drainage of the spinal cord, spinal cord fibrosis and other hands-on approaches will contribute to successful rehabilitation. This seminar will attain results 'beyond predictors of outcome in the medical literature'. A nutritional wellness program for healing of the spinal cord will be presented.

Learning Outcomes

1. To assess the spinal column and spinal cord to locate and isolate problems affecting motor and sensory function.
2. Techniques for treatment of spinal pain, dysfunction and disability.

Protective Modes

PMOD 101 Diaphragm Compression Syndromes: Comprehensive Manual Therapy for Circulation, Breathing and Pain disorders. A Total Body Approach (3 days - 2 credits)

Pre-requisites: None

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

When an injury occurs, and there is an area within the body that is damaged or weakened, a protective response occurs as a result. The body creates an impingement syndrome around the injured structure, thereby inhibiting movement. By restricting movement, the body protects itself from further damage to that area. Although this process of impingement and compression is a protective mode, it can cause problems. The person will experience loss of motion, pain, inflammation, and many other symptoms.

During this introductory lab course, the practitioner will learn about eliminating these compression syndromes around vessels and nerves, allowing for more movement. By improving circulation and innervation to an injured site, the body's healing is facilitated. Clinical Research using these techniques on many different patient populations has shown significant improvements in movement, pain, inflammation, and more. When Compression Syndrome treatment techniques are performed in the region of the thorax, decreased chest, shoulder, and neck pain, improved endurance and respiratory capacity, increased respiration and rib excursion, and overall increased range of motion in the thoracic, cervical, and shoulder region result.

These techniques can be used on all patient populations, including orthopedic, sports medicine, neurologic, pediatric, geriatric, and chronic pain. Decreased pain and improved movement related to trauma or surgery are seen. The neurologic and pediatric patient show changes in the synergic patterning of the upper and lower extremities caused by decreased circulation to an area. The chronic pain or fibromyalgia patient will experience decreased pain, increased movement, and decreased fatigue. During this course, extensive lab time will be focused on clinical skills training. Lectures will present critical thinking on development of treatment plans for all patient populations.

Learning Outcomes

1. The body has the inherent ability to provide protection. This ability is at least as profound as the body's ability to self-correct and self-heal.
2. The body's innate mechanisms of self-protection are reflexogenic and autonomic.
3. Fulcrum techniques for treatment of compression syndromes of the diaphragms: pelvic floor, respiratory abdominal diaphragm, thoracic inlet, mediastinum, and cranial diaphragm.

Viscera and Organ Systems

VOSYS 201 Gastrointestinal Tract: Manual Therapy for GI related Pain and Dysfunction. A Manual Therapy Solution (3 days - 2 credits)

Pre-requisites: None

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

Course Description

Abdominal pain and discomfort, cramping, heartburn, indigestion, irritable bowel syndrome, colitis, and Crohn's are common dysfunctions found in today's population. Integrative Manual Therapy for the Gastrointestinal Tract offers solutions to these everyday problems. During this course, the practitioner will learn simple techniques to decrease muscle spasm and fascial tension around the organs of the GI tract; promote circulation to and from the gut; improve absorption of nutrients and elimination of toxins. The practitioner's clinical skills will be enhanced from the considerable amount of lab time allotted during this course. These techniques can be used on all patient populations and will lead to changes in abdominal pain and cramping, hemorrhoids and bowel function, indigestion and acid reflux, colic in infants, and all other GI related symptoms.

Learning Outcomes

1. Learn general anatomy and physiology and topographical anatomy of the gastrointestinal tract.
2. Learn techniques to assess, diagnose, and treat signs and symptoms associated with gastrointestinal tract disorders.
3. Learn a Functional Home Treatment Program to promote healthy GI function.

VOSYS 202 Women's and Men's Health: Treatment for Urogenital Pain and Dysfunction. A Manual Therapy Solution (3 days - 2 credits)

Pre-requisites: None

Recommended Reading: W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

Course Description

An increase in pelvic pain and disability with age is expected among men and women. By the time they reach mid to late adulthood, they are sustaining their health with drugs or surgery. Often, there are no other alternatives offered. Solutions can be found with Integrative Manual Therapy for the Urogenital System. During this introductory lab course, the therapist will learn many simple-to-use manual techniques to address hyperactive bladder, urinary incontinence and urgency, urinary tract and yeast infections, pelvic pain and more in men and women. The concepts and techniques taught in this course address circulation in the pelvic region, mobility of the pelvic joints and pelvic organs, nervous tissue dysfunction, toxicity in the pelvic bowl, and much more. Results from these techniques include decreased pain, increased movement, and overall improved function at the pelvic region. The therapist will be able to use this approach on the orthopedic, neurologic, pediatric, geriatric, and chronic pain patient. Following successful completion of this course, the therapist will have the ability to immediately apply these tools in their daily clinical practice.

Learning Outcomes

1. General, topographical, and surface anatomy of the urogenital system.
2. Many manual techniques to eliminate pelvic pain and dysfunction.
3. How to develop a functional home program to increase strength in the pelvic muscles, decrease pelvic pain, and increase pelvic stability.
4. Protocols for treatment of women's and men's health issues, including urinary incontinence and frequency, PMS, urinary tract infections, pelvic pain, and more.

**VOSYS 361 Lung Management: Pulmonary Insufficiency and Oxidative Stress.
A Manual Therapy Solution. (Advanced Course) (3 days - 2 credits)**

Pre-requisites: Any Three CSIMT Classes.

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

Course Description

This three-day hands-on seminar will present comprehensive, state-of-the-art, advanced material for manual practitioners on Lung Management with Integrative Manual Therapy. Lung Management was developed to address all pulmonary problems, including: respiratory distress in infants and children; asthma; bronchitis; bronchiectasis; emphysema; chronic obstructive pulmonary disease (COPD); atelectasis; sick building syndrome; mold syndromes; chronic fatigue syndromes; oxidative stress and mitochondrial disorders; and more. Persons with severe pulmonary insufficiency are known to have multiple systems breakdown because of the secondary problems which occur due to poor oxygenation, hemoglobin insufficiency and mitochondrial issues affecting oxidation of tissues. This material can be used in conjunction with CSIMT's introductory level Respiratory Rehabilitation course. Respiratory Rehabilitation is highly recommended as a precursor for this seminar, Lung Management. The information in Lung Management does not include the information from Respiratory Rehabilitation. Instruction for integration of the combined material will be included. Lung Management contains advanced material, development of clinical skills, critical thinking and case-based medicine.

Learning Outcomes

1. How to assess and treat chronic and severe respiratory problems with manual therapy and nutritional wellness.
2. Advanced hands-on clinical skills, including Blueprints (previously known as Systems) and Template Therapy for treatment of severe respiratory problems.
3. How to provide successful intervention for treatment of mold problems.
4. How to recognize and treat issues of grief and despair which affect the lungs.
5. Pattern Recognition for treatment of unique lung problems, including the phrenic pattern, the azygos pattern, the dome of lung pattern, and the mitochondrial pattern.
6. A comprehensive circulation program for the lungs.
7. A diaphragm management program.
8. A drainage program for lung management.
9. A specialized Neurofascial Process home care program for lung management.

VOSYS 401 Cardiac Habilitation: Prevention and Treatment. A Manual Therapy Solution (3 days - 2 credits)

Pre-requisites: None

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). [Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders](#)

Course Description

The leading cause of death in America today is heart disease. Cardiac status affects many patients and their quality of life. This course presents a culmination of thirty years of research on the cardiac patient. During this introductory lab course in Cardiac Rehabilitation, Integrative Manual Therapy for prevention and treatment of physical disability related to cardiac disorders will be presented. The practitioner will learn simple-to-use manual techniques to address health of cardiac tissue. These techniques will lead to changes in pain, weakness, endurance, and overall function. This approach can be used on all patient populations that present with any weakness or overall decreased circulation. Lecture time will provide critical thinking and case-based medicine. Extensive lab time during this course will focus on clinical skills training.

Learning Outcomes

1. Anatomy and physiology of the Cardiac System.
2. Many Integrative Manual Therapy techniques to eliminate signs and symptoms related to cardiac problems.
3. Manual techniques to improve joint blood flow to and from all major peripheral joints.
4. Critical Thinking on how to develop short term and long term treatment plans for the cardiac patient, aimed at eliminating signs and symptoms related to cardiac disorders.

VOSYS 501 Cardiovascular Rehabilitation: Combined Vessels Approach

(3 days - 2 credits) Pre-requisites: None

Recommended Reading: W. Giammatteo, Sharon & Giammatteo, Thomas (1997).
Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

Course Description

This introductory lab course in cardiovascular rehabilitation provides the practitioner with simple-to-learn and easy-to-use manual techniques for improving total body circulation. The concepts and techniques learned in this course will lead to improved range of motion and joint mobility, as well as improved cardiovascular status and overall quality of life. Extensive lab time will be focused on clinical skills training. During this course, the therapist will learn how to apply the 'Combined Vessels Approach', a novel method to affect the tension of all major blood vessels in the body. This seminar is very different from CSIMT's course Cardiac Rehabilitation, which directly affects cardiac tissue. Cardiovascular Rehabilitation works on peripheral vascular resistance, both arterial and venous. Peripheral vascular resistance is secondary to tension in arteries and vein, including smooth muscle spasm and impingement syndromes. The patient care results will affect claudication pain in the chest, trunk, arms and legs. Skin color and other signs and symptoms will change. The practitioner will have evidence of improved circulation.

Learning Outcomes

1. Valuable assessment tools for addressing cardiovascular dysfunction.
2. Valuable techniques to improve overall circulation, decrease pain, improve function and overall quality of life.

NON-CURRICULUM COURSES

Animal Rehabilitation

ANIM 101 Integrative Manual Therapy for Animal Rehabilitation, Level One (2 credits)

Pre-requisites: CTIS 101 or CTIS 102

Recommended Reading:

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy For The Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

McCracken, Thomas O. & Kainer, Robert A. & Spurgeon, Thomas L. Spurgeon's Color Atlas of Large Animals Anatomy ISBN 0-683-30673-1

Course Description

This is an introductory course to present concepts and techniques of Integrative Manual Therapy applied to dogs, cats and horses. The course will cover relevant anatomy of the different breeds, demonstration of diagnostic tools and treatment techniques, with hands-on lab time. In addition, legislative issues, new dimensions in Veterinary Medicine and clinical research will be presented. This innovative approach was developed by Sharon Giammatteo, Ph.D., P.T., I.M.T.,C. along with Thomas Giammatteo, D.C., N.D., P.T., I.M.T.,C.

Learning Outcomes

1. A basic understanding of equine, feline and canine anatomy.
2. Resources and suggestions will be given toward self-directed anatomical studies.
3. Introduction to understanding new dimensions in Veterinary Medicine.
4. Concepts of Integrative Diagnostics, Neurofascial Process and Mapping for animal rehabilitation.
5. Specific Manual Techniques will be shown for the more common animal disorders.

**ANIM 201 Integrative Manual Therapy for Animal Rehabilitation, Level Two
(2 credits)**

Pre-requisites: ANIM 101 and Recommended: Prior coursework in treating bone bruises, immune deficiency motility, and disruptions of membrane.

Course Description

This three-day course will review the practice and procedures presented in Level One and build on these to advance students' skills in assessing and treating horses, dogs and cats. New techniques for the equine will include Cranial Base, Bone Bruise and Sacral Protocols. Techniques presented for the canine will include Spinal Protocol and Knee Dysfunction and Treatment. Spinal Protocol for the feline will also be introduced. Techniques to address the Digestive System will be presented for all three species. Lab time will be included for students to practice these skills with supervision.

Learning Outcomes

1. New concepts and manual techniques will be shown for the rehabilitation of the equine, canine and feline.
2. The digestive system and how trauma travels through the animal (breed specific) will be discussed.
3. Bone bruises, spinal and sacral protocols will be emphasized in breed specific techniques.

ANIM 501 Integrative Manual Therapy for Animal Rehabilitation, Advanced Practitioner (2 credits)

Pre-requisites: ANIM 101, ANIM 201

Course Description

This two-day seminar will be largely hands-on, focusing on learning Integrative Diagnostics and Practice Management for animals. Each seminar will be specific to only one type of animal, i.e. Equine or small animal.

The Ankle and Foot

ANKF 101 Ankle and Foot Solutions: Integrative Manual Therapy for Recovery of Lower Limb Dysfunction (2 credits)

Pre-requisites: None

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

Treating Bone Bruises, rebuilding arches, and releasing compartment syndromes are just the beginning for this advanced series on the ankle and foot. This Integrative Manual Therapy Certification Program contains exciting new manual techniques that are novel and proprietary. These protocols shift the focus away from management of the ankle and foot into full recovery from all dysfunctions. This stand alone course will give you the skills to restore archways, reverse pain syndromes, release compartment restrictions, and so much more. Structurally altering the ankle and foot anatomy and biomechanics, while providing neurological input, shifts the therapeutic paradigm away from management of dysfunction and into full reversal. During this lab-intensive course, clinical skills will be guided by experts in the field of Integrative Manual Therapy. The Critical Thinking presented in this class provides development towards independent treatment plan preparation and implementation for full recovery of the ankle and foot.

Learning Outcomes

1. Learn true comfort with evaluating and treating ankle and foot problems.
2. Learn IMT Casting, Posting, and Orthotic Intervention to shift from 'management' of dysfunction towards 'correction' of all dysfunctions.
3. Be able to relieve painful bone bruises in moments.
4. Learn IMT biomechanical strategies on and off weight bearing with advanced techniques to relieve restrictions and rebuild archways.
5. Learn Integrative Manual Therapy terminology, strategies, and techniques to reverse ankle and foot dysfunction.

ANKF 201 Balancing the Ankle and Foot - Level 2 (2 credits)

Pre-requisites: ANKF 101

Course Description

This three-day course studies the anatomy and Biomechanics of the lower extremity. It stresses evaluative skills on and off weight bearing and through the gait cycle. This workshop problem solves various lower extremity deviations seen from assessment through Integrative Manual Therapy to orthosis prescription. Considerations for the normal, arthritic, and painful foot populations will be discussed. New techniques and protocols of structural Integrative Manual Therapy for the lower leg will be presented and lab time provided. Fabrication of slipper casts for orthotic prescription will be demonstrated and practiced.

Each participant is required to bring one 4-inch roll of plaster, one pair of clinical gloves, one small plastic bowl for water (approx. 6"-10" diameter), and one small to mid-sized clean-up towel.

Learning Outcomes

1. Demonstrate an understanding of biomechanics and alignment of the lower leg, ankle, and foot with taping applications.
2. Become familiar with utilization of an angle finder for lower extremity assessment.
3. Assess with the Lower Extremity Biomechanical Checklist.
4. Become proficient in finding subtalar joint neutral and in casting for slipper casts.
5. Become familiar with footboard and temporary footplate fabrication.
6. Integrate new IMT techniques and protocols for the ankle and foot complex.
7. Become familiar with functional programs, including home programs for the ankle and foot complex.

ANKF 401 Integrative Manual Therapy of the Ankle and Foot: Focus on the Diabetic Foot (2 credits)

Pre-requisites: ANKF 101 & ANKF 201

Course Description

Amputation prevention and full recovery of the suffering diabetic foot are the primary focus of this three-day workshop. Patho-anatomy, patho-physiology, and patho-mechanics considerations will be emphasized. This course provides functional programs, including home programs, for the diabetic lower extremity. It stresses evaluative skills on and off weight bearing, continuing through the gait cycle with this population. Casting as well as sensory considerations and stimulation applications will be demonstrated and practiced. Orthosis concerns and applications will be discussed. Specific techniques and protocols of Integrative Manual Therapy for effective and efficient structural intervention with the insensitive foot will be demonstrated, with lab time provided.

Each participant is required to bring his/her angle finder and previous ANKF 101 course manuals. Each participant is required to bring one 4-inch roll of plaster, one pair of clinical gloves, one small plastic bowl for water (approx. 6"-10" diameter), one small to mid-sized clean-up towel, one pair of bandage scissors, one pair of heavy duty scissors, one retractable blade exacto knife, and one roll of 1-inch athletic tape. Other casting and fabrication material and an extensive handout are provided.

