FALL 2016

EVIDENCE-BASED CLINICAL MANAGEMENT SEMINARS FOR PHYSICAL THERAPISTS

CLINICAL REASONING WITH 70% HANDS-ON LABORATORY

COURSES INCLUDE:
- Joint Mobilization -- Spinal & Peripheral
- Neurodynamics & Traction
- Thrust and Non-Thrust Manipulation -- Spinal & Peripheral
- Accurate Assessment, Clinical Reasoning/Decision-Making
- Maitland Comprehensive Review
- Stabilization Training & Functional Rehabilitation
- Evidence-Based Orthopedic Diagnostic Evaluation
- Sacroiliac Joint & Pelvis
- Upper Cervical: Headaches/Dizziness/TMD/Concussion
- Geriatric Manual Therapy
- COMT Certification
- Orthopedic Manual Therapy Fellowship Program

Comprehensive Orthopedic Manual Therapy Certification and Fellowship Programs

Highly Qualified Instructors:
13 FAAOMPTs, 14 OCSs, 7 Advanced Manipulation Degrees, and 10 PhDs/DPTs

Approval Rating of 98% from 36,683 Course Participants

www.ozpt.com     1-800-828-0738
**FALL 2016 SCHEDULE**

All courses follow the standard course schedule unless otherwise indicated.

### MT-1: ESSENTIAL PERIPHERAL SEMINAR
- Jackson, MI  |  Sep 16-18
- Atlanta, GA  |  Sep 23-25
- Danvers, MA  |  Sep 23-25
- Knoxville, TN |  Sep 30-Oct 2
- Havertown/Philadelphia, PA |  Oct 21-23
- San Clemente, CA |  Nov 4-6
- New York, NY |  Nov 18-20

### MT-2: ESSENTIAL SPINAL SEMINAR
- Washington, DC |  Sep 16-18
- Wyomissing/Reading, PA |  Sep 16-18
- Nashville, TN |  Sep 16-18†
- Riverhead, NY |  Sep 23-25
- Edmonds/Seattle, WA |  Sep 30-Oct 2†
- Chicago, IL |  Oct 7-9†
- Albuquerque, NM |  Oct 14-16
- Orlando, FL |  Oct 14-16
- Aiken, SC |  Oct 28-30
- Boca Raton, FL |  Nov 4-6
- St. Louis, MO |  Nov 4-6
- White Plains, NY |  Nov 4-6
- Colorado Springs, CO |  Nov 11-13†
- Durham, NC |  Nov 4-6†
- Atlanta, GA |  Nov 18-20
- Nashua, NH |  Nov 18-20†

### MT-3: INTERMEDIATE SPINAL SEMINAR
- Walnut Creek, CA |  Sep 16-18†
- Chesterfield/St. Louis, MO |  Sep 23-25†
- Charlotte, NC |  Nov 11-13
- Burton, MI |  Nov 11-13

### MT-4: DIFFERENTIAL ASSESSMENT & CLINICAL REASONING SEMINAR
- Orlando, FL |  Sep 16-18
- Danvers, MA |  Nov 4-6

### MT-ST: STABILIZATION TRAINING & FUNCTIONAL REHABILITATION SEMINAR
- Also open to PTAs and ATs
- New York, NY |  Sep 16-18
- Colorado Springs, CO |  Sep 23-25†
- Lawrence, MA |  Oct 14-16
- Scottsdale, AZ |  Oct 21-23
- Chicago, IL |  Oct 28-30†
- Pittsburgh, PA |  Nov 4-6
- Totawa, NJ |  Nov 18-20

### COMT CERTIFICATION EXAMINATION
- Washington, DC |  Nov 18-20
- Danvers, MA |  Jun 2-4, 2017

### MT-M: SPINAL & PERIPHERAL MANIPULATION SEMINAR
- Also open to PTAs and ATs
- New York, NY |  Oct 14-16
- San Clemente, CA |  Oct 21-23
- Washington, DC |  Nov 4-6

### MT-UC: UPPER CERVICAL SEMINAR
- Chicago, IL |  Sep 16-18*
- Charlotte/ Matthews, NC |  Sep 30-Oct 2
- Old Forge/Scranton, PA |  Sep 30-Oct 2
- Nashville, TN |  Oct 14-16
- Corvallis, OR |  Nov 18-20

### MT-SIJ: SACROILIAC JOINT & PELVIS SEMINAR
- Also open to PTAs and ATs
- 2-Day Course
- Fort. Wayne, IN |  Oct 1-2
- Somerset, NJ |  Oct 29-30

### MT-G: GERIATRIC MANUAL THERAPY SEMINAR
- Also open to PTAs
- 2-Day Course
- San Clemente, CA |  Sep 24-25
- Fairfax, VA |  Sep 24-25
- Chicago, IL |  Nov 19-20
- Johnson City/Gray, TN |  Nov 19-20

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**SAVE WITH MAPS REGULAR DISCOUNTS!**

"EARLY BIRD" DISCOUNT: ENROLL 3 MONTHS PRIOR TO COURSE DATE TO SAVE 5%.

