FALL 2019

EVIDENCE-BASED CLINICAL MANAGEMENT SEMINARS FOR PHYSICAL THERAPISTS

CLINICAL REASONING WITH 70% HANDS-ON LABORATORY

Spinal and Peripheral Joint Mobilization
Thrust & Non-Thrust Manipulation
Neurodynamics & Traction
Geriatric Manual Therapy
Stabilization Training
Clinical Reasoning/Decision Making
Upper Cervical Dysfunction
Sacroiliac Joint

CEU Pre-Approvals in all States in which Courses are Offered

Highly Qualified Instructors:
- 18 FAAOMPTs
- 20 OCS/SCSs
- 6 Advanced Degrees
- 18 PhDs/DPTs

“A+” Approval Rating from last 44,788 Course Participants

COMT CERTIFICATION

ORTHOPEDIC MANUAL THERAPY FELLOWSHIP PROGRAM

www.ozpt.com 1-800-828-0738
## FALL 2019 COURSES

REGISTER ONLINE @ OZPT.COM or CALL 1-800-828-0738

All courses open to PTs, DCs, MDs, and DOs

All courses follow the standard 3-day course schedule unless otherwise indicated.

### MT-1: ESSENTIAL PERIPHERAL SEMINAR
- Also open to PTAs / 2-Day Hybrid
- Clearwater, FL: Aug 24-25
- St. Louis, MO: Aug 24-25
- Boca Raton, FL: Sep 14-15
- Los Angeles, CA: Sep 14-15
- Nashville, TN: Sep 14-15
- Washington, DC: Sep 14-15
- Chestnut Hill, MA: Sep 21-22
- Indian Land/Charlotte, NC: Sep 28-29
- Portland, OR: Sep 28-29
- Chicago, IL: Oct 19-20
- Hilliard/Columbus, OH: Oct 19-20
- Bethlehem, PA: Oct 19-20
- Denver, CO: Nov 16-18
- New York, NY: Nov 23-24

### MT-ST: STABILIZATION TRAINING & FUNCTIONAL REHABILITATION SEMINAR
- Also open to PTAs and ATs
- Washington, DC: Oct 4-6
- Los Angeles, CA: Nov 1-3

### MT-O: EVIDENCE-BASED ORTHOPEDIC DIAGNOSTIC EVALUATION SEMINAR
- Louisville, KY: Sep 27-29
- Nashville, TN: Oct 4-6
- Chicago, IL: Nov 1-3
- Worcester, MA: Nov 22-24

### MT-UC: UPPER CERVICAL SEMINAR
- White Plains, NY: Sep 13-15
- Nashville, TN: Nov 1-3

### MT-MC: MASTER CLASS
- 2-Day Course
- Havertown, PA: Oct 5-6

### MT-2: ESSENTIAL SPINAL SEMINAR
- Also open to PTAs / 2-Day Hybrid
- Savannah, GA: Aug 24-25
- Chicago, IL: Sep 7-8
- East Norriton, PA: Sep 14-15
- New York, NY: Sep 14-15
- Pittsburgh, PA: Sep 14-15
- Wesley Chapel, FL: Sep 21-22
- Albuquerque, NM: Sep 28-29
- Carmel/Indianapolis, IN: Oct 5-6
- San Clemente, CA: Oct 19-20
- Suffolk, VA: Oct 26-27
- St. Louis, MO: Nov 2-3
- Washington, DC: Nov 23-24

### MT-M: SPINAL & PERIPHERAL MANIPULATION SEMINAR
- Havertown, PA: Sep 20-22
- Chicago, IL: Oct 4-6

### MT-MC: MASTER CLASS
- 2-Day Course
- Havertown, PA: Oct 5-6

### MT-3: INTERMEDIATE SPINAL SEMINAR
- Nashville, TN: Aug 23-25
- Livingston, NJ: Sep 20-22
- Clearwater, FL: Oct 4-6
- Braintree/Boston, MA: Oct 25-27
- Charlotte, NC: Nov 1-3
- Fairfax, MA: Nov 15-17
- Akron, OH: Nov 22-24
- Chicago, IL: Nov 22-24
- Nashville, TN: Nov 22-24
- Suffolk, VA: Dec 6-8

### MT-4: DIFFERENTIAL ASSESSMENT & CLINICAL REASONING SEMINAR
- Havertown, PA: Nov 1-3

### MT-ST: STABILIZATION TRAINING & FUNCTIONAL REHABILITATION SEMINAR
- Also open to PTAs and ATs
- Washington, DC: Oct 4-6
- Los Angeles, CA: Nov 1-3

### MT-UC: UPPER CERVICAL SEMINAR
- White Plains, NY: Sep 13-15
- Nashville, TN: Nov 1-3

### MT-SIJ: SACROILIAC JOINT & PELVIS SEMINAR
- Also open to PTAs / 2-Day Course
- Brooklyn, NY: Oct 5-6
- Denver, CO: Oct 19-20

### MT-G: GERIATRIC MANUAL THERAPY SEMINAR
- Also open to PTAs / 2-Day Course
- Riverhead, NY: Sep 28-29

### COMT CERTIFICATION EXAMINATION
- Washington, DC: Sep 6-8
- Atlanta, GA: Nov 1-3
- Reading, PA: Mar 6-8, 2020

### 3-DAY COURSE SCHEDULE:
- Standard:
  - DAY 1: 12:30pm Registration, Course: 1:00pm-8:00pm;
  - DAY 2: 8:00am-6:00pm;
  - DAY 3: 8:00am-2:00pm
  - *PM+ Start: DAY 1: Registration after 12:30pm.