Learning Outcomes

1. Integrate an expanding understanding of the pathoanatomy, pathophysiology, and pathomechanics of the diabetic foot.
2. Become familiar with functional programs, including home programs for the diabetic lower extremity.
3. Practice assessing, aligning, and fabricating a cast.
4. Discuss orthosis progression for the diabetic population.
5. Understand sensory considerations and stimulation applications for the insensitive foot.
6. Consider specific IMT techniques and protocols for amputation prevention and full recovery of a suffering diabetic foot.

ANKF 402 Integrative Manual Therapy of the Ankle and Foot: Focus on the Pediatric Foot (3 credits)

Pre-requisites: ANKF 101& ANKF 201

Course Description

This four-day workshop studies developmental biomechanics of the lower extremity. It focuses on typical deviations as well as various pediatric orthopedic and neurologic considerations, such as club foot, Down's Syndrome, cerebral palsy, and attention deficit. It stresses evaluative skills on and off weight bearing, continuing through the gait cycle with these populations. The gross motor portion of the Pre and Post Video (PPV) Functional Record will be presented, and footboard and footplate fabrication skills will be facilitated during an extensive lab. Sensory stimulation techniques for desensitizing and for facilitating awareness and motor control will be given. Numerous bracing samples will be available as orthosis prescription and progression are reviewed in case-study format. Specific techniques and protocols of Integrative Manual Therapy for effective and efficient structural intervention with the pediatric foot will be demonstrated with lab time provided. Quadriennial planning with functional programs, including home programs, for the pediatric lower extremity are also a part of this course.

Each participant is required to bring his/her angle finder and previous ANKF 101 course manuals. Each participant is required to bring one 4-inch roll of plaster, one pair of clinical gloves, one small plastic bowl for water (approx. 6"-10" diameter), one small to mid-sized clean-up towel, one pair of bandage scissors, one pair of heavy duty scissors, one retractable blade exacto knife, and one roll of 1-inch athletic tape. Other casting and fabrication material and an extensive handout are provided.

Learning Outcomes

1. Integrate an expanding understanding of developmental biomechanics, as well as typical and neurologic deviations of the pediatric foot.
2. Become familiar with quadriennial planning, functional programs including home programs for the pediatric lower extremity.
3. Become proficient in assessing, aligning, and fabricating a footboard and footplate.
4. Discuss orthosis progression for the pediatric populations.
5. Understand sensory considerations and stimulation applications for the pediatric foot.
6. Consider specific IMT techniques and protocols for specific pediatric populations.

ANKF 403 Integrative Manual Therapy of the Ankle and Foot: Focus on the Adult Neurological Foot (3 credits)

Pre-requisites: ANKF 101 & ANKF 201

Course Description

This four-day course focuses on the adult head injury, stroke, and spinal cord populations. It stresses evaluative skills on and off weight bearing, continuing through the gait cycle with these populations. The gross motor portion of the Pre and Post Video (PPV) Functional Record will be presented, and footboard and footplate fabrication skills will be facilitated during an extensive lab. Sensory stimulation techniques for desensitizing as well as for facilitating awareness and motor control will be given. Numerous bracing samples will be available as orthosis prescription and progression are reviewed in case-study format. Specific techniques and protocols of Integrative Manual Therapy for effective and efficient structural intervention with the adult neurologic foot will be demonstrated with lab time provided. Quadriennial planning with functional programs, including home programs, for the adult neurologic lower extremity are also a part of this course.

Each participant is required to bring his/her angle finder and previous ANKF 101 course manuals. Each participant is required to bring one 4-inch roll of plaster, one pair of clinical gloves, one small plastic bowl for water (approx. 6"-10" diameter), one small to mid-sized clean-up towel, one pair of bandage scissors, one pair of heavy duty scissors, one retractable blade exacto knife, and one roll of 1-inch athletic tape. Other casting and fabrication material and an extensive handout are provided.

Learning Outcomes

1. Integrate an expanding understanding of the foot patterns of the adult head injured stroke, and spinal cord populations.
2. Become familiar with quadriennial planning, functional programs, including home programs for the adult neurologic lower extremity.
3. Become proficient in assessing, aligning, and fabricating a footboard and footplate.
4. Discuss orthosis progression for the adult neurologic populations.
5. Understand sensory considerations and stimulation applications for the adult neurologic foot.
6. Consider specific IMT techniques and protocols for specific adult neurologic populations.

ANKF 404 Splinting of the Ankle and Foot (2 credits)

Pre-requisites: ANKF 101 & ANKF 201

Course Description

This is a three-day advanced workshop designed for obtaining skills with using aquaplast (low temperature thermoplast) for controlling ankle and foot alignments. It directs its focus on problem solving the neurologically involved individual requiring lower extremity splinting for night time and day time splints. The course contains theory, guidelines, demonstrations, and extensive lab practicum. Lower extremity systems covered include solid and articulating ankle and foot splints, heel and supramalleolar stabilizers, genu recurvatum splints, and anti-pronation clips.

Each participant is required to bring his/her angle finder and previous ANKF 101 course manuals. Each participant is required to bring one small plastic bowl for water (approx. 6"-10" diameter), one small to mid-sized clean-up towel, one pair of bandage scissors, one pair of heavy duty scissors, and one wax pencil (crayon can be used). Other splinting and fabrication material and an extensive handout are provided.

Learning Outcomes

1. Integrate an expanding understanding of the ankle and foot alignments and trimlines required for splinting the neurologically involved client.
2. Become familiar with night time splinting versus daytime splinting.
3. Demonstrate beginning skills in assessing, aligning, and fabricating solid and articulating ankle and foot splints, heel and supramalleolar stabilizers, genu recurvatum splints, and anti-pronation clips.
4. Discuss splinting progression for the neurologic populations.

ANKF 405 Integrative Manual Therapy of the Ankle and Foot: Focus on the Athletic Foot (2 credits)

Pre-requisites: ANKF 101& ANKF 201

Course Description

This three-day workshop studies biomechanics of the lower extremity through running, cycling, field sports, and court sports. It focuses on typical deviations as well as various sport related considerations. It stresses evaluative skills on and off weight bearing, continuing through the sport cycle with these populations. Modifications for footboard, footplate, and orthotic prescription will be discussed. Athletic taping will be demonstrated and practiced in an extensive lab practicum. Sensory cuing for desensitizing and for facilitating awareness and motor control will be given. Specific techniques and protocols of Integrative Manual Therapy for effective and efficient structural intervention with the athletic foot will be demonstrated with lab time provided. Quadriennial planning with functional programs, for the leisure, elite, collegiate, professional, and Olympic athlete is part of this course.

Learning Outcomes

1. Integrate an expanding understanding of sport biomechanics, as well as typical deviations of the athletic foot.
2. Become familiar with quadriennial planning for functional programs.
3. Become proficient in assessing, aligning, fabricating a footboard and footplate.
4. Discuss orthosis progression for the various sports requirements.
5. Understand sensory considerations and stimulation applications for the athletic foot.
6. Consider specific IMT techniques and protocols for specific sport populations.

**ANKF 501 Comprehensive Integrative Manual Therapy: for the Ankle and Foot
(3 credits)**

Pre-requisites: ANKF 10, ANKF 201, ANKF 401, ANKF 402, ANKF 403, ANKF 404, & ANKF 405

Course Description

This four-day comprehensive course reviews material covered in the previous ANKF 101 courses. Proficiencies in assessment on and off weight bearing, through the gait cycle, and with specific populations is stressed. This workshop problem solves clinical pitfalls experienced by the participants. Specific sessions cover various clinical applications of Integrative Manual Therapy structural techniques, functional programs, home programs, taping, splinting, and orthosis prescription. Participants will be grouped to problem solve and present a case study to the class. The exit examination consists of a 2 hour comprehensive written test, as well as a 2 hour comprehensive lab practicum.

Each participant is required to bring his/her angle finder and previous ANKF 101 course manuals. Each participant is required to bring one 4-inch roll of plaster, one pair of clinical gloves, one small plastic bowl for water (approx. 6"-10" diameter), one small to mid-sized clean-up towel, one pair of bandage scissors, one pair of heavy duty scissors, one retractable blade exacto knife, one wax pencil (crayon can be used), and one roll of 1-inch athletic tape. Other casting and fabrication material and an extensive handout are provided.

Learning Outcomes

1. Demonstrate proficiency in the anatomy, terminology, biomechanics, and pathoanatomy, pathoterminology, pathomechanics concerning the ankle and foot.
2. Demonstrate competency in assessment both intrinsic and extrinsic, on and off weight bearing, and through the gait cycle.
3. Demonstrate competency in utilizing an angle finder and the Lower Extremity Biomechanical Checklist.
4. Demonstrate competency in fabricating slipper casts, footboards, footplates, casting and splints.
5. Demonstrate an understanding of orthosis prescription and progression with various populations.
6. Demonstrate understanding and use of functional and sensory programs for various populations.
7. Demonstrate understanding and use of IMT structural techniques and protocols for various populations.
8. Demonstrate understanding of Quadriennial Planning and the implications for various populations.

Body/Mind System

BODM 101 Neuro Fascial Process (2 credits) Pre-requisites: None

Required Reading:

W. Giammatteo, Sharon (2002). Body Wisdom: Light Touch for Optimal Health (Giammatteo, Thomas Ed.)

Course Description

Sharon W. Giammatteo, Ph.D., P.T., I.M.T.,C. developed Neurofascial Process (NFP) in the early 1980's, during her doctoral research. It has been used on thousands of patients over the last two decades. NFP is beneficial in changing every sign, symptom, and dysfunction. It is a process of diagnostics and treatment that can be performed on the athlete for acute injury, on the neurologic patient for decreased spasticity and increased motor function, on the child with colic, on the chronic pain patient for relief of pain and discomfort, and so much more. In this course in Structural Rehabilitation, the practitioner learns how to utilize these manual self-help techniques on themselves and their patients. Clinical skills will be enhanced with this course. The concepts presented in this class teach the student how to use critical thinking to develop specific rehabilitation plans for different patient populations. These simple techniques can be designed as a homework program for the patient and their family.

Learning Outcomes

1. What is Neurofascial Process.
2. How to use Neurofascial Process for treatment of dysfunction, disease, disability and disorders of all manners in all client populations.

BODM 201 Limbic Reaction Response (Advanced Course) (2 credits)

Pre-requisites: Any three CSIMT classes plus any level of a Cranial class.

Course Description

We have been investigating the function of the limbic system for many years. Sharon W. Giammatteo, Ph.D., P.T., I.M.T.,C.'s doctoral studies included clinical research into neuroaggressive behaviors resulting from limbic system dysfunction. Attitudes and behaviors, relationships and every day functions are affected from limbic reaction responses. What is a limbic reaction response? A limbic reaction response is an uncontrollable reaction to a situation. What events can trigger a limbic reaction response for a person? What has lowered the threshold to stress, and lowered the threshold for limbic reaction responses? What are our weaknesses which are triggered by our limbic reaction responses? More fear. Greater tendency to rage. More likelihood to hurt others, whether verbally, or physically. This course will provide solutions, short term and long term goals and objectives.

Learning Outcomes

1. What is a Limbic Reaction Response.
2. How to recognize a Limbic Reaction Response in others.
3. How to respond, short term and long term, to a Limbic Reaction Response in others.
4. How to respond, short term and long term, to a Limbic Reaction Response in oneself.
5. How to decrease Limbic Load.

BODM 321 Anger Management & Co-dependency (2 credits)

Pre-requisites: Any three CSIMT classes.

Course Description

This three-day practical course will provide a solution for anger management and codependency. Emotions underlie behaviors; these behaviors and manifestations are reasons for the breakdown of relationships at home and at work. Using manual techniques to attain release of emotions, which are affecting daily activities, can be a powerful and unique approach.

This approach is directed towards body-work which will affect specific emotions. Incorporating unique techniques such as Templates, Synchronizers, Hypothalamus Regulation Mechanisms, Reference Points and Blueprints with Diagnostics and Process will attain remarkable results for participants, to use with clients of all populations.

Anger management and codependency will be presented for application with clients, for Self-help, for family dynamics and companies.

Learning Outcomes

1. Manual Therapy and IDAP tools to help process anger and decrease co-dependency.
2. Many protocols to support emotional processing.

BODM 401 Integrative Diagnostics: Letting Go Of Fear (2 credits)

Pre-requisites: None

Recommended Reading:

W. Giammatteo, Sharon (2002). Body Wisdom: Light Touch for Optimal Health
(Giammatteo, Thomas Ed.)

Course Description

Today, in the United States, our lives are controlled by our fears. We have so many fears that we have difficulty even expressing them. So much of our pain and disability is because of these fears. This course is designed for the physical therapist, massage therapist, and manual practitioner to provide you with simple to use techniques to 'let go of fear'. This new manual approach in Structural Rehabilitation can be applied easily in a treatment session on all patient populations, including orthopedic, sports medicine, neurologic, pediatric, geriatric, chronic pain, and more. This process of 'letting go of fear' can be individualized to any patient's process. These techniques will help to empower patients and help them return to optimal functioning. Clinical skills will be enhanced with this course. The concepts presented in this class teach the student how to use critical thinking to develop specific rehabilitation plans for different patient populations.

Learning Outcomes

1. How to identify fear when it affects rehabilitation and recovery.
2. How to allow the client to address issues of fear and progress towards more functional outcomes.

BODM 501 The Essential Body (Advanced Course) (3 credits)

Pre-requisites: BODM 301 and at least three CSIMT classes.

Course Description

The Essential Body is an advanced course in IDAP (Integrative Diagnostics for Applied Psychosynthesis). Concepts will be presented within a manual therapy approach. Multiple tools for the advanced health care practitioner are provided. This is an Advanced Clinical Skills seminar. There is significant Lab time in this seminar.

For the purpose of this course, the Essential Body integrates all other Bodies of Energy, including Emotional, Mental / cognitive, Personal and other. The Essential Body facilitates internal communication.

When does the Essential Body break down? How does it break down? What happens to communication when the Essential Body breaks down? Is communication with the external world compromised? Is communication within the body, within the person, compromised? These questions and more will be discussed.

Learning Outcomes

1. Knowledge of the Essential Body.
2. Manual techniques to treat the Essential Body.
3. IDAP integration.

BODM 521 Trauma Reaction Response: The Vagus (Advanced Course) (3 credits)

Pre-requisites: At least three CSIMT classes plus any other BODM course.

Course Description

This exciting four-day lab course, developed by Sharon W. Giammatteo, Ph.D., P.T., I.M.T.,C. and Lissa Wheeler, Ph.D., will present all new material, important for Practitioners and Patients. Learn to treat and manage your own trauma manifestations. Develop clinical skills to support patient care.

Learning Outcomes

1. The student will learn about the anatomy, physiology, and patho-physiology of trauma.
2. The student will learn manual therapy treatment and diagnostic techniques for treatment of the physiological dysfunction associated with trauma.

Connective Tissue System

CTIS 201 Fascial Strands: Concepts in Tensegrity for Structural Integrity (Advanced Course) (2 credits)

Pre-requisites: Any Three CSIMT classes plus CTIS 101

Course Description:

Fascial Strands are defined as hypertrophy of connective tissue fibers. Apparently these are the fibrous thickening which present as fibroid tumors. During this seminar, the student will develop their clinical skills through extensive lab time. Techniques will be taught to address the tissues that cause obstruction and space occupying pressures. Critical thinking will also be enhanced. It is recommended that participants come with an anatomy atlas and knowledge of the connective tissue system. Participants should have some clinical skills in manual therapy, especially Myofascial Release.

Learning Outcomes

1. The student will learn how to palpate fascial strands.
2. The student will gain knowledge of the connective tissue system and associated patho-physiology.
3. The student will learn how to correct fascial strands and hypertrophy using manual therapy.