ENROLL IN TWO OR MORE COURSES OR ENROLL TWO OR MORE PEOPLE SIMULTANEOUSLY TO SAVE 10%.

MAPS ALSO OFFERS STUDENT, MILITARY, AND AAOMPT DISCOUNTS.

Please visit the FAQ tab on [www.ozpt.com](http://www.ozpt.com) for registration information, discounts, refund & cancellation policies.
THE EVIDENCE-BASED
MAITLAND-AUSTRALIAN APPROACH

The Maitland-Australian approach is world renowned and the cornerstone of modern day Evidence-Based Orthopedic Manual Therapy. First developed by the famous Australian Physiotherapist and co-founder of IFOMPT(1), Geoffrey Maitland, the Maitland-Australian approach was introduced to the U.S. by MAPS founder Robert Sprague, PT, PhD, GDMT, COMT, FAAMPT. This approach is based primarily on the assessment and treatment of the patient’s signs/symptoms, respecting the diagnosis, understanding the pathology and using biomechanical knowledge when applicable. Biomechanical theory plays only a small role. The examination and subsequent treatment is intended to gently provoke the patient’s actual symptoms and thus confirm the source and specific tissues potentially at fault. Carefully graded osteokinematic (physiological) and arthrokinematic (accessory) passive mobilization techniques are performed to reproduce the pain of a stiffness disorder (pathomechanical) to restore normal movement and mechanics, OR to reduce/eliminate the patient’s pain dominant disorder (pathophysiological) related to inflammation or other pathophysiological processes.

The Maitland-Australian approach is scientific, systematic, logical, usually very gentle and epitomizes TRUE Clinical Evidence-Based Medicine (EBM). MAPS integrates the THREE equally weighted components of EBM into every course using:

★ THE BEST AVAILABLE RESEARCH ★
Supporting research updated continually to ensure course content validity.

★ CLINICAL EXPERTISE ★
MAPS courses refine skills in patient assessment, clinical reasoning, and clinical decision-making. Our Faculty have over 450 combined years of clinical experience. Our courses emphasize lateral thinking to improve the therapist’s clinical skills through continuous self-assessment.

★ PATIENT VALUES ★
The patient’s needs are considered above all else, and the effects the disorder has upon the patient are the primary concerns in both evaluation and treatment.

(1) IFOMPT=International Federation of Orthopedic Manual Therapists

MANUAL THERAPY CERTIFICATION – COMT

MAPS courses are organized in a series to maximize learning and prepare eligible participants for Certification Examinations.

*All SIX core courses (MT-1, MT-2, MT-3, MT-4, MT-ST, and MT-O) MUST be completed prior to sitting the COMT Certification Examination.*

Those candidates who pass these rigorous exams may adopt the professional designation of Certified Orthopedic Manual Therapist (COMT), indicative of an intermediate level of competency in manual therapy. COMTs have the option of being included in MAPS’ national directory of skilled Manual Therapists.

ORTHOPEDEIC MANUAL THERAPY FELLOWSHIP

EARN INTERNATIONAL RECOGNITION
MAPS Fellowship has obtained candidate status from The American Board of Physical Therapy Residency and Fellowship Education (ABPTRFE) and hopes to become fully accredited in Spring 2017. Though candidate status signifies satisfactory progress toward accreditation, it does not assure the program will be accredited. Graduates are expected to qualify for acceptance as a fully credentialed Fellow in the American Academy of Orthopedic Manual Physical Therapists (AAOMPT), recognized worldwide as the highest level of clinical excellence by the APTA and the International Federation of Orthopaedic Manipulative Physical Therapists (IFOMPT).

FLEXIBLE SCHEDULING TO FIT YOUR BUSY LIFESTYLE
The MAPS Fellowship offers a unique combination of online, live, and onsite mentorship throughout the U.S., individually tailored to your already busy lifestyle. Take from 12 to 36 months to complete and pay for the program, learn at your own pace. Direct contact courses are offered throughout the United States on weekends with onsite mentorship available at multiple practice sites around the country.

TO LEARN MORE ABOUT THE MAPS FELLOWSHIP
Please visit the Fellowship tab at www.ozpt.com or contact Joanne Showalter at joanne@ozpt.com or call 1-800-828-0738. Limited Fellowship positions available. New applications being accepted starting October 1, 2016 for enrollment in Spring 2017.
COURSE ESSENTIALS

MAPS courses are designed primarily for medical professionals, including P.T.s, M.D.s, and D.O.s, interested in the effective and efficient management of patients with neuromusculoskeletal disorders using skilled orthopedic manual physiotherapy. We also offer a limited number of courses for PTAs and ATs. Assessment and treatment techniques are presented in a directly supervised “hands-on” format (70%-90% laboratory).

ALL MAPS COURSES:
• Are pre-approved for CEU credit in all states in which courses are offered
• Include 70-90% laboratory with directly supervised instructor feedback
• Have live patient demonstrations/evaluations where legally permitted & available
• Require participants to assume role of both patient & clinician in lab sessions

TUITION INCLUDES:
Course registration, all instructional materials, illustrated course manual, instructor fees, and official Certificates of Completion (CEUs).

COURSE REQUIREMENTS:
All MAPS courses are open to P.T.s, Physicians & D.O.s. MT-G is also open to PTAs and MT-ST and MT-SIJ are open to PTAs and Certified Athletic Trainers. Lab clothes are required for all course participants for laboratory sessions. Most courses also include a required home study component.

COURSES WITH PREREQUISITES:
MT-UC, MT-3, MT-4, MT-R. Please visit www.ozpt.com or refer to the Prerequisite section within the course descriptions of MT-UC, MT-3, MT-4, and MT-R in this brochure.

COURSE DESCRIPTIONS AND OBJECTIVES:
Course descriptions and objectives are listed under individual courses. You may also want to visit www.ozpt.com and view the course objectives under the course description tab.

(2) Participants are advised that in accordance with APTA HOD RC 31-01, the material taught in MAPS courses is not intended to be used outside the scope of the participant’s personal abilities, licensure or relevant regulations. Furthermore, elements of the seminars are considered Physical Therapy only when performed by or under the direction of a licensed Physical Therapist.

REGISTRATION/CANCELLATION POLICIES
Full payment must be submitted at the time of registration. Seats are limited. We accept personal or company checks, money orders, and major credit cards (Visa, MC, and Amex).

REFUND/CANCELLATION POLICIES:
Refunds, less a $100 cancellation fee, are available if a written request is received by MAPS no later than 30 days prior to the course start date. No refunds are available for the COMT Exam, Symposium, or MT-A. Participants may request to change a course for which they have registered up to 72 hours prior to the course date. The initial transfer of any single course registration is complimentary, but any additional transfers beyond the initial are subject to a $40 Transfer Fee. Letters of Credit (LOC) are available to attend a MAPS course at a later date. LOCs are valid for 12 months and require a $40 re-registration fee. Any course cancelled by MAPS will be refunded in full. In the event of illness or other emergency, you must notify MAPS at 1-800-828-0738 of your absence no later than 14 days after the scheduled course date to request a transfer or letter of credit. Re-registration fees may apply. Unexplained absences will result in forfeiture of the course registration fee 14 days following the course completion date.

TRAVEL/LODGING:
Suggested lodging, course site maps/directions, etc., are provided with confirmation email, but participants must make their own reservations. Do not make non-refundable travel arrangements without receiving a written confirmation, MAPS is not responsible for non-refundable or airline/hotel reservations.

CONSISTENTLY HIGH APPROVAL RATINGS

Course participants consistently give MAPS “A+” approval ratings. MAPS has been providing quality continuing education to medical professionals for over 30 years! Over that time, MAPS has enjoyed consistently high approval ratings from course participants. Participants evaluate our courses on a 6-point scale from 1 (“very poor”) to 6 (“outstanding”). Evaluations are based upon eleven essential variables used to ensure that each course is informative, clinically relevant, and practical.

The last 36,683 participants gave MAPS courses an approval rating of 5.88 or 98%!
Our Faculty are respected leaders in the industry, passionate educators and clinicians with over 450 combined years of clinical experience. Many have published original research and peer-reviewed articles (185+ articles to date) in well-respected journals (e.g. “JOSPT”, “Manual Therapy”, etc.) and are authors and/or major contributors to 12 Physical Therapy textbooks. Faculty includes: 13-FAAOMPTs, 14 OCSs, 7-Advanced Manipulation degrees, and 10-PHDs/DPTs. Visit www.ozpt.com for additional information on each instructor.