CTIS 301 The Art of Tissue and Joint Unwinding (2 Credits)

Pre-requisites: None **Recommended Reading:**

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

This course presents a new and improved way to achieve soft tissue and joint mobilization. It is designed for the physical therapist, massage therapist, and manual practitioner. Unwinding can be used on the athlete that has suffered an acute injury to decrease pain and swelling and increase movement; on the person with sciatica and chronic low back pain to relieve pain and paresthesia; on the infant with torticollis to increase neck movement; on the person with hemiplegia to decrease spasticity and increase normal movement; and so much more. These gentle and nonaggressive techniques can also be used to increase strength and stability, improve balance, and increase circulation. Clinical skills will be enhanced with this course. The concepts presented in this class teach the student how to use critical thinking to develop specific rehabilitation plans for different patient populations.

Learning Outcomes

1. The practitioner will learn to perform soft tissue and joint unwinding.

CTIS 401 "Roaming" - A Clinical Skills Course (Advanced Course) (2 credits)

Pre-requisites: Any Three CSIMT classes.

Course Description:

'Roaming' is a clinical skills course. During this course, participants will gain the ability to diagnose with hands-on expertise, and treat the dysfunction which is 'discerned' by Roaming. This is a multidimensional approach using 'technique' to find and correct mild through severe dysfunction. This method will address patho-anatomy, patho-physiology, patho-biomechanics and patho-energetics.

Learning Outcomes

1. The participant will learn how to assess and treat dysfunction with the technique called 'Roaming'.

Cranial and Nervous System

CRNS 105 Treatment of Facial Palsy and Bells Palsy with Integrative Manual Therapy (2 credits)

Pre-requisites: None

Recommended: MSKEL 101 and CTIS 101

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description:

During this introductory lab course, the student will learn a comprehensive treatment protocol for the treatment of facial paralysis. Included in this protocol are manual therapy technique to address dysfunction of multiple systems such as connective tissue, nervous tissue, vascular tissue, lymphatic tissue, and more.

Learning Outcomes:

1. Pathoanatomy and pathophysiology associated with facial paralysis.
2. Manual Therapy techniques to decrease facial paralysis.

CRNS 450 The Cranial Base: Treatment with IMT. An Integrated Systems Approach (Advanced Course) (2 credits)

Pre-requisites: At least 3 CSIMT Classes. Osseous Bridging and Coccyx Phenomenon

Course Description

This advanced lab course will provide manual therapy solutions for optimal treatment results at the cranial base. Techniques and other user-friendly IMT solutions will be presented to correct pathoanatomic causes of pain and inflammation. Problems at the cranial base cause headaches and migraines, orthopedic and neurologic disorders, affecting the spinal column, spinal cord and beyond. Advanced biomechanics will not be presented at this course. It is therefore highly recommended that participants have studied Osseous Bridging and Coccyx Phenomenon.

Learning Outcomes

1. Anatomy of the cranial base
2. 'Patterns' of pathoanatomy within the region of the cranial base
3. Techniques and other IMT solutions to correct dysfunction of the cranial base with an Integrated Systems Approach
4. Clinical Skills: what is primary? Spinal column? Spinal Cord? Other?

**CRNS 501 Cranial Therapy Series: Postural Reflexes (Advanced Course)
(3 credits)**

Pre-requisites: None

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

In this Cranial Course, the student will learn about Postural Reflexes. In addition, the student will be introduced to more Compression Syndromes for the eyes, ears, nose and mouth. The focus of this seminar is to improve balance, coordination and equilibrium with an approach which affects the vestibular system with cranial therapy. Developed by Sharon W. Giammatteo, Ph.D., P.T., I.M.T.,C. and Thomas Giammatteo, D.C., N.D., P.T., I.M.T.,C., clinical research provides evidence that this approach improves function for all client populations.

Learning Outcomes

1. Techniques to improve posture, balance, coordination and equilibrium of the head and neck, trunk, low back, and pelvis, arms and legs.
2. Introductory methods of Proprioceptive Neuromuscular facilitation to enhance balance, coordination, strength and equilibrium.
3. Techniques to decrease pain and dysfunction of the craniofacial structures.

CRNS 502 Cranial Therapy Series: Blood Flow Techniques (Advanced Course)
(3 credits)

Pre-requisites: CRNS 201 and NEUR 291 -OR- CRNS 301

Required Reading: Vasculature in the Brain (Publisher: Thieme; ISBN: 0-86577-784-5)

Course Description

The techniques and concepts offered in this course were developed by Sharon W. Giammatteo, Ph.D., P.T., I.M.T.,C. and Thomas Giammatteo, D.C., N.D., P.T., I.M.T.,C during thirty years of clinical research with manual therapy for the severe neurologic client.

This approach affects circulation to and from the brain, and results in remarkable changes in pain, disability and function. All vasculature of the cerebrum, cerebellum and brain stem will be affected.

Learning Outcomes

1. Blood vessels of the brain: anatomy, function and physiology.
2. Techniques to improve blood flow to and from the brain.
3. Assessment of signs and symptoms for pre and post testing to ensure changes and documentation.

CRNS 503 Cranial Therapy Series: The Eye (Advanced Course) (3 credits)

Pre-requisites: CRNS 401

Course Description

This 3 day lab course will emphasize the eye, vision and common dysfunctions of the eyes. Techniques to improve visual acuity and eye integrity and movement will be presented. Integrative Manual Therapy will be practiced in lab. Anatomy, physiology, mechanics and energies will be included in this course, as well as a variety of treatment approaches. Enhance clinical skills and critical thinking for improved vision! A review of cranial, lymphatic, compression syndromes and other techniques that have been presented in previous course will also be presented. This is an exceptional course using Integrative Manual Therapy to promote recovery from a variety of vision and eye related dysfunctions, including loss of night vision, near sightedness, far sightedness, nystagmus, corneal ulcers, glaucoma, cataracts, detached retina, pink eye and more. There are no pre-requisites and participants will learn recovery motilities for the treatment of disruptions of membranes and bone bruises throughout the body as well as applications to the eyes. The material encompasses compression syndromes and neural tissue tension. We will focus on gaining efficient cranial biomechanics and on improving vasculature and immune function of the visual apparatus and surrounding tissues.

Learning Outcomes

1. Learn techniques for improved structure: anatomy, physiology, mechanics and energies are included.
2. Understand Integrative Diagnostics in order to prepare a treatment plan for clients who want improved vision as the goal.
3. Augment clinical skills related to 'technique': how to work around the eyes.
4. Improve critical thinking regarding structural rehabilitation for the eyes to improve functional potential for vision.

CRNS 504 Cranial Therapy Series: Stroke (Advanced Course) (3 credits)

Pre-requisites: NEUR 291

Recommended Pre-requisite courses: The techniques, concepts and information in the following courses will facilitate optimal results with the Information Technology presented:

1. Cardiac Rehabilitation: Prevention and Treatment. A Manual Therapy Solution. (VOSYS 401)
2. Cardiovascular Rehabilitation: Prevention and Treatment. A Manual Therapy Solution. (VOSYS 501)
3. Cranial Therapy Advanced Level Two: Blood Flow Techniques (CRNS 502)
4. The Heart: Manual Therapy for Heart Consciousness. (VOSYS 600)
5. The Lymphatic Series (Immunity and Detoxification): IMDE 101, IMDE 201, IMDE 301, IMDE 401.

Further Recommendation: CRNS 504 is not in any way a similar course to NEUR 207 (Stroke and Hemiplegia: A Manual Therapy Solution). NEUR 207 is for those who are unfamiliar with concepts and approaches for prevention and treatment of stroke and hemiplegia. NEUR 207 is not a course which teaches advanced cranial therapy techniques.

Course Description

This three-day course in Advanced Cranial Therapy will present concepts and techniques for prevention and treatment of stroke. It is an advanced cranial therapy seminar. The following areas will be covered. 1. Cardiac Induced Stroke: a protocol; 2. Pancreas Induced Stroke: a protocol; 3. The Cranial Base: The effect of the Circle of Willis as a cause of stroke; techniques; 4. Sulci: The effect of brain sulci as a cause of stroke; techniques; 5. Neural Exudate: Post-stroke damage; technique.

Learning Outcomes

1. Motilities associated with cerebral vascular accidents (CVA, Stroke).
2. IMT techniques to effect persons who are vulnerable to get a stroke.
3. IMT to effect stroke.

CRNS 505 EARS and Correction of Vestibular Mechanisms with Integrative Manual Therapy. Treatment for Tinnitus, Headaches and Balance (Advanced Course) (2 credits)

Pre-requisites: 3 CSIMT seminars plus any 2 cranial courses from any educational institution.

Course Description

The Cranial work will alleviate tension of the ear and its internal mechanisms, and will influence the temporal region.

The focus of the hands-on work presented in this seminar is the reduction of 'the medial subluxation of the vestibular mechanism'.

Patient care results include remarkable decrease in tinnitus (ringing in the ear syndrome), improved balance, decreased head pressure and pain, and often improved hearing.

Learning Outcomes

1. Anatomy and Pathoanatomy
2. An Ear and Temporal Protocol
3. Reduction of the Medial Subluxation of the Vestibular
4. Mechanism: Lots of Lab Time!
5. Improved Sphenobasilar Integrity and CranioSacral Movement

CRNS 510 The Middle Cerebral Artery: A Common Cause of Peripheral Vascular Resistance, Headaches, Migraines, Cardiovascular and Heart Disease (Advanced Course) (3 credits)

Pre-requisites: Any five CSIMT seminars plus CRNS 502

Course Description

The middle cerebral artery (MCA) is recognized as the 'stroke blood vessel'. Blood pressure, coronary heart disease, cardiovascular and circulation disorders are linked to the MCA. Peripheral vascular diseases and their signs and symptoms, such as deep vein thrombosis (DVT), which are the cause of pain and leg problems will be presented at this course. The connection between the MCA, headaches and migraines will be explored. This 4 day practical seminar will explain many of the common problems we find in our clinics, especially in the 40 year old person and older. During this course, the learner will be presented with a variety of techniques and protocols for promoting circulation of the head.

Learning Outcomes

1. The student will learn anatomy and physiology of cerebral vasculature.
2. The student will learn various motilities to palpate physiology and patho-physiology of cerebral vasculature.
3. The student will learn many manual therapy techniques to promote circulation of the cerebral vasculature.

Endocrine System

ENDO 201 Treatment of Diabetes with Manual Therapy, Nutritional Wellness and Rehabilitation (Advanced Course) (2 credits) Pre-requisites: Any three CSIMT classes.

Course Description

This practical lab course is for advanced manual therapists. Intervention to treat the patho-anatomy, patho-physiology, patho-mechanics and patho-energetics of the pancreas will be presented. This course includes 'techniques' and critical thinking / clinical reasoning regarding Insulin Resistance, Hyperinsulinemia, Metabolic Syndrome, Pre-Diabetes and Diabetes. Outcomes with manual therapy are clear: indications that manual therapy contributes remarkably to rehabilitation towards recovery for people with various pancreas syndromes. Included in this presentation is an understanding of dietary recommendations as well as a course of action with nutritional supplements. Exercise regimes to contribute to the changing paradigms in rehabilitation medicine will be explored.

Whether severe and chronic, early stages, pediatric or adult - everyone can decrease the signs and symptoms of diabetes and pre-diabetes with manual therapy. There is a pandemic of diabetes and pre-diabetes in the USA. There are good medical interventions, which will arrest the progress. Yet manual therapy is meant as a corrective process: treat the tissue problems to contribute to alleviation of this syndrome.

Although this is only a three-day seminar, the material is well organized for user-friendly application in any clinical setting. Advanced Integrative Manual Therapy will be presented at this course, yet the clinical skills required are basic. Template Therapy and Blueprints are advanced clinical skills and will contribute to a shift in outcomes.

Learning Outcomes

1. Overview of insulin resistance and metabolic syndrome.
2. Knowledge of techniques for treatment of diabetes.
3. How to treat patho-anatomy and patho-physiology of the pancreas.

ENDO 400 Introduction to Hypovolemia (Advanced Course) (2 credits)

Pre-requisites: Any Three CSIMT Classes and Osseous Bridges

Course Description

This lab course will provide an introduction and initiation to Hypovolemia. It is necessary to be competent in the field of Osseous Bridges (field of Bone Bruises).

Osseous Bridges are the ultimate protective mode. What are they protecting? Many problems can lead to Osseous Bridges including the condition of Hypovolemia, which means low blood volume. Over 500,000 people are hospitalized with Hypovolemia each year in the United States. Over 50% of these individuals die. This is a significant problem. This condition is associated with shock, adrenal stress, heart conditions, diabetes, sepsis, renal problems and more.

Learn how to find Hypovolemia and how to correct Hypovolemia with manual therapy and nutrition. Learn about the Hypovolemia Program with IMT, a remarkably successful program. Learn how to use advanced IMT: techniques, Blueprints, Templates, Nutrition. Learn Case Based Medicine relating to this patient population with Osseous Bridges and Hypovolemia. Develop a safe treatment plan using Case Based Medicine, Critical Thinking and Integrative Diagnostics. Practice techniques and develop Clinical Skills!

Learning Outcomes

1. Overview: Learn to develop, evaluate and treat local, regional and total body conditions of Osseous Bridges for all joints of the arms, legs, ribs, spine, cranium and face.
2. Learn to recognize and treat Bone Bars and "Sacral Plexus Scraping;"
3. About the condition of Hypovolemia.
4. How to evaluate and treat mild, moderate and severe Hypovolemia.

ENDO 501 Adrenals and Stress (Advanced Course) (2 credits)

Pre-requisites: Any three CSIMT classes.

Course Description

This seminar includes Integrative Manual Therapy, Integrative Diagnostics, Physical Functional Medicine and Biophysiology (Nutritional Wellness / Functional Medicine) to treat Adrenal Exhaustion and Insufficiency.

Learning Outcomes

1. Signs and symptoms related to adrenal insufficiency and hyperfacilitation.
2. How to address with manual therapy: terror, panic, anxiety, stress, nervousness, concern and worry.
3. How to treat pathoanatomy and pathophysiology of adrenal dysfunction with manual therapy and physical functional medicine.

Geriatric Rehabilitation

GERI 201 Geriatric Rehabilitation: Focus on Structural Integrity (2 credits)

Pre-requisites: None

Course Description

This lab course will present solutions for major causes of pain, movement restrictions, loss of function and hopelessness in the geriatric patient. More than 30 years of scientific research and successful therapeutic intervention for aging people has led to a realization: people age from degeneration, not from old age. Mental functioning is dependent upon circulation, the free flow of life force, nutritional elements and structural integrity. Spinal motion and movements of the arms and legs can be restored in this client population. Digestion, elimination and other functions improve when structural integrity is restored. Learn simple, non-invasive and non-aggressive techniques.

Learning Outcomes

1. Common and typical difficulties for the geriatric patient which contribute to degeneration.
2. Techniques to improve structural integrity of the spine and extremities.
3. Techniques to improve digestion and elimination.
4. Techniques to decrease pain.

Immunity and Detoxification

IMDE 102 Inflammation: A Manual Therapy Solution (2 credits)

Pre-requisites: None

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

This seminar presents concepts and techniques in manual therapy for treatment of inflammation. These new and unique techniques address pain and inflammation in all disability and disease. This approach will bring manual therapists into the 21st century. During this course, critical thinking will be enhanced with guidelines presented on how to develop treatment plans specific to decreasing inflammation. Clinical skill will be developed through extensive lab time.

Learning Outcomes

1. Basic immunology to understand inflammation.
2. Techniques to treat inflammation locally, regionally, systemically, and total body.

IMDE 103 Lymph Nodes and Lymph Vessels: A Manual Therapy Solution for Treatment of Immune Deficiency and Infection (2 credits)

Pre-requisites: None.

Recommended Reading: W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

The field of Manual Therapy in Immunology is wide open. We are in the 21st century. Immune Deficiency is overwhelming Americans: Food poisoning; Lyme Disease; heart and circulatory inflammation and infection; irritable bowel syndrome; and so much more. Sharon W. Giammatteo, Ph.D., P.T., I.M.T.,C, and Thomas Giammatteo, D.C., N.D., P.T., I.M.T.,C. developed Advanced Strain and Counterstrain during doctoral research: for treatment of muscle spasm in blood vessels and other smooth muscles. Post-doctoral clinical research investigated Immunology and Integrative Manual Therapy for the Immune System. Manual therapy for treatment of Lymph Nodes and Lymph Vessels is used to improve and restore immune function for patients with immune deficiency. It works! Clinical research results reflect the success of this approach with all client populations: to reduce inflammation and infection; to decrease pain and swelling; to increase ranges of motion; to facilitate healing and wellness.