Marrow Burnette, PT, MSPT, OCS, COMT: M.S. and B.S. in P.T., Univ. of North Florida.

C.J. Conway, PT, GDMT, MMPAA, COMT: GDMT Univ. of So. Australia Adelaide. Studied directly under Geoff Maitland.

Charles DiSanto, DPT, OCS, CHT, COMT: B.A Psychology (93’) B.Sc. (PT) (97’) both from Cleveland State University. D.P.T (15’) University of Montana. CHT (03’)

Darren Earnshaw, PT, MMT, Cert MDT, COMT, FAAOMPT: M.S. Manipulative Medicine & B.S. Physiotherapy, Curtain Univ., Perth.


Tricia Fong, MSPT, COMT: M.S. P.T. Univ. of Miami, FL, B.S. Health Science, St. Mary’s College, Moraga, CA.

Chris Greetham, PT, MCSP, COMT: B.S. P.T. Bath Univ. (U.K.) & advanced training under Dr. James Cyriax (London)

Kate Hoppensteadt, PT, MSPT, MMPT, COMT: M.S. Manip. Physiotherapy, Univ. of Australia-Sydney (’02); M.S.P.T. West Carolina University. (’99) B.S. Allied Health, UNC-Charlotte (’96)

Steve Houghton, PT, OCS, COMT, FAAOMPT: B.S.P.T. Wayne State Univ., Detroit; B.S. Biology, Michigan State.

Clare M. Jones, PT, OCS, COMT, CFMT, FAAOMPT: B.S. Physiotherapy LaTrobe Univ. (’00), Melbourne, Australia.

Vincent J. Kabbaz, PT, MMPT, COMT, FAAOMPT: M.S. Manipulative Physiotherapy & B.App. S. Physiotherapy, Univ. of So. Australia, Adelaide.

Kenneth Learman, PhD, PT, OCS, COMT, FAAOMPT: PhD Sports Medicine, Univ. of Pittsburgh, M. Educ. Health, Penn State (’92), and B.S. P.T., SUNY-Buffalo (’89)

Jody Musick, PT, DPT, OCS, COMT, FAAOMPT: DPT, & Double B.S. Biology/Health Science (Magna Cum Laude), Shenandoah Univ. (Winchester, VA).

Stephen Nestor, DPT, COMT: DPT, MGH Instit. of Health Professions, Boston, MA, B.S. P.T., Northeastern University.

Bryan J. O’Halloran, DPT, OCS, SCS, COMT: B.S. Physiotherapy Lincoln Institute-LaTrobe Univ., Melbourne, Australia.

Michael O’Hearn, PT, MHS, OCS, FAAOMPT: B.Sc. Univ. of NSW-Sydney, Australia, Grad Diploma Physio (Sydney); M.H.S. in P.T., Univ. of Indianapolis.

Brian S. Russ, PT, DPT, OCS, COMT, FAAOMPT: B.S. PT, University of Buffalo (’99). FAAOMPT Kaiser Haywood, CA (’05), D.P.T AT Still Univ. (’13), Dr. Russ is an Assistant Professor at Nova Southeastern University, Ft. Lauderdale, FL.

David Sahley, DPT, OCS, COMT: B.S. Sports Medicine, Radford Univ., Radford, VA, MSPT; DPT Marymount University (Arlington, VA).


Christopher Showalter, PT, OCS, COMT, FAAOMPT: B.S. Anatomy, B.S. Physiotherapy Lincoln Institute-LaTrobe Univ., Melbourne, Australia. Clinical affiliations directly under G. Maitland.

Corne Van Eck, DPT, OCS, COMT, FAAOMPT: B.A. Internat’l Relations, B.S. Physiotherapy Univ. of Pretoria, So. Africa, DPT, Ola Grimsby Institute, VA. Corne also completed the Ola Grimsby Residency.

Keith Wobeser, PT, OCS, COMT: B.S. Biology (’90) and B.S.P.T. (’93), Univ. of Saskatchewan, Saskatoon, Canada.

RESEARCH CONSULTANT: Chad Cook, PT, MBA, PhD, FAAOMPT: PhD Human Sciences, Texas Tech, M.B.A. Global Management Univ. of Phoenix, B.S. PT Maryville Univ.; PT Professor & Program Director at Duke Univ., Durham, NC. Senior Associate Editor of the British Journal of Sports Medicine and Special Topics Editor of JOSPT; author, Orthopedic Manual Therapy: An Evidence-Based Approach.
Introduction to Maitland-Australian orthopedic manual therapy, focusing on effective assessment and treatment of the Upper and Lower Limbs. Highly specific subjective & objective physical examination techniques are taught. Methods of treatment practiced extensively in lab sessions for both limbs including: Shoulder (Gleno/Humeral, Scapulo/Thoracic, and Clavicular articulations), Elbow, Wrist, Hand, Hip, Knee, and the Ankle-Foot complex.

Course Objectives:

- Accurately differentiate between normal and abnormal resistance to passive movement using accessory & physiological examination/treatment techniques.
- Integrate the course materials to select, properly apply, and defend selection of four different grades of passive movement to various peripheral joints.
- Understand, discuss and explain Maitland’s clinical reasoning model, including eight clinical hypothesis categories per M. Jones and D. Rivett, and correctly demonstrate integration of these concepts into an evidence-based clinical reasoning model.
- Synthesize and correctly apply and defend principles of treating pain and stiffness as per Maitland and other manual P.T.s.
- Formulate, select and defend the most effective treatment & examination techniques for the peripheral patient based upon clinical assessment and clinical reasoning, rather than theoretical protocols. Participant will be able to demonstrate at least once.
- Develop and refine evaluation skills in differential assessment and diagnosis, and be able to accurately demonstrate and defend at least one example.
- Develop, refine and accurately demonstrate the ability to quickly and effectively treat orthopedic conditions using at least one known manual therapy technique.
- Develop, refine, demonstrate and accurately defend at least one modified or newly created effective manual therapy technique for the treatment of orthopedic conditions.
MT-2: ESSENTIAL SPINAL
21 DIRECT HOURS/3 DAYS; CEUs=2.5/TUITION: $625

COURSE DESCRIPTION:
May be taken as first course in the series. Introduction to the Maitland-Australian concept of assessment and treatment for the Spine. Emphasis is on the Cervical, Thoracic (including rib articulations) and Lumbar spine. Neurodynamic assessments are introduced. Principles of assessment/treatment are addressed in supervised lab sessions with live patient demonstrations. Management of pain-dominant (pathophysiological) and stiffness-dominant (pathomechanical) disorders are taught extensively. Techniques of assessment and treatment include physiological and accessory movements, which are directed very specifically to individual spinal segments.

COURSE OBJECTIVES:
Course participants upon completion will be able to:
• Conduct a subjective & physical exam of the spine based upon principles of assessment as described by G. Maitland and other manual P.T.s.
• Understand and apply the principles of treating pain & stiffness using manual therapy.
• Understand and apply Maitland's clinical reasoning model, including the eight clinical hypothesis categories per M. Jones and D. Rivett.
• Properly apply five grades of passive movement to the spinal region.
• Select the most effective treatment & examination techniques for the spinal patient, based upon accurate and specific diagnostic clinical assessment.
• Develop skills in differential assessment and diagnosis.
• Develop the ability to quickly and effectively treat patients with spinal conditions.
• Enhance proficiency in the use of Lumbar rotations and Neurodynamics.

MT-3: INTERMEDIATE SPINAL
21 DIRECT HOURS/3 DAYS; CEUs=2.7/TUITION: $650

COURSE DESCRIPTION:
Continuation from MT-2, manual therapy for the Spine is taken to the intermediate level. Refinement and clarification of subjective & physical examinations; treatment for Cervical, Thoracic & Lumbar spine. Treatment Planning & Progression, Movement Diagrams, Modern Pain Theory, Cervicogenic Headaches (and other headache types), Whiplash, and highly specific passive physiological & accessory movement tests, extensive Neurodynamics, and improved skills in palpation (ability to feel changes in resistance & responses to mobilization). Emphasis is given to application and selection of techniques, progression of treatment, conversion of passive techniques into active exercises, neurological exams, and case histories. INTRODUCTION to SPINAL MANIPULATION. Subjective and objective physical differentiation techniques are taught using hypothesis testing for Cervical, Thoracic & Lumbar spine.

COURSE PREREQUISITES:
MT-2. MAPS recommends practicing the skills learned in MT-2 for four (4) to six (6) months prior to attending the MT-3 course.