Learning Outcomes

1. Basic immunology to understand immune deficiency and immunocompetence.
2. Advanced Strain and Counterstrain Techniques developed by Giammatteo and Giammatteo to treat lymph nodes and lymph vessels.

IMDE 141 Comprehensive Treatment of Joint Dysfunction with Manual Therapy, for the Painful, Pre and Post Surgical, Inflamed and Infected Joint (2 credits)

Pre-requisites: None.

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

This practical lab course will provide manual therapy techniques to affect severe and chronic joint inflammation and infection. These techniques can be used for any joint dysfunction. This approach is especially effective for hips, knees and shoulders.

With this approach, the therapist can anticipate reduced inflammation and infection. Accelerated healing, including post surgical recovery is enhanced. Recovery is presented as reduced swelling, improved temperature, increased strength and ranges of motion. The techniques can be incorporated into any rehabilitation program, in any clinical setting. Functional outcomes for activities of daily living will be immediate. These techniques are effective with total knee and total hip surgeries, as well as other surgical interventions.

This is advanced manual therapy material, yet the approach is gentle and non-invasive, easy to learn and straightforward to use. The comprehensive study guide can be used as a clinical workbook. Critical thinking and clinical reasoning will be integrated into this presentation. Documentation for Evidence based practice will be discussed.

Learning Outcomes

1. Common joint dysfunctional patterns secondary to toxicity and inflammation.
2. Techniques to promote immunity, circulation, mobility and structural integrity of the peripheral joints.

IMDE 301 Lymphatic Series, Level Three: Lymph, Lymph-related Disease, Disorders and Disability. (Advanced Course) (2 credits)

Pre-requisites: IMDE 201, VOSYS 502, VOSYS 401, VOSYS 501, PMOD 201, PMOD 202, PMOD 101

Course Description

This seminar will present advanced concepts and techniques for comprehensive rehabilitation of persons with diseases and disabilities related to compromised immune function.

Learning Outcomes

1. Development of treatment plans for persons with immune deficiency, auto-immune problems, disease and disability related to the lymphatic system;
2. Techniques for enhancement of lymphatic system function;
3. Exercise regimen and functional medicine to improve lymphatic function.

IMDE 401 Lymphatic Series: Level Four: Immune Function: The Pancreas and The Heart (Advanced Course) (2 Credits)

Pre-requisites: IMDE 101, IMDE 201, VOSYS 501-highly recommended.

Course Description

This three-day practical seminar will focus on the glandular breakdown of the pancreas, with Integrative Diagnostics and Integrative Manual Therapy for dysfunction, disease and disability related to Syndrome X, Insulin Resistance, Hyperinsulinemia and Diabetes II. Biohysiology/Functional Nutrition will be included to address pancreas-induced coronary heart disease.

Learning Outcomes

1. Insulin resistance and Metabolic Syndrome.
2. Pancreas dysfunction and IMT techniques to help healing.
3. An effect of the pancreas on the heart and how to treat effectively with IMT techniques.
4. Fistula and exudate.

IMDE 421 Biologic Solutions for Infectious Disorders (Advanced Course) (2 Credits)

Pre-requisites: Any Three CSIMT Classes

Course Description

This advanced Integrative Manual Therapy (IMT) lab course is part of a series: IMT for Biologic Medicine. Manual therapists (MD, DO, ND, DC, PT, OT, MT, IMT, other) typically treat dysfunction to reduce pain and improve function. This series of manual therapy seminars, called IMT for Biologic Medicine, is a new era for manual medicine: techniques to affect the tissues contributing to disease. An exceptional approach to contribute to prevention and intervention for chronic disorders and diseases.

The content of this course can be utilized to: reduce immune deficiency, increase immunocompetence, and decrease local, regional and systemic infection and inflammation.

There are other IMT seminars in this series geared toward the reduction and elimination of soft tissue and joint dysfunction contributing to infection and inflammation. Among these courses; The Gastrointestinal Tract, Visceral Fascial Release, Inflammation, The Liver, The Lymphatic Series, Irritable Bowel Syndrome.

Discussions regarding immunology will provide the student with critical thinking and clinical reasoning, in order to begin to develop an expertise in this field. A multidisciplinary approach is best for treatment of infectious disease.

Learning Outcomes

1. Manual Therapy to promote immuno-competence.
2. Protocols for treatment of immune deficiency.

IMDE 521 Hyperplasia Syndromes (Advanced Course) (2 credits) Pre-requisites:

Requires Twenty CSIMT classes including MPR1 and MPR2; and Basic Recovery Motilities. Basic Recovery Motilities include DOM (Disruption of Membrane technique), IDM (Immune Deficiency Motility), BB (Bone Bruise technique). DOM and IDM are taught in all the Visceral Mobilization courses as well as all the Compression Syndrome courses. BB are taught in the Compression Syndromes of the Upper and Lower Extremities course as well as in the Cranial Therapy Series and in the Advanced Clinical Biomechanics of Sacrum course. There are other courses as well that we cover basic Recovery Motilities.

Course Description

This seminar will be mostly didactic with some hands-on lab. Integrative Diagnostics and treatment approaches will be presented for many Hyperplasia Syndromes. Patterns to recognize these syndromes will be presented.

Learning Outcomes

1. Many different syndromes which can be discerned and treated by the Manual Practitioner;
2. Several approaches to treatment of Hyperplasia.

Integrated Curriculum *and* **Biophysiology/Functional Nutrition**

BIOPH 221 Treatment of Mercury Toxicity with IMT Physical Functional Medicine and Nutritional Wellness (Advanced Course) (2 credits)

Pre-requisites: Any Three CSIMT Classes.

Course Description

This 3 day practical seminar will show practitioners how to locate dysfunction which is caused by mercury toxicity, and how to treat this problem with manual therapy and a nutritional wellness program.

Learning Outcomes

1. Introduction to PFM (Physical Functional Medicine)
2. Mercury PFM
3. Testing for Mercury Toxicity
4. Treatment of Mercury Toxicity with Autonomic Nervous System Templates
5. Treatment of Mercury Toxicity with Synchronizers
6. Treatment of Mercury Toxicity with Hypothalamus
7. Regulation Mechanisms
8. Treatment of Mercury Toxicity with Reference Points
9. Lymphatic Drainage for Alleviation of Heavy Metals Toxicity
10. Treatment of Mercury Toxicity with Blueprints
11. Functional Medicine: for Mercury Detox
12. A Mouth Protocol for Detoxification from Amalgams
13. A Vaccination Detoxification Program: Acute and Chronic

INTC 251 Manual Therapy for Treatment of All Hand Problems: Solution for Hand Pain and Dysfunction (2 credits) Pre-requisites: None

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

This three-day practical lab course will teach the therapist new and easy-to-learn manual techniques for treating common hand problems such as carpal tunnel syndrome, Dupuytren's, anterior compartment syndrome, osteoarthritis, and rheumatoid arthritis. The therapist will also learn how to assess, diagnose, and treat more complex problems such as bone bruises and fractures, circulation insufficiency, inflammation and infection. Following the application of these techniques, the patient will see improvement in grip strength, dexterity, ranges of motion, pain level, paresthesia and more. The therapist will also learn home exercises and self-treatment protocols to maintain these changes and prevent future injury. These techniques are gentle and suitable for all patient populations. The therapist will be able to immediately apply these techniques to their daily clinical practice.

Learning Outcomes

1. Simple and efficient assessment and diagnostic tools for acute and chronic hand problems.
2. Manual techniques to treat hand problems ranging from the most common such as carpal tunnel syndrome and tendonitis to the more complex such as bone bruises and fractures, infection and inflammation, connective tissue disorders, and more.
3. Self-help techniques and home exercise programs.

INTC 500 Assessment, Integrative Diagnostics, and Integrative Manual Therapy for Exudate (Advanced Course) (2 credits)

Pre-requisites: Any Three CSIMT Classes

Course Description

Exudate is defined as ‘exuded matter’. During this advanced seminar, the student will learn many manual therapy techniques to address patho-anatomy and patho-physiology associated with exudate. Multiple Recovery Motilities will be addressed.

Learner Outcomes:

1. Patho-anatomy and patho-physiology associated with exudate and transudate.
2. Manual Therapy techniques to address exudate and transudate.

**INTC 602 Integrative Manual Therapy for Allergies & Related Dysfunction
(Advanced Course) (2 credits)**

Pre-requisites: Any Three CSIMT Classes including IMDE 101

Course Description

During this 3 day lab course, the student will be exposed to anatomy, physiology and pathology related to allergies and allergic responses. A combination of hands-on modalities, dietary considerations, and nutritional wellness will provide unique opportunities for the manual practitioner to treat mild through severe, acute and chronic signs and symptoms.

Treatment of allergies and related disorders is a new field within manual therapy. Allergies are auto-immune disorders. Statistics are alarming. The manual practitioner today finds a growing population of clients whose pain and disability may be secondary to allergies and allergic reactions. Joint and soft tissue dysfunction may be partially or totally caused by the body's reaction to antigens. Exposure to internal and external allergens and antigens is growing, causing signs, symptoms and systemic responses which are resistant to treatment. The client with a more severe reaction, often with swelling which is mistaken for weight problems, is perhaps in an anaphylactic response, causing acute and chronic, severe and disabling pain and disability.

This course will provide solutions for the pain and dysfunction related to allergic responses, which is internal as well as external environmental illness.

This seminar is developed for the advanced learner, who is practicing manual therapy. If you are unsure whether this seminar is for you, please present your work and continuing education experience for evaluation.

Learning Outcomes

1. Basic patho-anatomy and patho-physiology of allergies.
2. Manual therapy techniques to treat pathoanatomy of allergies.
3. Physical functional medicine to treat pathophysiology of allergies.

Integrative Diagnostics

INTDG 101 Integrative Diagnostics, Level One: Myofascial Mapping (Advanced Course) (1 credit)

Pre-requisite: Any Three CSIMT Classes.

Course Description

This course begins the student's training in the development of effective, efficient and cost-effective treatment plans. Localization of physical dysfunction, localization and recognition of entrapped emotional, mental/cognitive, and other energies, determination of the primary problem of the client, is all included in this first course in a 3-course series.

Learning Outcomes

1. 3-Planar Myofascial Mapping: to locate specific areas of body dysfunction; to differentiate between physical tissue dysfunction and energy-induced pain and disability;
2. Neurofascial Process: to locate primary and dominant areas contributing to pain and disability; to understand the 'process' involved which needs to be addressed to correct the problem/s causing the pain and disability;
3. Neurofascial Release: as an effective, and efficient approach to treatment of brain and spinal cord fibrosis; Multiple diagnostic tools for understanding: significance; relationship; severity; chronicity; process and more;
4. To develop effective, efficient and cost-effective treatment plans for all patient populations.

INTDG 201 Integrative Diagnostics, Level Two: Neurofascial Process (Advanced Course) (1 credit)

Pre-requisite: Any Three DCR CSIMT, including CTIS 101 and CTIS 102.

Recommended INTDG 101.

Required Reading:

W. Giammatteo, Sharon (2002). Body Wisdom: Light Touch for Optimal Health (Giammatteo, Thomas Ed.)

Course Description

Part two in this three-course series introduces the student to Neurofascial Process (NFP). NFP is a manual diagnostic and therapy tool that is essential for assessment and treatment of multiple and complex patient care problems. With skills and knowledge from course 1 and 2, recovery will be quicker, more comprehensive, less aggressive and more cost-effective.

Learning Outcomes

1. Neurofascial Process for assessment and treatment of all pain, dysfunction and disability.

**INTDG 501 Integrative Diagnostics, Advanced Level One: Heart and Kidneys
(Advanced Course) (1 credit)**

Pre-requisites: INTDG 101 and INTDG 201

Course Description

This advanced level Integrative Diagnostics course focuses on cardiac habilitation and kidney dysfunction.

Learning Outcomes

1. Advanced Integrative Diagnostics for persons with cardiopulmonary dysfunction and urinary problems.
2. Further understanding for Integration of Integrative Diagnostics with Integrative Manual Therapy.

INTDG 502 Integrative Diagnostics, Advanced Level Two: Multiple Systems Breakdown (Advanced Course) (1 credit)

Pre-requisites: INTDG 101 and INTDG 201

Course Description

This advanced level seminar in Integrative Diagnostics will present assessment of syndromes, practical techniques for further assessment of cardiac and pulmonary rehabilitation clients, and integration of the information for comprehensive treatment plans.

Learning Outcomes

1. Evidence of syndromes which is obtained via mapping and other integrative diagnostic tools.
2. Integrative Diagnostics for cardiac and pulmonary assessment.

INTDG 601 Integrative Diagnostics, Advanced Level Three: Mechanical Model Pressure Scan (Advanced Course) (1 credit)

Pre-requisites: INTDG 101 and INTDG 201

Course Description

The course will bring The Integrative Diagnostics Series together. There will be time to review essentially all basic INTDG courses. How to write a treatment plan, how to work alone, how to take a group and delegate IMT - this will be addressed. A model of Integrative Diagnostics for an Auto-Immune Disease will be presented using Lyme Disease as the model. This will be valuable for all immune and auto-immune disorders. The Integrative Diagnostic MMPS (Mechanical Model Pressure Scan) is a remarkable entry into the body's dysfunction and deviations. Large changes in joint movement, posture, pain with movement and ranges of motion are addressed with IMT when access occurs via MMPS. New, unique understanding of dysfunction will be part of the focus of MMPS expertise. Bone Bruise Pressure Scan (BBPS) is a valuable tool to locate bone bruises. With nullification, integrated into the BBPS model, the primary bone bruise can be determined.

Learning Outcomes

1. How to use prior training and develop a treatment plan for multiple cases.
2. How to write a comprehensive Integrative Diagnostics process for auto-immune disorders.
3. How to perform the Mechanical Model Pressure Scan to locate important sites of dysfunction which are causing pain, limitations of motion, postural deviations and disability.
4. How to perform the Bone Bruise Pressure Scan to locate sites of bone bruises and to find an efficient model for treatment.

INTDG 602 Integrative Diagnostics, Advanced Level Four: Primary Sites: Combined Patho-Anatomy and Patho-Physiology for The Gastrointestinal Tract, The Detoxification System, and The Elimination System (Advanced Course) (2 Credits)

Pre-requisites: Any Three CSIMT Classes

Course Description

This Integrative Diagnostic course will present all new material. Clients with gastrointestinal problems, compromised anatomy (for example, leaky gut) and compromised physiology (for example, infection and inflammation) are growing in numbers. These problems affect the liver and detoxification process, and cause elimination problems such as irritable bowel syndrome. We need to turn these clients around more efficiently: Integrative Diagnostics. The content in this course will deal with simplifying the treatment plan and determining what comes first.

Learning Outcomes

1. Develop an awareness of primary sites in the gastrointestinal, detoxification and elimination systems: assessment tools for treatment sequence.
2. Learn new PFM (Physical Functional Medicine) motilities for the gastrointestinal tract, the detoxification and elimination systems.
3. Learn treatment plan and treatment session sequence for this growing problem.

INTDG 603 IMT Patterns. Myofascial Mapping Configurations reflecting Patterns & IMT Protocols (Advanced Course) (2 credits)

Pre-requisites: Any Three CSIMT classes

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). [Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders](#)

W. Giammatteo, Sharon & Kain, Jay B. (2005). [Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach](#) (Giammatteo, Thomas Ed.)

Course Description

The science of IMT will be presented in this seminar. Myofascial Mapping patterns, together with other Integrative Diagnostic patterns, are the effective and efficient manner to understand what the body is trying to express. Learn these patterns; recognize many manifestations of dysfunction. IMT and PFM protocols will be presented for each pattern.