COURSE OBJECTIVES:
Course participants upon completion will be able to:
• Show improved clinical reasoning skills.
• Conduct effective clinical assessments using clinical reasoning & hypothesis testing.
• Incorporate Movement Diagrams to improve assessment, treatment selection and treatment effectiveness.
• Perform a focused subjective and objective physical exam of the Cervical, Thoracic and Lumbar spine based upon principles of assessment as per G. Maitland and other manual P.T.s.
• Understand the basic principles of assessment & treatment of the nervous system as described by D. Butler, R. Elvey, and other manual P.T.s

Where legally permitted.
MT-ST: STABILIZATION TRAINING & FUNCTIONAL REHABILITATION

21 DIRECT HOURS/3 DAYS; CEUs=2.6/TUITION: $625

COURSE DESCRIPTION:
This course incorporates the latest Evidence-Based Medicine (EBM) from worldwide sources. Participants evaluate the underlying quality of each major study and the corresponding philosophies of spinal stabilization. Instructor leads participants through a critical evaluation of different theories to determine how best to incorporate the information and apply graduated, specific, and effective muscle retraining into real patient situations. Extensive laboratory sessions practice graduated stabilization approaches, including Cervical and Lumbar Spine, Shoulder, Knee and Ankle injuries, as well as post-surgical conditions and specific diagnoses. Intervention is based upon EBM, physiology and current concepts in functional rehabilitation. May be taken at any time as a stand alone course.

COURSE OBJECTIVES:
Course participants upon completion will be able to:
• Understand the major philosophies of stabilization training.
• Critically evaluate the EBM research supporting the different philosophies.
• Assess the stability of the Cervical and Lumbar Spine, Shoulder, Knee & Ankle.
• Apply principles of exercise physiology to ensure appropriate stabilization is performed.
• Evaluate effectiveness of the stabilization treatment provided to specific patients.

MT-4: DIFFERENTIAL ASSESSMENT & CLINICAL REASONING

21 DIRECT HOURS/3 DAYS; CEUs=2.8/TUITION: $650

COURSE DESCRIPTION:
Integration of the clinical reasoning techniques from MT-1, MT-2, and MT-3 with applied techniques at a more advanced level. Emphasizes clinical reasoning and assessment processes. Differential assessment and Differential Diagnosis is taught for the Upper Quarter (Cervical/Shoulder/Thoracic) & Lower Quarter (Lumbar/Pelvic/Hip). Other major topics include pathological patterns of spinal & pelvic girdle dysfunction, the hypomobile S.I. joint, and treatment techniques for the Spine, Hips, Knees, Ankle/Foot complex, Shoulder, Elbow, and the Wrist/Hand. Differentiation of shoulder girdle and pelvic girdle from spinal pathology. Includes required Home Study course component of approximately 7.0 hours.

COURSE PREREQUISITES:
Open to P.T.s and Physicians, who have completed MT-1, MT-2, MT-3. Six months practice of MT-3 skills recommended.

COURSE OBJECTIVES:
Course participants upon completion will be able to:
• Conduct a focused subjective & physical exam of the spine and related peripheral joints, based upon principles of assessment as described by G. Maitland & other manual P.T.s.
• Perform a differential diagnosis by region (upper and lower quarters) using the Maitland approach.
• Hypothesize actual tissue at fault in mechanical conditions.
• Refine clinical reasoning skills beyond levels achieved in MT-1, MT-2 and MT-3.
• Select the most effective treatment & examination techniques for the patient based on clinical assessment, hypothesis testing and extensive reassessment.
• Accurately measure immediate outcomes of the manual therapy intervention.
**COMT Certification**

2+ Days / Tuition: $975

**COMT DESCRIPTION:**
A rigorous examination process that tests the candidate’s knowledge of the competencies learned in the Core MAPS Curriculum Prerequisites. These competencies were presented/learned in MT-1, MT-2, MT-3, MT-ST, MT-O and MT-4. Multiple exam components: written short-answer, multiple choice, video-patient exam, and an OSCE-oral/practical (a hands-on exam of manual skills). Emphasizes clinical decision-making, advanced orthopedic clinical practice, accurate techniques of assessment/treatment, effective treatment progression and safety. Examinations take two days, but scheduling for the written and practical exams vary, and participants must be available for testing all three days, or as directed in their final confirmation letters.

MAPS has Certified 779 COMTs as of June 5, 2016.

**COMT PREREQUISITES:**
Upon application open to PTs and Physicians who have completed MT-1, MT-2, MT-3, MT-ST, MT-O and MT-4. No discounts or refunds available for CERTIFICATION.