INTDG 801 X-Ray Interpretation for the Manual Practitioner (2 credits)

Pre-requisites: None

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

Course Description

The developer and instructor of this course is Thomas Giammatteo, D.C., N.D., P.T., I.M.T.,C. Thomas developed this course to facilitate integrative diagnostics for the manual practitioner.

The course manual is an extensive and in-depth adjunct for this seminar. Pain and disability is associated with signs and symptoms, with x-ray findings and interpretations for the manual therapist to comprehend. The participant will develop a greater understanding for patients' presentations.

Instructions do not include understanding for diagnosis of x-ray findings. Yet the practitioner wishing to observe evidence of internal derangement of areas being treated will discover a new tool for professional enhancement.

Learning Outcomes

1. X-ray findings and interpretations for the manual therapist.

Musculoskeletal System

MSKEL 101 Muscle Energy and 'Beyond' Technique™ for the Pelvis, Sacrum, Cervical, Thoracic and Lumbar Spine (2 Credits)

Pre-requisites: None

Required Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

Course Description

Almost every individual experiences chronic back pain and headaches at one point in their life. Often, conventional treatment approaches are unsuccessful in the total elimination of symptoms. Thirty years of clinical research has led to the development of the 'Sharon W. Giammatteo, Ph.D., P.T., I.M.T.,C. Model' of Muscle Energy Techniques. Sharon W. Giammatteo, Ph.D., P.T., I.M.T.,C. has successfully used this approach on the orthopedic, neurologic, pediatric, and geriatric patient population. During this introductory lab course, the therapist will learn how to assess, diagnose, and treat biomechanical problems of the pelvis, sacrum, lumbar, thoracic, and cervical spine. Application of these techniques will lead to immediate improvements in pain and symptoms, balance, gait, bending, lifting, sitting, and other activities of daily living.

Learning Outcomes

1. Gain clinical skills in Topographical Anatomy for the pelvis and sacrum.
2. Learn how to evaluate static and dynamic posture while highlighting compensatory patterns.
3. Gain an understanding of 'The Descended Sacrum' phenomenon and how it affects pain and disability in our country today.
4. Learn how to eliminate back pain and headaches with Muscle Energy Techniques and 'Beyond'

MSKEL 102 Muscle Energy and 'Beyond' Technique™ for the Upper and Lower Extremities and Rib Cage, Introducing Tendon Release Therapy (2 Credits)

Pre-requisites: None

Required Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

Course Description

Muscle Energy and 'Beyond' Technique focuses on eliminating joint dysfunction. Since the days of Fred Mitchell Sr., the founder of Muscle Energy Technique, the focus of these techniques has been to eliminate spinal pain and disability. This new approach in Structural Rehabilitation, based on over twenty years of clinical research on thousands of clients, is aimed at correcting joint dysfunction in the upper and lower extremities and rib cage. This is the first time that Muscle Energy Technique has been used to correct extremity joint problems. In the athlete, they can be used to correct internal joint restrictions to allow for more energy and power in functional activities. These techniques can also be used on the neurologic patient to decrease synergic patterns and improve function in the upper and lower extremities. In the cardiopulmonary patient, the techniques for the rib cage lead to phenomenal results in respiratory capacity and function. These simple techniques can be used on orthopedic, sports medicine, neurologic, pediatric, geriatric, chronic pain, and more. Clinical skills will be enhanced with this course. The concepts presented in this class teach the student how to use critical thinking to develop specific rehabilitation plans for different patient populations.

Learning Outcomes

1. To restore alignment, joint mobility, articular balance and vertical dimension of the intra-articular space of each of the upper and lower extremity joints.
2. A unique method for improved rib cage motion and respiratory function.
3. Tendon Release Therapy to attain healing and function of the tendons of the arms and legs.

MSKEL 102/202 The Way to Treat Joint Dysfunction: Focus on the Upper and Lower Extremities and Rib Cage. (4 credits)

Pre-requisites: None.

Recommended Reading: W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

This 4 day course combines Muscle Energy and 'Beyond' Technique for the upper and lower extremities and Type III techniques for the spine and extremity Joints. It reflects state-of -the-art advances in the field of biomechanics for the treatment of joint dysfunction. Included in the course are treatment approaches to correct Bone Bruises, upper and lower extremity biomechanical dysfunctions and Type III dysfunctions (shears) that are found in the pelvis, sacrum, spine and extremity joints. Techniques for the ribs are not included in this course.

Learning Outcomes

1. Type III biomechanics (shears) of the pelvis, sacrum, spine, occiput, upper and lower extremity.
2. To restore alignment, joint mobility, articular balance and vertical dimension of the intra-articular space of the pelvis, sacrum, spine, and each of the upper and lower extremity joints.
3. Assessment and treatment of Bone Bruises.

MSKEL 104 Treatment of Pain and Muscle Spasm with Strain and Counterstrain Technique for the Orthopedic, Neurologic, Pediatric, and Geriatric Patient (2 Credits)

Pre-requisites: None

Required Reading:

W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

This three-day practical course is designed to explore the Neuromusculoskeletal System, in order to integrate state-of-the-art manual therapy into the rehabilitation process for the Orthopedic and the Neurologic client. Strain and Counterstrain Technique is an approach used to normalize abnormal neuromuscular physiology. Reduction and arrest of the inappropriate proprioceptor activity which is hypothesized as the basis of "muscle spasm" and also "spasticity" is achieved with this technique. The resulting muscle fiber relaxation and elongation is accompanied by improved articular balance, increased joint mobility and ranges of motion. Course participants will assess and see first-hand the profound increases in ranges of motion which result from elimination of protective muscle spasm and decreases in the hypertonicity of spasticity. The participants will learn how to implement this approach within the traditional process of Functional Rehabilitation. They will learn and practice Strain and Counterstrain Technique to facilitate correction of biomechanical dysfunction and normalization of joint mobility and muscle tone, for improved structural integrity and motor function.

Learning Outcomes

1. How to implement Strain and Counterstrain within the traditional process of functional rehabilitation.
2. Learn Strain and Counterstrain Technique to facilitate correction of biomechanical dysfunction in order to increase joint mobility and articular balance.
3. Learn Strain and Counterstrain Technique to decrease muscle tone, for improved structural integrity and motor function.

MSKEL 106 Muscle Energy and 'Beyond' Technique for the Pelvis, Sacrum, and L5 (1 Credit)

Pre-requisites: None

Required Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

Recommended Reading:

W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

Course Description

Low back pain and disability is an epidemic! Nine out of ten people in this country will experience low back pain in their lifetime. Often, conventional treatment approaches are unsuccessful in the total elimination of symptoms. Thirty years of clinical research has led to the development of the 'Sharon W. Giammatteo, Ph.D., P.T., I.M.T.,C. Model' of Muscle Energy Techniques. Sharon W. Giammatteo, Ph.D., P.T., I.M.T.,C. has successfully used this approach on the orthopedic, neurologic, pediatric, and geriatric patient population. During this introductory lab course, the therapist will learn how to assess, diagnose, and treat biomechanical problems of the pelvis and sacrum. Application of these techniques will lead to immediate improvements in pain and symptoms, balance, gait, bending, lifting, sitting, and other activities of daily living.

Learning Outcomes

1. Gain clinical skills in Topographical Anatomy for the pelvis and sacrum.
2. Learn how to evaluate static and dynamic posture while highlighting compensatory patterns.
3. Learn how to eliminate low back pain with Muscle Energy Techniques and 'Beyond'
4. Gain an understanding of 'The Descended Sacrum' phenomenon and how it affects pain and disability in our country today.

MSKEL 107 Topographical Anatomy for Physical, Occupational, and Manual Therapists (1 Credit)

Pre-requisites: None

Course Description

This two-day practical course will be mostly lab. Participants will be trained in palpation, locating tissues and structures for all systems: musculoskeletal, cardiovascular, pulmonary, gastrointestinal, urogenital, endocrine. Learn unique mobility tests for assessment of tissues and structures.

Learning Outcomes

1. Location of multiples tissues and structures in the body.
2. Palpation of these tissues and structures.
3. Mobility Templates to assess integrity of these tissues and structures.

MSKEL 201 Integrative Manual Therapy for the Low Back and Spine: Advanced Clinical Biomechanics of Sacrum (2 Credits)

Pre-requisites: None

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). [Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders](#)

W. Giammatteo, Sharon (1998). [Integrative Manual Therapy for the Upper and Lower Extremities](#) (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). [Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique](#)

W. Giammatteo, Sharon & Kain, Jay B. (2005). [Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach](#) (Giammatteo, Thomas Ed.)

Course Description

During this introductory lab course, the therapist will learn many techniques in Integrative Manual Therapy to assess, diagnose, and effectively treat back pain and increase mobility of the pelvis, sacrum, and spine. The direct effects of increased mobility at the low back include the elimination of low back pain, sciatica, cervical syndrome, upper and lower extremity pain, headaches and TMJ, spinal pain and disability, including scoliosis, stenosis, spondylolisthesis, and much more. The techniques presented in this course are based on several decades of clinical research performed on all patient populations, including orthopedic and sports medicine, chronic pain, neurologic, pediatric, and geriatric. The prevalence of low back pain in this country is astounding. The material in this course changes predictors of outcome for the 21st century.

Learning Outcomes

1. Advanced concepts and techniques to treat pelvic, sacral, and spinal biomechanics.
2. Protocols for treatment of lower quadrant restrictions that are inhibiting low back mobility.
3. Advanced assessment and treatment of spinal restrictions.
4. Compression Syndromes which contribute to pain and disability of pelvis, sacrum, and spine.
5. Concepts and techniques for correction of bone bruises.

MSKEL 203 The Way to Treat Joint Dysfunction: Focus on the Shoulder and Knee Joint (3 credits)

MSKEL 203A The Way to Treat Joint Dysfunction: Focus on the Shoulder (3 credits)

MSKEL 203B The Way to Treat Joint Dysfunction: Focus on the Knee Joint (3 credits)

Pre-requisites: None

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

In the field of orthopedic, neurologic, pediatric, and geriatric physical therapy and rehabilitation, the shoulder and knee joints are commonly involved. In these courses on Structural Rehabilitation, the therapist will find answers to decreased strength and range of motion, pain and disability at the shoulder and knee. At the shoulder, problems such as rotator cuff syndrome, disorders of the glenoid labrum, and osteoarthritis can be helped with these techniques. In the knee, this approach can address patellar problems, meniscal tears, cruciate ligament strains, Osgood Schlatters, osteoarthritis, and so much more. In the orthopedic patient, these techniques will lead to increased strength and decreased pain. In the neurologic patient, there will be decreased spasticity and synergic patterning in the upper and lower extremity. The geriatric patient will be able to return to their activities of daily living with optimal strength and endurance. These new concepts, techniques, and strategies can be used on any patient population with great results. Clinical skills will be enhanced with this course. The concepts presented in this class teach the student how to use critical thinking to develop specific rehabilitation plans for different patient populations.

Learning Outcomes

1. To restore alignment, joint mobility, articular balance and vertical dimension of the intra-articular space of each of the upper and lower extremity joints.
2. To correct subluxations and shears of the shoulder and knee joints.
3. To correct bone bruises.
4. To improve circulation and reduce inflammation of shoulder and knee joints.

MSKEL 204 Adjustment Therapy For Severe and Chronic Low Back Pain and Sciatica (2 credits)

Pre-requisites: Any Three CSIMT Classes.

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). [Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders](#)

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). [Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique](#)

W. Giammatteo, Sharon & Kain, Jay B. (2005). [Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach](#) (Giammatteo, Thomas Ed.)

Course Description

This new course developed for the physical therapist and manual practitioner, teaches a three dimensional approach to adjustment therapy. Coming from years of education in Chiropractic, Physical Therapy, Acupuncture, and Integrative Manual Therapy, Thomas Giammatteo, D.C., N.D., P.T., I.M.T.,C. has developed a unique and simple approach to attain movement and eliminate signs and symptoms relating to low back pain and sciatica. When these gentle and nonaggressive techniques are used on a patient, there will be increased joint mobility and range of motion, improved gait, decreased pain and symptoms, and improved overall function. The practitioner can use this approach on all patient populations, including orthopedic, sports medicine, neurologic, pediatric, geriatric, and more. Clinical skills will be enhanced with this course. The concepts presented in this class teach the student how to use critical thinking to develop specific rehabilitation plans for different patient populations.

Learning Outcomes

1. How to examine tension.
2. How to perform gentle adjustment therapy to attain mobility of pelvis and sacral joints.
3. How to improve the status of sacral plexus compromise.
4. How to perform Ball Biomechanics.

MSKEL 431 Bone: Structure and Function. A Manual Therapy Solution for Bone Bruise, Osteomalasia and Osteoporosis (Advanced Course) (2 credits)

Pre-requisites: Any Three CSIMT Classes.

Course Description

BONE is an upgraded course. The techniques and approaches have been successfully utilized for acute and chronic, mild and severe bone dysfunction. It is effective for local, regional, systemic and total body bone problems, including osteopenia, osteomalacia, osteoporosis, non-union and mal-union fractures and bone bruises. This provides the most leading advanced technology for the growing field of Bone Bruises.

Many unique techniques, concepts and treatment approaches are included in this seminar. Templates with Synchronizers, Hypothalamus Regulation Mechanisms (HRMs) and Reference Points will attain bone integrity.

Learning Outcomes

1. Anatomy and Physiology of bone tissue.
2. Manual therapy techniques to promote healing following bone trauma.
3. Protocols for treatment of bone pathology.

**MSKEL 445 Osseous Bridging and Coccyx Phenomenon (Advanced Course)
(2 credits)**

Pre-requisites: MSKEL 431-Bone and Any Three CSIMT Classes.

Course Description

This 4 day lab course will provide an introduction and initiation to the field of Osseous Bridges.

Osseous Bridges fall within the spectrum of Bone Bruises. This spectrum includes; Osseous Bridges, Bone Marrow Edema (Bone Exudate) and Bone Bars. The participant will use advanced IMT technology to locate and correct these painful dysfunctions that can be found, Hip dysplasia, hip dislocations, shoulder dystocias, and more. All peripheral and spinal and rib joints will be practiced in lab during this course.

Osseous Bridges are the ultimate protective mode. What are they protecting? Many problems can lead to Osseous Bridges including the condition of Hypovolemia, which means low blood volume. Over 500,000 people are hospitalized with Hypovolemia each year in the United States. Over 50% of these individuals die. This is a significant problem. This condition is associated with shock, adrenal stress, heart conditions, diabetes, sepsis, renal problems and more. You have these patients in your practice.

Learn how to use advanced IMT: techniques, Blueprints, Templates, Nutrition.
Learn Case Based Medicine relating to this patient population with Osseous Bridges.
Follow the Critical Thinking: how to use Clinical Reasoning to develop a safe treatment plan using Case Based Medicine, Critical Thinking and Integrative Diagnostics. Practice techniques and develop Clinical Skills!

Learning Outcomes

1. How to evaluate and treat local, regional and total body conditions of Osseous Bridges for all joints of the arms, legs, ribs, spine, cranium and face.
2. How to evaluate and treat Bone Bars and "Sacral Plexus Scraping".
3. How to recognize patterns and learn protocols for treatment of Osseous Bridges.

MSKEL 450 Toe Walking. Adult & Pediatric (Advanced Course) (2 credits)

Pre-requisites: At least three CSIMT seminars plus CTIS 102 and knowledge of how to correct Bone Bruises and Disruptions of Membrane are required. Recommended: Neural Tissue Tension; Strain and Counterstrain and Advanced Strain/Counterstrain; Osseous Bridging and Coccyx Phenomenon.

Course Description

This three-day practical seminar is packed with information. Focus will be placed on clinical skills development with instruction on how to correct the typical foot and leg problems, which affect the human body. Techniques, Blueprints, Templates and other useful IMT tools will be presented for recovery and rehabilitation of mild, moderate, severe, acute and chronic dysfunction. Critical Thinking, Clinical Reasoning and Clinical Skills will forever change the concept of the Foot and Ankle.

Learning Outcomes

1. Patterns of dysfunction of the leg, foot and ankle which are present in the orthopedic, sports medicine, diabetic, neurologic, geriatric and pediatric populations.
2. Integrative Manual Therapy technology to correct dysfunction, reduce and eliminate pain and disability, and affect disease of the leg, foot, and ankle.

MSKEL 461 Musculoskeletal Rehabilitation. A Manual Therapy Solution for Movement, Strength and Endurance (Advanced Course) (2 credits)

Pre-requisites: Any Three CSIMT Classes.

Course Description

This practical seminar presents a solution for dysfunction of the musculoskeletal system. Much of this material was developed during Sharon W. Giammatteo, Ph.D., P.T., I.M.T.,C.'s doctoral studies. As with all CSIMT seminars today, there are unique components inherent in this text. Recovery from patho-anatomy, patho-physiology, patho-mechanics and patho-energetics is included, as are unique portions for development of consciousness related to the musculoskeletal system.

Integrated into this seminar will be the following: Critical Thinking; development of Clinical Skills; Case-Based Medicine; Evidence-Based Medicine. We hope that with this manual and the techniques available to you, results will be dramatic. Functional Outcomes will exceed predictors of outcome in the medical literature. Client Satisfaction will be evident with each client.

Learning Outcomes

1. The student will learn anatomy, physiology, and pathology of the musculoskeletal system.
2. The student will learn many different manual therapy techniques and protocols for treatment of musculoskeletal dysfunction.

MSKEL 475 Template Therapy: A Heart Protocol (Advanced Course) (2 credits)

Pre-requisites: At least Three CSIMT Classes plus VOSYS 401 and VOSYS 501.

Course Description

This advanced lab course presents Integrative Manual Therapy Information Technology which is part of a larger Heart Protocol. Various causes and components of heart and circulation dysfunction are addressed with manual therapy solutions. Manual Therapists should contribute to a multi-disciplinary team approach for persons with cardiac and cardiovascular dysfunction.

Autonomic Nervous System Templates are the primary tool taught in this course. Thorough understanding of an effective model will contribute to healing for patients who have mild, moderate or severe heart disorders.

Learning Outcomes

1. Anatomy, physiology, pathology; medical intervention with drugs and surgery; traditional tests and measurements.
2. Integrative Manual Therapy, with an emphasis on the Autonomic Nervous System Templates, to facilitate healing within the cardiovascular system.
3. Introduction to a Heart Protocol with an Integrated Systems Approach.
4. Biophysiology: Nutritional Wellness and Functional Medicine for cardiac and cardiovascular problems.

MSKEL 485 Plate Therapy - a Clinical Skills Workshop providing A Manual Therapy Solution for Treatment of Pain, Dysfunction and Disability (Advanced Course) (2 credits)

Pre-requisites: 9 CSIMT seminars.

Course Description

During this three day advanced lab course participants will practice Plate Therapy, an Integrative Manual Therapy approach. Many common problems will be presented as ‘patterns’ of dysfunction which are contributing to pain, dysfunction and disability. This method directly affects patho-physiology.

Learning Outcomes

1. The participant will learn the approach called Plate Therapy.

MSKEL 501 Hips & Low Back Pain. A new generation of possibilities. Introducing MPR4 & beyond miasims. (Advanced Course) (2 credits)

Pre-requisites: Any Three CSIMT seminars. Recommended: Bone (MSKEL 431); Osseous Bridging and Coccyx Phenomenon (MSKEL 445)

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

This 3 day lab course will address intra-articular biomechanical dysfunction of the hip joint, whether the hip joint dysfunction involves osteoarthritis, hip dysplasia, or total hip joint replacement. Concepts and techniques are presented for all ages, pediatric through geriatric. When the hips are successfully addressed, underlying biomechanical dysfunction of the spine called "All Descended Spine" can be corrected. These concepts are unique to IMT, and will give results with the most difficult low back and spinal pain and dysfunction for the orthopedic, sports medicine and neurologic populations. It is highly recommended that participants have studied DCR's Muscle Energy and 'Beyond' Technique, Mobility Templates or the Spine.

Learning Outcomes

1. Intra-articular biomechanics of the hip joint
2. Common patterns of hip joint biomechanical dysfunction
3. How to correct intra-articular biomechanical dysfunction of the hip joint
4. How to evaluate and correct biomechanical dysfunction of the pelvis, sacrum, L5 and coccyx which is involved in the "All Descended Spine"

**MSKEL 502 IMT Percussional Therapy: Focus on Hips, Low back and Knees.
A Clinical Skills Course (Advanced Course) (2 credits)**

Pre-requisites: MSKEL 201 or MSKEL 101a, MSKEL 445. CRNS 505 is highly recommended..

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

Course Description

Percussional Therapy is a very advanced Clinical Skills course. Participants will learn when and how to use the IMT Percussion Equipment to attain soft tissue and joint mobilization.

Learning Outcomes

1. When and how to use the IMT Percussion Equipment to attain soft tissue and joint mobilization.

Neurologic Rehabilitation

Including Concentrations in Neurologic Rehabilitation and Pediatrics

NEUR 206 Developmental Manual Therapy for the Neurologic, Pediatric and Geriatric Patient Emphasizing Muscle Energy and 'Beyond' Technique and Myofascial Release Techniques (2 credits)

Pre-requisites: None

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). [Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders](#)

W. Giammatteo, Sharon (1998). [Integrative Manual Therapy for the Upper and Lower Extremities](#) (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). [Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique](#)

W. Giammatteo, Sharon & Kain, Jay B. (2005). [Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach](#) (Giammatteo, Thomas Ed.)

Course Description

This seminar focuses on the correction of neuromusculoskeletal dysfunction for all patient populations with neurologic involvement. Techniques which are exceptional in reducing protective muscle spasm have been adapted to address spasticity. A unique combination of techniques has been chosen for this course in order to successfully decrease spasticity in the hypertonic patient, and increase tone in the hypotonic client. Be prepared: to learn new ideas, concepts and philosophies; to learn new methods to improve motor integrity and function; to learn a wonderful and markedly improved form of neurorehabilitation. Be among the practitioners who are changing predictors of outcome for hemiplegia, cerebral palsy, traumatic brain injury, Erb's and Klumpke's palsy, torticollis and more.

Learning Outcomes

1. The concept of structural and functional rehabilitation
2. How manual therapy attains normalization of muscle tone
3. Biomechanics of the pelvic joints
4. Muscle Energy and 'Beyond' Technique™ to correct joint dysfunction of the pubes and iliosacral joints to attain a balanced pelvis with biomechanical integrity
5. The Synergic Pattern Imprint and Synergic Pattern Release of spasticity with Strain / Counterstrain Technique
6. Myofascial Release, the 3-planar fascial fulcrum technique to attain improved flexibility, increased joint mobility and increased functional ranges of motion
7. A protocol for the neurologic, geriatric and pediatric client.

NEUR 207 Stroke and Hemiplegia: A Manual Therapy Solution (2 credits)

Pre-requisites: None

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). [Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders](#)

W. Giammatteo, Sharon (1998). [Integrative Manual Therapy for the Upper and Lower Extremities](#) (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). [Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique](#)

W. Giammatteo, Sharon & Kain, Jay B. (2005). [Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach](#) (Giammatteo, Thomas Ed.)

Course Description

During this introductory lab course, the therapist will learn how to perform Integrative Manual Therapy for prevention and treatment of stroke. The content in this course includes both structural and functional rehabilitation. Primary prevention techniques will be taught as well as functional exercise programs to promote cardiovascular health. Integrative Manual Therapy Protocols for many stroke related problems will be presented, including spasticity, shoulder hand syndrome, subluxation and pain of the hemiplegic shoulder, labile behaviors, foot problems affecting heel loading and ambulation, and more. Easy to learn manual techniques to promote overall circulation, decrease synergic patterning of the upper and lower quadrants, and increase mobility of the neurologic patient will be taught in this course. Following successful completion of this course, therapists will be able to immediately apply these techniques into their daily clinical practice.

Learning Outcomes

1. Leading causes of stroke and how to affect these causes for prevention.
2. Exercises to promote cardiovascular health.
3. Techniques in Integrative Manual Therapy for prevention of stroke.
4. Techniques in Integrative Manual Therapy for treatment of stroke-related problems.

**NEUR 271 Learning Disabilities and Executive Functioning for All Ages
(Advanced Course) (2 credits)**

Pre-requisites: Any Three CSIMT Classes.

Recommended Reading:

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

This manual therapy approach to learning disabilities is corrective: find the pathologies and perform manual therapy to attain outcomes: normal learning. Viable methods to correct learning dysfunction with manual therapy have been developed at Regional Physical Therapy and Center of Integrative Manual Therapy. From early childhood intervention, through adulthood, learning can improve.

Attention deficit is about frontal lobe insufficiency. Judgment, cognition, and concentration are about the frontal lobe. This hands-on seminar will present techniques and protocols to correct frontal lobe insufficiency which leads to learning disabilities. The focus of this seminar is treatment of the frontal lobe. Learning disabilities may also be caused by hearing and visual deficits. Some basic techniques for assessment and treatment of hearing and vision which contribute to learning disabilities will be presented.

This seminar is for practitioners who have been practicing manual therapy. This is not an introductory level course. Yet the techniques and the approach are not difficult.

Manual therapy for improved frontal lobe function will be presented for immediate application. Basic and advanced cranial therapy techniques to improve blood flow to the brain, to improve neural function, and to improve oxygenation will be presented. Templates Therapy is included. Blueprints (Systems) will be presented. Unique self-help treatment for homework is included.

Critical Thinking / Clinical Reasoning is a focus of this seminar. Development of clinical skills will be a goal of lab practice. Evidence based practice will be discussed related to the successes with this approach. Case based medicine will be covered with regard to the different aspects of learning disabilities. The material taught in this course will reduce and eliminate learning disabilities.

Learning Outcomes

1. Manual Therapy techniques to decrease learning deficits and augment frontal lobe health and function.
2. Protocols to increase attention, understanding, clarification, judgment, reading and more.

NEUR 281 Autism and Related Syndromes: Critical Thinking, Clinical Reasoning, Clinical Skills, Case Based Medicine, Evidence Based Medicine and Nutritional Wellness (Advanced Course) (2 credits)

Pre-requisites: Any Three CSIMT classes.

Course Description

AUTISM is a three-day advanced lab course in Integrative Manual Therapy. This seminar offers hands-on solutions to decrease the negative signs of autism. Other CSIMT seminars combined with AUTISM will contribute to optimal results, including: The Cranial Therapy Series; The Brain; Mobility Templates and other coursework for treatment of biomechanical dysfunction of the pelvis, sacrum and spine. The techniques and protocols presented in this seminar were developed by Sharon W. Giammatteo, Ph.D., P.T., I.M.T.,C. Thomas Giammatteo, D.C., N.D., P.T., I.M.T.,C. and Ayelet Connell-Giammatteo, P.T., I.M.T.,C. Ayelet Connell-Giammatteo, P.T., I.M.T.,C. is currently investigating the effects of manual therapy for persons with autism and autistic-like behavior for her doctoral studies. Hundreds of persons with autism and autistic-like behavior have been treated with IMT. Results are 'beyond predictors of outcome' in the medical literature.

Learning Outcomes

1. What is Autism: Classifications and Behaviors.
2. Advanced hands-on technique to reduce the multiple behaviors associated with Autism.
3. A nutritional wellness program.

NEUR 291 The Brain. A Comprehensive Manual Therapy Solution for Brain Dysfunction (Advanced Course) (2 credits)

Pre-requisites: Any Three CSIMT Classes.

Course Description

Today, there are many different approaches to affect health and wellness. The uniqueness of this approach is found in its ability to affect pathology in the neurologic patient. During this course, the student will participate in extensive lab time. Concepts and techniques to affect Brain motility, neuroreflexogenic activity, healing mechanisms and more will be presented in an integrated manner. Fifty percent new and upgraded information is integrated into this seminar. This new material includes new techniques, concepts in critical thinking, clinical skills, application and integration into protocols. This new information was developed during the past several years. It has been clinically researched on all patient populations for better outcomes.

Learning Outcomes

1. How to address clients with pain, disability and disease who can be affected via working on neural tissue.
2. How to use information technology (techniques, critical thinking, clinical skills, application and integration) which is 'beyond cranial therapies'.
3. How to assess, diagnose (Integrative Diagnostics) and treat all clients with neurologic insufficiency, whether spinal health, headaches, migraines, neurologic diseases, pediatric, geriatric, acute and chronic.
4. How to palpate biologic rhythms (motilities) for neural and other tissues.
5. How to palpate energetic phenomena.
6. The nature of correction of anatomy, physiology, mechanics, and energy which is less than optimal.
7. How to perform a Blueprint (previously known as a System or Analog).
8. How to perform Physical Functional Medicine (PFM) to affect patho-physiology of the nervous system.
9. An introduction to Nutritional Wellness for the nervous system: a guide to supplements and dietary intervention for improved genetic potential.

NEUR 331 Consciousness Rehabilitation: A Remarkable Manual Therapy Approach for Mind/Body Growth and Development (Advanced Course) (2 credits)
Pre-requisites: Any Three CSIMT Classes.

Course Description

This CSIMT seminar, was co-developed by Sharon W. Giammatteo, Ph.D., P.T., I.M.T.,C. and Thomas Giammatteo, D.C.,N.D., P.T., I.M.T.,C. Years of development of new material, as well as the integration of different methodologies from earlier material, have been incorporated into this seminar. Learn methods never before presented to assess consciousness energies. What to do? Where to start? What needs to be addressed? How to eliminate self-consciousness of the practitioner, to reduce inhibitions? What to expect? How to change life to attain transformational growth and development?

Learning Outcomes

1. Knowledge of Health Protocol
2. Treatment to promote limbic drainage.
3. Manual Therapy techniques to promote level of consciousness.

NEUR 441 Subcortical Process (Advanced Course) (2 credits)

Pre-requisites: Any Three CSIMT Classes.

Course Description

This four-day practical seminar is about the subcortex tissues in the brain. Many problems are related to this area of the brain: chronic pain; aggressive behaviors; pediatric developmental problems including autism, hyperactivity, learning disorders; neurodegenerative disorders such as Multiple Sclerosis, Spasmodic Torticollis and involuntary movements, Parkinsons, ALS. The rise of autism and Alzheimers is associated with these subcortical tissues. Addictions as well as other related psychosomatic illness stems from dysfunction in this area of the brain. Throughout this course aspects of pathoanatomy, pathophysiology, pathomechanics, pathoenergetics, and consciousness will be addressed. Unique and novel information which will achieve remarkable transformation in functional outcomes!

Learning Outcomes

1. Treatment to promote health of subcortical issues.
2. Manual Therapy techniques to augment normal subcortical functioning.
3. Protocols for treatment of neuologic impairment and neurodegenerative disorders.

NEUR 461 Excess Neural Discharge Therapy and Neurotransmission (Advanced Course) (2 credits)

Pre-requisites: Any Eight CSIMT Classes.

Course Description

This lab course is predominantly about Clinical Skills development. There is an exceptional motility which is related to decrease of seizure disorders which is called ENDT: Excess Neural Discharge Therapy. Other remarkable motilities presented in this seminar are associated with neurotransmitters. Advanced IMT technology will be presented in order to be effective with all persons who present with excess neural discharge in the central and peripheral nervous systems.

Learning Outcomes

1. The student will learn anatomy, physiology, and pathology of neural chemistry.
2. The student will learn manual therapy treatment and diagnostic techniques to address seizure disorders in children and adults.

**PEDS 201 IMT for Pediatrics: Treatment of Hypertonicity (Advanced Course)
(2 credits)**

Pre-requisites: PEDS 101.

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

This three-day advanced workshop focuses on the initial intake assessment, structural and functional treatment, quadriennial planning and home program setting for pediatric clients with hypertonicity. The abnormal developmental sequence for gross motor, fine motor, oral motor, and cardio/respiration, will be introduced in lecture, with beginning observations of deviations augmented through videotape. Neuromotor control and coordination problems seen in pediatric clients with hypertonicity are integrated into a thorough clinical tool for initial intake assessment and for identifying possible problem areas that need further investigation. Structural manual therapy integrated with functional therapy, will be lectured and practiced in lab. Sensory techniques and protocols will be emphasized. Handling strategies and protocols for commonly seen problem areas are reviewed. Full quadriennial planning for these special clients with goal setting and home programs will complete this workshop.