**COMT OBJECTIVES:**
Applicants who achieve a passing grade will become CERTIFIED at the Intermediate level of Manual Physiotherapy, and may adopt the designation of Certified Orthopedic Manual Therapist (COMT) as a professional credential. Includes complimentary nationwide listing on www.ozpt.com for one year.

**COMT RE-CERTIFICATION:**
To ensure that COMTs maintain a high degree of competency in manual therapy, COMTs are required to satisfy additional continuing education requirements over a five year period in order to maintain their MAPS Certification designation. Details on re-certification can also be found on our website www.ozpt.com.
**ELECTIVES**

The following courses are electives that are *NOT* required for COMT Certification, but offer an excellent opportunity to enhance your manual therapy skills/techniques. MAPS electives may be also used for continuing education credits for the MAPS COMT Re-certification program. Most elective courses have no prerequisites except MT-R and MT-UC (see details below).

### MT-R: MAPS REVIEW

**21 DIRECT HOURS/3 DAYS/CEUs=2.5/Tuition: $625**

*Highly recommended for COMT Certification candidates — the Certification Exam pass-rate is 98% for MT-R participants vs. 78% for those who have not taken MT-R.*

**COURSE DESCRIPTION:**
Reviews the essential principles, concepts & major specific techniques from MT-1, MT-2, MT-3, MT-ST, MT-O and MT-4. Emphasizes clinical reasoning, accurate assessment, diagnosis and practice of assessment techniques for the Cervical, Thoracic, Lumbar spine and Upper and Lower Limbs. Assessment and treatment principles addressed in lab sessions, live patient demonstrations (when available) and mock OSCE (practical) exams. 90% Lab

**COURSE PREREQUISITES:** MT-1, MT-2, MT-3, MT-ST, MT-O and MT-4.

**COURSE OBJECTIVES:**
Refinement of the competencies listed in the prerequisite courses. Please refer to individual course manuals for the courses listed above for more specifics.

### MT-M: Spinal and Peripheral Manipulation

**21 DIRECT HOURS/3 DAYS/CEUs=3.0/Tuition: $625**

**COURSE DESCRIPTION:**
*Thrust Manipulation*[^1] for the Cervical, Thoracic and Lumbar spine and select large peripheral joints. Numerous philosophies of manipulation are discussed. Three approaches to manipulation will be practiced, namely those of Geoff Maitland, James Cyriax and UK Osteopathic. The similarities and differences of the three approaches will be taught and practiced in extensive lab sessions. Emphasis on safety in manipulation will be stressed, including indications, contraindications, precautions and the VBI protocol to ensure maximum safety. Course is composed of 85% Lab and 15% Lecture. There is a strong emphasis on the principals of assessment and treatment.

**COURSE OBJECTIVES:**
At the conclusion of course participants should be able to:
- Understand the language and concepts associated with spinal and peripheral thrust and non-thrust manipulation.
- Accurately differentiate between the methods of thrust manipulation taught by the Maitland, Cyriax, and UK Osteopathic Schools of thrust and non-thrust manipulation.
- Understand and demonstrate special clinical tests that are used to diagnose upper cervical ligamentous laxity. Accurately demonstrate at least one example
- Discuss and utilize the clinical reasoning process and special clinical tests that are designed to elicit signs of Vertebro-Basilar blood flow insufficiency, including the IFOMPT CAD Framework. Accurately demonstrate at least one special clinical test.
- Recognize and assess conditions that respond to thrust manipulation. Demonstrate at least one example
- Understand the most compelling examination findings and prognostic factors used in thrust manipulation. Discuss at least one.
- Develop and refine skills in the application of thrust and non-thrust manipulation techniques. Demonstrate at least one spinal technique, and at least one peripheral technique.
- Demonstrate integration of the patient response method used in the Maitland Australian Physiotherapy approach.
- Discuss recent evidence based research related to the use of thrust and non-thrust manipulation in the management of peripheral and spinal conditions.

[^1]: *Where legally permitted.*
MT-UC: UPPER CERVICAL: HEADACHES, DIZZINESS, BPPV, & TMD
21 DIRECT HOURS/3 DAYS/CEUs=2.9/TUITION: $625

COURSE DESCRIPTION:
This 3-day course will provide the clinician (PT, MD or DO) with the skills needed to recognize, evaluate and treat common clinical conditions of the upper cervical spine and related upper cervical dysfunction including: cervicogenic headaches and dizziness, concussions, Benign Paroxysmal Positional Vertigo (or BPPV), and Temporo-mandibular joint disorders (TMD). The assessment and treatment approach will utilize thorough clinical assessment and clinical decision making, including IFOMPT’s Cervical Arterial Dysfunction screening framework. Current literature will be presented and discussed. Required home-study component of 7.8 hours. 75% Hands-On Laboratory.

COURSE PREREQUISITES:
MT-2. MAPS recommends practicing the skills learned in MT-2 for four (4) to six (6) months prior to attending the MT-UC course.

COURSE OBJECTIVES:
At the conclusion of this course the participant will be able to:
• Understand the underlying anatomy, physiology and common clinical presentation of each of the specific conditions.
• Discuss the relevant research pertaining to the management of each condition.
• Perform an accurate clinical assessment for each condition.
• Perform localized graded treatment for each condition.
• Evaluate the effect of treatment upon each condition.
• Prescribe relevant home exercise programs for each condition.

MT-SIJ: SACROILIAC JOINT AND PELVIS
15 DIRECT HOURS/2 DAYS/CEUs=1.9/TUITION: $525

COURSE DESCRIPTION:
This 2-day course is an introduction to Evidence-Based assessment and treatment of the SIJ and Pelvis to improve diagnostic and treatment outcomes using current “best evidence” from peer-reviewed published journals. Differential assessment of the Lumbar Spine, Hip, SIJ and Pelvis are taught and practiced. The contribution of form and force closure, biomechanics, pubic symphysis and gross movement of the SIJ are discussed. Best pelvic dysfunction tests are taught and practiced. An extensive reference list is provided. 85% Lab/15% Lecture.

COURSE OBJECTIVES:
At the conclusion of this course the participant will be able to:
• Discuss and analyze the biomechanics and gross movement of the sacroiliac joint.
• Discuss and analyze the biomechanics of the pubic symphysis.
• Recognize at least three anatomical contributors to form and force closure of the pelvis.
• Identify and discuss the relationship between lumbar and pelvic stabilization processes.
• Outline an evidence-based examination process and be able to discuss and/or perform one.
• Identify and demonstrate at least two treatment methods that restore normal sacroiliac and joint pelvis dysfunction.
• Compare and contrast at least two selected special tests designed to identify pelvis dysfunction.
• Recognize and apply at least one muscle energy technique to realign the pelvis.
• Using evidence, apply at least one stabilization technique that targets the appropriate musculature.
• Recognize and apply at least two special SIJ/pelvis tests with good diagnostic value.
MT-G: GERIATRIC MANUAL THERAPY
15 DIRECT HOURS/2 DAYS/CEUs=2.4/TUITION: $525

COURSE DESCRIPTION:
This 2-day, 75% hands-on workshop explains the evidence-based role of manual therapy in the disease-specific management of the geriatric population. The course is taught by Senior Faculty instructors and addresses manual therapy intervention for Osteoporosis, Joint Replacements, Arthritis, and Degenerative Disc Dysfunction, and other specific diagnoses based upon the evidence-based best practices available. An extensive, interactive CD-Rom is included as well as a comprehensive take-home examination.

COURSE OBJECTIVES:
At the conclusion of this course the participant will be able to:
• Understand the appropriate mechanisms of injury and pathology in the geriatric population.
• Select the appropriate evidence-based treatment to be implemented in this population.
• Recognize the difference between age-related limitation and pathology.
• Identify the theory, facts and myths regarding manual therapy and this population.

MT-A: CADAVER ANATOMY
21 DIRECT HOURS/3 DAYS/CEUs=2.4/TUITION: $750

COURSE DESCRIPTION:
How long has it been since you have had an opportunity to review anatomy on a real cadaver? This hands-on anatomy course allows licensed professionals to explore prosected, intact cadavers to supplement their anatomical knowledge. Designed for professionals who wish to correlate their clinical experience with the in-situ anatomy. The cadavers are pre-dissected to allow for maximum learning during the course. Particular emphasis is given to manual therapy and how it relates to the actual anatomy. Cadaver material is compared to textbook information, skeletons, and the "Primal" Anatomy interactive CD series. Major peripheral joints and spinal regions are covered. Class size is strictly limited due to the nature of this course. Participants must hold a PT, MD, or DO license to attend. Prosected intact cadavers will be available. No actual dissection will be required. Level of "Hands-On" involvement will be at the individual's own discretion.

COURSE OBJECTIVES:
At the conclusion of this course the participant will be able to:
• Review anatomy of the musculoskeletal system in situ in prosected cadavers.
• Examine the effect of manual therapy techniques performed on cadavers.
• Correlate your clinical experience with the actual anatomy.