Learning Outcomes

1. Recognize patterns of abnormal development, gross motor, fine motor, oral motor and cardio/respiratory for children with hypertonicity.
2. Recognize deviations from normal development, gross motor, fine motor, oral motor and cardio/respiratory seen in this population.
3. Understand and analyze five components of neuromotor status for children with hypertonicity.
4. Integrate structural manual therapy with functional strategies for treatment with children with hypertonicity.
5. Utilize sensory and handling strategies and intervention protocols for common problems seen with this population.
6. Introduce goal setting and long term planning to the family.
7. Introduce home program options to the family.
8. Recognize areas that require further investigation.

**PEDS 202 IMT for Pediatrics: Treatment of Hypotonicity (Advanced Course)
(2 credits)**

Pre-requisites: PEDS 101.

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

This three-day advanced workshop focuses on the initial intake assessment, structural and functional treatment, quadriennial planning and home program setting for pediatric clients with hypotonicity. The abnormal developmental sequence for gross motor, fine motor, oral motor, and cardio/respiration, will be introduced in lecture, with beginning observations of deviations augmented through videotape. Neuromotor control and coordination problems seen in pediatric clients with hypotonicity are integrated into a thorough clinical tool for initial intake assessment and for identifying possible problem areas that need further investigation. Structural manual therapy integrated with functional therapy, will be lectured and practiced in lab. Sensory techniques and protocols will be emphasized. Handling strategies and protocols for commonly seen problem areas are reviewed. Full quadriennial planning for these special clients with goal setting and home programs will complete this workshop.

Learning Outcomes

1. Recognize patterns of abnormal development, gross motor, fine motor, oral motor and cardio/respiratory for children with hypotonicity.
2. Recognize deviations from normal development, gross motor, fine motor, oral motor and cardio/respiratory seen in this population.
3. Understand and analyze five components of neuromotor status for children with hypotonicity.
4. Integrate structural manual therapy with functional strategies for treatment with children with hypotonicity.
5. Utilize sensory and handling strategies and intervention protocols for common problems seen with this population.
6. Introduce goal setting and long term planning to the family.
7. Introduce home program options to the family.
8. Recognize areas that require further investigation.

PEDS 301 IMT for Pediatrics: Treatment of Ataxia (Advanced Course) (2 credits)

Pre-requisites: PEDS 101

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.).

Course Description

This three-day advanced workshop focuses on the initial intake assessment, structural and functional treatment, quadriennial planning and home program setting for pediatric clients with ataxia. The abnormal developmental sequence for gross motor, fine motor, oral motor, and cardio/respiration, will be introduced in lecture, with beginning observations of deviations augmented through videotape. Neuromotor control and coordination problems seen in pediatric clients with ataxia are integrated into a thorough clinical tool for initial intake assessment and for identifying possible problem areas that need further investigation. Structural manual therapy integrated with functional therapy, will be lectured and practiced in lab. Sensory techniques and protocols will be emphasized. Handling strategies and protocols for commonly seen problem areas are reviewed. Full quadriennial planning for these special clients with goal setting and home programs will complete this workshop.

Learning Outcomes

1. Recognize patterns of abnormal development, gross motor, fine motor, oral motor and cardio/respiratory for children with ataxia.
2. Recognize deviations from normal development, gross motor, fine motor, oral motor and cardio/respiratory seen in this population.
3. Understand and analyze five components of neuromotor status for children with ataxia.
4. Integrate structural manual therapy with functional strategies for treatment with children with ataxia.
5. Utilize sensory and handling strategies and intervention protocols for common problems seen with this population.
6. Introduce goal setting and long term planning to the family.
7. Introduce home program options to the family.
8. Recognize areas that require further investigation.

**PEDS 302 IMT for Pediatrics: Treatment of Athetosis (Advanced Course)
(2 credits)**

Pre-requisites: PEDS 101.

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

This three-day advanced workshop focuses on the initial intake assessment, structural and functional treatment, quadriennial planning and home program setting for pediatric clients with athetosis. The abnormal developmental sequence for gross motor, fine motor, oral motor, and cardio/respiration, will be introduced in lecture, with beginning observations of deviations augmented through videotape. Neuromotor control and coordination problems seen in pediatric clients with athetosis are integrated into a thorough clinical tool for initial intake assessment and for identifying possible problem areas that need further investigation. Structural manual therapy integrated with functional therapy, will be lectured and practiced in lab. Sensory techniques and protocols will be emphasized. Handling strategies and protocols for commonly seen problem areas are reviewed. Full quadriennial planning for these special clients with goal setting and home programs will complete this workshop.

Learning Outcomes

1. Recognize patterns of abnormal development, gross motor, fine motor, oral motor and cardio/respiratory for children with athetosis.
2. Recognize deviations from normal development, gross motor, fine motor, oral motor and cardio/respiratory seen in this population.
3. Understand and analyze five components of neuromotor status for children with athetosis.
4. Integrate structural manual therapy with functional strategies for treatment with children with athetosis.
5. Utilize sensory and handling strategies and intervention protocols for common problems seen with this population.
6. Introduce goal setting and long term planning to the family.
7. Introduce home program options to the family.
8. Recognize areas that require further investigation.

Protective Modes

PMOD 201 Upper Extremity Compression Syndromes (2 credits)

Pre-requisite: None

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

Upper extremity pain and dysfunction can be the major cause of a sedentary lifestyle. It can leave someone in a debilitated state. Work and leisure are dependent on arm and hand function. Answers can be found in the field of Structural Rehabilitation. This new approach for treating the upper extremity is based on several decades of clinical research on the orthopedic, sports medicine, neurologic, pediatric, chronic pain patient, and more. These simple-to-use techniques will decrease pain, improve movement, decrease swelling and inflammation, and improve overall function of the arm and hand. Clinical skills will be enhanced with this course. The concepts presented in this class teach the student how to use critical thinking to develop specific rehabilitation plans for different patient populations.

Learning Outcomes

1. The body has the inherent ability to provide protection. This ability is at least as profound as the body's ability to self-correct and self-heal.
2. The body's innate mechanisms of self-protection are reflexogenic, autonomic, automatic.
3. The science and art of higher level reflexes: Compression Syndromes.
4. Recoil / tension tests to isolate and identify upper extremity Compression Syndromes.
5. Fulcrum techniques for treatment of Compression Syndromes of the neck and upper extremity.

PMOD 202 Lower Extremity Compression Syndromes (2 credits)

Pre-requisite: None

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). [Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders](#)

W. Giammatteo, Sharon (1998). [Integrative Manual Therapy for the Upper and Lower Extremities](#) (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). [Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique](#)

W. Giammatteo, Sharon & Kain, Jay B. (2005). [Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach](#) (Giammatteo, Thomas Ed.)

Course Description

Today, there are many therapeutic approaches aimed at treating the lower quadrant. Some are geared specifically towards athletes for increasing strength and endurance. Some are more for decreasing swelling in the lymphedema patient. Few provide long term answers for pain, infection, and inflammation. Answers can be found in the field of Structural Rehabilitation. In this course, there are simple-to-use techniques to eliminate dysfunction of the legs. This approach can be used on the orthopedic and sports medicine patient to eliminate swelling from repetitive trauma and improve overall athletic performance; on the neurologic or pediatric patient to decrease synergic patterning and improve motor function and normal gait; on the chronic pain patient to eliminate pain and swelling in the legs. These techniques work to improve mobility and function of the lower extremity joints, improve circulation and nervous stimulation, augment immunity in the legs, strengthen the ligaments, and more. Clinical skills will be enhanced with this course. The concepts presented in this class teach the student how to use critical thinking to develop specific rehabilitation plans for different patient populations.

Learning Outcomes

1. The body has the inherent ability to provide protection. This ability is at least as profound as the body's ability to self-correct and self-heal;
2. The body's innate mechanisms of self-protection are reflexogenic, autonomic, automatic;
3. The science and art of higher level reflexes: Compression Syndromes;
4. Recoil / tension tests to isolate and identify lower extremity Compression Syndromes;
5. Fulcrum techniques for treatment of Compression Syndromes of the lower extremity.

**PMOD 201/202 Compression Syndromes for the Upper and Lower Extremities.
A Manual Therapy Solution. (4 credits)**

Pre-requisite: None.

Course Description

Upper and lower extremity pain and dysfunction can be the major contributor to a decreased quality of life and a sedentary lifestyle. Work and leisure are often dependent on arm and leg function. Answers can be found in the field of structural rehabilitation. This new approach for treating the extremities is based on several decades of clinical research on the orthopedic, sports medicine, neurologic, pediatric, and chronic pain patient. These simple-to-use techniques will decrease pain, improve movement and strength, decrease swelling and inflammation, and improve overall function of the arm and hand. These techniques can be used to effectively address shoulder and hip pain, decreased range of motion, tendonitis, carpal tunnel syndrome, edema, reflex sympathetic dystrophy, recurrent ankle sprains and much more. The significant amount of lab time in this course will lead to enhanced clinical skills. The concepts presented in this class teach the student how to use critical thinking to develop specific rehabilitation plans for different patient populations.

Learning Outcomes

1. Gain a familiarity with topographical anatomy as well as general anatomy of the vessels and nerves of the upper and lower extremity;
2. Learn how to assess diagnose and treat Compression Syndromes that lead to circulatory problems, sensory deficits and muscle weakness of the upper and lower extremity;
3. Learn how to assess, diagnose, and treat circulation insufficiency as well as common bone related dysfunctions of the upper and lower extremity.

Sports Medicine

SPOR 205 Integrative Manual Therapy for Sports Medicine (2 credits)

Pre-requisites: None

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Giammatteo, Thomas (2003). Integrative Manual Therapy for Biomechanics. Application of Muscle Energy and "Beyond" Technique

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

This seminar presents a gentle, non-aggressive alternative for athletes with sports injuries. The information presented in this course is didactic. All of the information regarding sports-specific injuries and requirements are collated from multiple experts in the field of sports medicine. Requirements for treatment, application and integration are based on research by Sharon W. Giammatteo, Ph.D.,P.T.,I.M.T.C. under the mentorship of Jay Kain, Ph.D.,P.T.,A.T.C.,I.M.T.C.

Learning Outcomes

1. Basic techniques for understanding and treatment of orthopedic and sports injuries.
2. Functional outcomes possible relative to sports specific injuries.

Viscera and Organ Systems

VOSYS 101 Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders with Advanced Strain and Counterstrain Technique (2 credits)

Pre-requisites: None

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon (1998). Integrative Manual Therapy for the Upper and Lower Extremities (Giammatteo, Thomas Ed.)

Course Description

Strain and Counterstrain Technique eliminates protective muscle spasm in skeletal muscles. It is common knowledge that a skeletal muscle like the biceps muscle can go into protective muscle spasm. What is less widely known is protective muscle spasm of smooth muscle. Smooth muscle lines all the vessels in our body. When smooth muscle goes into spasm, it causes the vessels in our body to become rigid and inflexible. This affects blood pressure and overall circulation. In turn, this affects range of motion and joint mobility of neighboring joints because the body tries to protect the compromised vessel.

Sharon W. Giammatteo, Ph.D., P.T., I.M.T.,C. and Thomas Giammatteo, D.C., N.D., P.T., I.M.T.,C. developed Advanced Strain Counterstrain which eliminates protective muscle spasm found in smooth muscles. During this course, the therapist will learn Strain Counterstrain and Advanced Strain Counterstrain techniques to eliminate protective muscle spasm of skeletal muscles as well as smooth muscles. These simple-to-use positional techniques will lead to immediate changes in posture, range of motion, flexibility, strength, circulation, swelling, and much more. These techniques can be performed in a matter of seconds and will provide the therapist with hundreds of new treatment tools to implement into their daily clinical practice.

Learning Outcomes

1. Advanced Strain and Counterstrain techniques to reduce and eliminate muscle spasm of autonomic nervous system innervated muscles
2. Neurofascial Process© and Synchronizers© to re-educate and increase muscle tone
3. Procedures and protocols for orthopedic, pediatric, neurologic, respiratory, and cardiac clients

VOSYS 200 Visceral Fascial Release for Pain and Disability: The 3-planar Fascial Fulcrum Approach. (2 credits)

Pre-requisites: None

Required Reading:

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

Course Description

Visceral Fascial Release is the culmination of several decades of clinical research in the field of Myofascial Release. The new approach presented in this introductory lab course uses Myofascial Release techniques on the visceral system. Amazing outcomes can be attained with these techniques. In the field of Structural Rehabilitation, answers are found for patients with organ-related dysfunctions such as heartburn, reflux, Colitis, irritable bowel syndrome, failure to thrive, seasonal and food allergies, environmental illness, gall bladder disorders, ulcers, asthma, emphysema, swallowing problems, kidney pain and related low back pain, and more. These simple techniques lead to decreased pain, improved movement, and overall improved physiologic function in all patient populations, including orthopedic and sports medicine, neurologic, pediatric, geriatric, chronic pain, and more. Extensive lab time will be focused on clinical skills training. During this course, the practitioner will learn how to develop short term and long term treatment plans utilizing the techniques learned in this course.

Learning Outcomes

1. How to map the viscera with Myofascial Mapping and determine when to use MFR The 3-Planar Fascial Fulcrum Approach for treatment of pain and movement restrictions associated with organ problems.
2. How to perform this unique and novel approach for treatment of pain and movement restrictions secondary to fascial constraints surrounding viscera.

VOSYS 203 Respiratory Rehabilitation for Chest Pain and Dysfunction and All Pulmonary Problems. A Manual Therapy Solution. (2 credits)

Pre-requisites: None

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

In this world of pollution and catastrophe that we live in, respiratory problems are on the rise. The addition of a pulmonary disorder significantly decrease a person's quality of life. There are too many children with asthma, allergies, and so many other complaints. People living sedentary lives is also common today. Answers can be found in Structural Rehabilitation. This three-day seminar provides answers for all patients living with respiratory problems. Clinical skills will be enhanced. These simple techniques lead to significant improvements in respiratory capacity, endurance, athletic performance, work capability, activities of daily living, and functional capacity. The concepts presented in this class teach the student how to use critical thinking to develop specific rehabilitation plans for different patient populations. This approach can be used to make significant changes in asthma, bronchial spasm and bronchitis, COPD, emphysema, atelectasis, recurrent cough, croup, pneumonia, pain and disability of the rib cage, and much more.

Learning Outcomes

1. Functional and topographical anatomy of the pulmonary system in order to use manual therapy.
2. Techniques to decrease signs and symptoms related to tension in the respiratory and cardiopulmonary systems.
3. Exercises for re-education of breathing.

**VOSYS 204 Women's Health: Treatment for Urogenital Pain and Dysfunction.
A Manual Therapy Solution (2 credits)**

Pre-requisites: None

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Giammatteo, Thomas (2001). Functional Rehabilitation for the Treatment of Mens and Womens Health Issues

Course Description

An increase in pelvic pain and disability with age is expected among men and women. By the time they reach mid to late adulthood, they are sustaining their health with drugs or surgery. Often, there are no other alternatives offered. Solutions can be found with Integrative Manual Therapy for the Urogenital System. During this introductory lab course, the therapist will learn many simple-to-use manual techniques to address hyperactive bladder, urinary incontinence and urgency, urinary tract and yeast infections, pre-menstrual syndrome (PMS), pelvic pain and more in women. The concepts and techniques taught in this course address circulation in the pelvic region, mobility of the pelvic joints and pelvic organs, nervous tissue dysfunction, toxicity in the pelvic bowl, and much more. Results from these techniques include decreased pain, increased movement, and overall improved function at the pelvic region. The therapist will be able to use this approach on the orthopedic, neurologic, pediatric, geriatric, and chronic pain patient. Following successful completion of this course, the therapist will have the ability to immediately apply these tools into their daily clinical practice.

Learning Outcomes

1. General, topographical, and surface anatomy of the urogenital system.
2. Many manual techniques to eliminate pelvic pain and dysfunction.
3. How to develop a functional home program to increase strength in the pelvic muscles, decrease pelvic pain, and increase pelvic stability.
4. Protocols for treatment of women's and men's health issues, including urinary incontinence and frequency, PMS, urinary tract infections, pelvic pain, and more.

VOSYS 205 Men's Health: Treatment for Urogenital Pain and Dysfunction. A Manual Therapy Solution (2 credits)

Pre-requisites: None

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

W. Giammatteo, Sharon & Giammatteo, Thomas (2001). Functional Rehabilitation for the Treatment of Mens and Womens Health Issues

Course Description

This three-day lab course on treatment of men's pelvic pain syndromes and dysfunction of the urinary (renal) and genital systems is for practitioners with introductory and advanced manual therapy clinical skills.

There is a growing awareness of men's pelvic pain syndromes. Integrative Manual Therapy (IMT) provides solutions to reduce and resolve men's urogenital dysfunction. User-friendly basic and advanced manual therapy techniques are presented to: affect incontinence, the hyperactive bladder and other urinary insufficiencies; inflammation of the prostate and other causes of prostatitis; infection within the pelvic bowl; pelvic pain syndromes and more. The concepts and techniques taught in this seminar address: circulation insufficiency in the pelvic region; mobility of the pelvic joints and pelvic organs; nervous tissue dysfunction and the neurogenic bladder and prostate; toxicity in the pelvic bowl, and much more.

Use this course material to decrease pain, increase movement, and attain improved function of the low back and pelvic region for men. The IMT material in this seminar can be used for the orthopedic, neurologic, pediatric, geriatric, and chronic pain patient. The therapist can immediately apply these tools in their daily clinical practice.

Some of this material is appropriate for treatment of women's health issues. The focus throughout will be on men's health.

Learning Outcomes

1. General and topographical / surface anatomy of the male urogenital system.
2. Manual therapy techniques to reduce and eliminate low back pain, pelvic pain and dysfunction.
3. A functional home program to increase strength in the pelvic muscles, decrease pelvic pain, and increase pelvic stability.
4. Protocols for treatment of and men's health issues, including urinary incontinence and frequency, urinary tract infections, pelvic pain, and more.

**VOSYS 301 Integrative Manual Therapy for the Autonomic Nervous System:
Treatment for Multi-Systems Breakdown (2 credits)**

Pre-requisites: Any Three CSIMT Classes.

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

The autonomic nervous system has been investigated by anatomists and neuroscientists. Clinical research of this system has been a major part of the chiropractic profession. Now there are Integrative Manual Therapy techniques which are extremely helpful. During this course, learn Advanced Strain and Counterstrain, Visceral Mobilization, and Exercises for Smooth Muscle. This is a comprehensive approach.

The practitioner will learn new information with unique presentation intended to augment clinical skills. This approach will facilitate critical thinking! It will shorten the recovery process. This material can be used for all clients.

Learning Outcomes

1. Anatomy and physiology of the autonomic nervous system.
2. The pathologic presentation in chronic pain, disease and disability related to dysfunction of the autonomic nervous system.
3. Manual therapy techniques to treat the autonomic nervous system dysfunction.
4. Physical functional medicine to address physiologic distress of multi-systems breakdown.

VOSYS 304 Advanced Women's Health: Treatment for Urogenital Pain and Dysfunction. A Manual Therapy Solution (Advanced Course) (2 credits)

Pre-requisites: VOSYS 202

Course Description

This three-day Lab seminar will bring the topic of Women's Health to a new level. Day 1 is about Breast Health; Day 2 presents Pelvic Trauma and Pain; Day 3 presents the IMT and PFM (Physical Functional Medicine) for Hormonal Imbalance and Pathophysiology. Throughout this course IDAP related to women and women's health issues is presented. Case-Based medicine, peculiar to women; Critical Thinking and Clinical Reasoning; techniques; Blueprints; Templates; Physical Functional Medicine; Biophysiology (Nutritional Wellness and Functional Medicine); and women related IDAP, affecting women of all ages as well as unique 21st century problems, will be discussed.

Learning Outcomes

1. The student will learn anatomy, physiology, and pathology of the women's reproductive system.
2. The student will learn many manual therapy techniques and protocols for treatment and correction of women's health issues.

VOSYS 502 The Liver: Visceral Mobilization to Promote Detoxification (Advanced Course) (2 credits)

Pre-requisites: Any Three CSIMT Classes.

Recommended Reading:

W. Giammatteo, Sharon & Giammatteo, Thomas (1997). Integrative Manual Therapy for the Autonomic Nervous System and Related Disorders

W. Giammatteo, Sharon & Kain, Jay B. (2005). Integrative Manual Therapy for the Connective Tissue System. Using Myofascial Release: The 3-Planar Fascial Fulcrum Approach (Giammatteo, Thomas Ed.)

Course Description

This 3 day introductory lab course will provide the therapist with manual techniques to stimulate the body's natural detoxification process. Toxicity can often be an underlying cause for recurring pain in your more complex clients. A common example would be referred low back pain caused by kidney dysfunction or right sided rib pain caused by inflammation of the liver. This approach will provide you with additional treatment options where conventional manual techniques and modalities have failed. These techniques are simple-to-use and easy-to-learn. After these techniques have been performed on the patient, there should be noticeable improvements in energy level and fatigue, strength and endurance, joint pain, inflammation, and overall quality of life. Immediately following this course, the therapist will be able to return to their practice with a fresh approach to treating patients where toxicity would normally have been overlooked.

Learning Outcomes

1. Assess and diagnose problems related to toxicity.
2. Differentiate between musculoskeletal pain and dysfunction and toxicity-related problems.
3. Treat areas of toxicity that might be underlying causes of pain, restricted motion, inflammation, fatigue, and more.

The therapist will also learn about:

1. Common sources of toxicity and their effect on the body, including food poisoning, pesticides, heavy metals, and more.
2. Nutritional intervention to promote detoxification; this will include nutritional protocols developed by experts in the field.

VOSYS 503 Irritable Bowel Syndrome: Critical Thinking, Clinical Reasoning, Clinical Skills, Case Based Medicine, Evidence Based Medicine and Nutritional Wellness (Advanced Course) (2 credits)

Pre-requisites: Any Three CSIMT Classes

Course Description

The material presented in this course is used to reduce and eliminate soft tissue and joint dysfunction which cause and contribute to Irritable Bowel Syndrome (IBS). Merck Manual defines Irritable Bowel Syndrome as "(Spastic Colon), a motility disorder involving the entire GI tract, causing recurring upper and lower GI symptoms, including variable degrees of abdominal pain, constipation and/or diarrhea, and abdominal bloating." Alarming numbers of people are affected by IBS.

The student will learn Integrative Diagnostics and manual therapy for the bowel. The bowel includes the valve of Houston (between the descending colon and the sigmoid colon), the sigmoid colon, the rectum and the anal-rectal sphincter. Course participants will learn non-aggressive hands-on techniques to address acute and chronic soft tissue and joint dysfunction to provide long term relief of signs and symptoms. Included in this seminar is a comprehensive nutritional wellness program to augment healing from the pathophysiology of IBS.

Learning Outcomes

1. Anatomy, physiology and pathology of IBS.
2. An Integrative Manual Therapy approach for treatment of soft tissue and joint dysfunction which cause and contribute to IBS.
3. A Nutritional Wellness program to augment healing of the bowel, to promote recovery from IBS.
4. An exercise program for reduction and elimination of smooth muscle spasm which contributes to the signs and symptoms of IBS.
5. A unique concept: Support the 6 phases of Homotoxicology with Integrative Manual Therapy.

VOSYS 510 Hyper-Vascularized Site: HVS. An IMT Recovery Motility. A Clinical Skills Development Workshop (Advanced Course) (2 credits)

Pre-requisites: Any Nine CSIMT Classes, plus recommended: CRNS 502

Course Description

HVS's cause significant signs and symptoms. Throughout this Clinical Skills seminar the participant will practice the technique 'HVS'. Palpation, recognition of the sites of this dysfunction, and other manual therapy intervention which will be required to treat this dysfunction will be presented during the course.

Learning Outcomes

1. Clinical skills: the technique HVS, an IMT Recovery Motility
2. The consequences of HVS's

VOSYS 550 Gluten Sensitivity and Related Biologic Disorders. Focus on Problems of the Gut and Beyond (Advanced Course) (2 credits)

Pre-requisites: Any Three CSIMT Classes

Course Description

Gluten Sensitivity (GS) has reached epidemic proportions. Ten years ago, one in every 2000-4000 persons had Gluten Sensitivity. It was considered familial, called Celiac Disease (CD). Celiac Disease is the extreme end of the continuum of Gluten Sensitivity. Today one in every 133 persons has GS. It is an 'Acquired' disorder.

What can a Manual Therapist contribute? Many of our patients are sick and do not progress with typical rehabilitation. The signs and symptoms vary: joint pain, weakness, severe neurologic disorder, incapacitating illness, inflammation, and more.

Integrative Manual Therapy can contribute to a short term and long term solution.

Learning Outcomes

1. Learn about Gluten Sensitivity (GS)
2. Learn ways that manual therapy can affect biologic dysfunction
3. Learn IMT methods to affect the signs and symptoms of GS and related disorders

VOSYS 600 The Heart: Manual Therapy for Heart Consciousness (Advanced Course) (2 credits)

Pre-requisites: Any Three CSIMT Classes

Course Description

The Heart course is part of the greater Heart Protocol, which includes: VOSYS 401 (Cardiac Habilitation), VOSYS 501 (Cardiovascular Rehabilitation), Advanced Strain/Counterstrain, Template Therapy: Heart Protocol and this seminar: The Heart. This course has been transformed! Significant new material has been added to augment healing of the heart and by the heart! This course includes opportunities for experiential learning, as well as development of clinical skills. This course is meant to transform the participant and facilitate healing for those who receive treatment during lab.

Learning Outcomes

1. How to use and feel multiple components of the Healing Protocol.
2. How to use and feel the transformation which occurs when Biomechanics, accessory and physiologic movement, of the heart are corrected.
3. Experience the transformational healing which occurs when heart energies are augmented.

HISTORY/ORGANIZATION

Integrative Manual Therapy has a clinical arm, an educational arm, and a research arm. IMT practitioners either treat patients at CenterIMT clinics (Center for Integrative Manual Therapy and Diagnostics), or at independent practices, hospitals, etc. CenterIMT clinics are located both in the US and internationally, and are headquartered in Bloomfield, Connecticut. IMT seminars are presented through either the Connecticut School of Integrative Manual Therapy (CSIMT), or Dialogues in Contemporary Rehabilitation (DCR). Today, there are over 150 IMT courses per year taught worldwide.

In 2001, the Connecticut School of Integrative Manual Therapy became authorized as a private occupational school in the state of CT. The 3 year diploma program trains health care and non health care professionals to be experts in the field of diagnostics and treatment of IMT. Following completion of the CSIMT diploma program, graduates are eligible to sit for certification and become Certified IMT practitioners. This certification program is affiliated with Westbrook University.

DCR was set up by Mary Fiorentino, OT, to bring continued education in manual therapy to health care practitioners. In 1986, DCR was passed on to Dr. W. Giammatteo, and has subsequently focused on IMT education.

Research and development at CenterIMT is constant. New techniques and protocols are created on a regular basis, based on clinical research and patient care. Currently, there are many IMT practitioners who are focusing their doctoral research on the field of IMT. This research is focused across all patient populations and includes research into the fields of autism, spinal cord injury, and Parkinson's. In 2006, CenterIMT in Bloomfield, CT set up a dedicated research lab to do biologic research in the field of IMT. This venture sets CenterIMT apart as leaders in the field of investigation and clinical research of manual therapies. We are currently seeking out both federally funded and private grants to pursue clinical research in this field.

In August 2003, the IMT professional community initiated the Integrative Manual Therapy Association (IMTA). The IMTA is a professional association for IMT practitioners independent of CenterIMT. It supports individual practitioners, and promotes IMT as a health care profession. Our goal for the future is to launch IMT Global Health, which will be a foundation that subsidizes special clinical programs in IMT, prepares grants for clinical research and patient care funding, and supports clinical research in IMT.

As IMT continues to evolve, it aims to extend its reach globally and to other health care disciplines. True to its multi-disciplinary origins, IMT will continue to communicate with, learn from and train professionals from all health care disciplines in order to ultimately provide patients with optimal care.

Editor's Comment: Please note that the following terms are trademarked: Integrative Manual Therapy, CenterIMT, Integrative Diagnostics, Dialogues in Contemporary Rehabilitation, Integrative Manual Therapist-Certified, Biophysiology.

CORE CURRICULUM REQUIREMENTS

BIOPH 201 Physical Functional Medicine 24

BIOPH 301 Functional Medicine / Concepts in Applied Nutrition and Biophysiology 25

BODM 301 Integrative Diagnostics for Applied Psychosynthesis: A Manual Therapy Approach for Emotional Based Pain and Dysfunction 26

CRNS 101 Cranial Therapy Series, Level One: Osseous, Suture, Joint and Membrane. Treatment of Headaches and Trauma 29

CRNS 103 Neural Tissue Tension Techniques: Decrease Pain, Increase Movement, Improve Nerve Function 30

CRNS 201 Cranial Therapy Series, Level Two: Membrane; Fluid; Face; Intra-Oral Dysfunction 31

CRNS 301 Cranial Therapy Series, Level Three: Pain and Disability; CSF; Spinal Cord and Brain Fibrosis; Immunology 32

CRNS 401 Cranial Series, Level Four: Cranial Therapy: Recovery and Rehabilitation Protocols 33

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CTIS 102 Myofascial Mapping©-A Critical Diagnostic Skill for Manual Practitioners 28

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IMDE 201 Lymphatic Series, Level Two: Immune Preference 35

INTC 201 Double Crush Syndrome: Treatment for Thoracic Outlet Syndrome, Carpal Tunnel and Upper Extremity Pain and Dysfunction 36

INTDG 101/201 Integrative Diagnostic Series, Levels One and Two: Myofascial Mapping and Neurofascial Process 38

INTDG 301 Integrative Diagnostic Series, Level Three: Toxicity, Circulation, Diagnostics 39

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MSKEL 103 Rib Cage Biomechanics with Muscle Energy and 'Beyond' Technique 41

MSKEL 105 Strain and Counterstrain Technique and Advanced Strain Counterstrain Technique. A Manual Therapy Solution for Protective Muscle Spasm in the Orthopedic, Neurologic, Pediatric, and Geriatric Patient 42

MSKEL 205 Upper and Lower Extremities Rehabilitation with Compression Syndromes, Muscle Energy and 'Beyond' Technique, Type III Dysfunction, Bone Bruise Techniques, Ligament Fiber Therapy and Tendon Release Therapy 43

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VOSYS 202 Women's and Men's Health: Treatment for Urogenital Pain and Dysfunction. A Manual Therapy Solution 47

VOSYS 361 Lung Management: Pulmonary Insufficiency and Oxidative Stress. Treatment with IMT 48

VOSYS 401 Cardiac Habilitation: Prevention and Treatment. A Manual Therapy Solution 49

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- ANKF 101 Ankle and Foot Solutions: Integrative Manual Therapy for Recovery of Lower Limb Dysfunction 55
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- ANKF 402 Integrative Manual Therapy of the Ankle and Foot: Focus on the Pediatric Foot 58
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- ANKF 405 Integrative Manual Therapy of the Ankle and Foot: Focus on the Athletic Foot 61
- ANKF 501 Comprehensive Integrative Manual Therapy: for the Ankle and Foot 62
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- BODM 101 Neuro Fascial Process 63
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- BODM 321 Anger Management & Co-dependency 65
- BODM 401 Integrative Diagnostics: Letting Go Of Fear 66
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ENDO 501 Adrenals and Stress 82

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IMDE 401 Lymphatic Series: Level Four: Immune Function: The Pancreas and The Heart 88

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IMDE 521 Hyperplasia Syndromes 90

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INTDG 502 Integrative Diagnostics, Advanced Level Two: Multiple Systems Breakdown 98

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