### 2-DAY HYBRID SCHEDULE:
- DAY 1: 7:30am Registration, Course 8:00am-6:30pm;
- DAY 2: 8:00am-4:45pm (30 minute lunch)

### 2-DAY COURSE SCHEDULE:
- DAY 1: 8:00am Registration, Course 8:30am-6:00pm;
- DAY 2: 8:00am-4:00pm (30 minute lunch)

*Exact course schedule may vary. Always check details in the course confirmation letter.*
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, FAAOMPT. 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 720 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.

ORTHOPEDIC MANUAL THERAPY FELLOWSHIP

EARN INTERNATIONAL RECOGNITION

MAPS Fellowship has received full accreditation of its Orthopedic Manual Therapy Fellowship Program as a post-professional program for physical therapists from the APTA through the American Board of Physical Therapy Residency and Fellowship Education (ABPTRFE) effective March 31, 2017. Graduates will be fully credentialed as a 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. Application deadlines: February 1st for spring enrollment, July 15th for fall enrollment.
COURSE ESSENTIALS

MAPS courses are designed primarily for medical professionals\(^{(2)}\), including PTs, DCs, MDs, and DOs, 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

FEE 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 PTs, DCs, Physicians & DOs. MT-1, MT-2, & MT-G is also open to PTAs and MT-ST and MT-SIJ are open to PTAs and Certified Athletic Trainers. Experience with orthopedics or manual therapy is not required for any courses without prerequisites. Lab clothes are required for all course participants for laboratory sessions. Most courses also include a required Home Study component.

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

FOR SUCCESSFUL COMPLETION:
A 70% overall competency is required for successful completion of course. Full CEUs require 100% direct contact attendance and completion of all Home Study assignments.

(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.
Our Faculty are respected leaders in the industry, passionate educators and clinicians with over 720 combined years of clinical experience. Many have published original research and peer-reviewed articles (513+ to date) in well-respected journals (e.g., “JOSPT”, “Manual Therapy”, etc.), and are authors or major contributors to 16 physical therapy textbooks. Several have reviewed manuscripts (25+) for peer-reviewed journals. Faculty includes 18 FAAOMPTs, 20 OCS/SCSs, 6 Advanced Manipulation degrees, and 18 DPT/DSc/PhD. Visit www.ozpt.com for additional information on each instructor.

- **NORMAN AYOTTE, PT, MPT, DScpt, Cert. MDT, OCS, FAAOMPT**: B.S. Biology (’94), Western Oregon Univ.; MSPT (’99) Baylor Univ.; DSc (’08) Baylor Univ., Waco, TX.
- **MARBREY BURNETTE, PT, MSPT, OCS, COMT**: B.S. in PT (’00), M.S.P.T. (’01) University of North Florida.
- **WING CHAN, PTA, MSPT, COMT**: A.Apl. Sci. P.T.A. (’01) Newbury College, Brookline, MA, B.S. Human Movement Studies (’01) Hunter College, New York, NY; M.S.P.T. (’01) College of Staten Island of the City Univ. of New York, Staten Island, NY.
- **C.J. CONWAY, PT, GDMT, MMPAA, COMT**: GDMT University of So. Australia Adelaide (’79). Studied directly under Geoff Maitland.
- **CHARLES DISANTO, PT, 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**: B.S. Physiotherapy (’92), M.S. Manipulative Physiotherapy (’96) Curtin University, Perth.
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- **ROBERT FLUEGEL, PT, COMT**: B.S. Hogeschols Enschede, The Netherlands (’98).
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- **CARLA FRANCK, PT, DPT, OCS, COMT, FAAOMPT**: B.A. Art and Science, Coe College, Cedar Rapids, IA (’07), D.P.T University of Iowa, Iowa City, IA (’09).
- **CHRIS GREETHAM, PT, MCSP, COMT**: B.S. P.T. (’83) Bath University (U.K.) & advanced training under Dr. James Cyriax (London).
- **MICHAEL GRAY, DPT, COMT, FAAOMPT**: B.S. Exercise and Sport Science (’94), M.S. Exercise and Sport Science (’96) Oregon State University, Corvallis, OR, M.S.P.T. (’00) Marymount University, Arlington, VA, D.P.T University of Montana, Missoula, MT.
- **KATE HOPPENSTEADT, PT, MSPT, MMP, COMT, FAAOMPT**: B.S. Allied Health, University of North Carolina - Charlotte (’96), M.S.P.T. West Carolina University, (’99), M.S. Manip. Physiotherapy, University of Australia-Sydney (’02).
- **STEVE HOUGHTON, PT, OCS, COMT, FAAOMPT**: B.S. Biology, Michigan State (’80), B.S.P.T. Wayne State University, Detroit, MI (’82).
- **DHINU JAYASEELAN, DPT, OCS, FAAOMPT**: BS Exercise Science, James Madison University, Harrisonburg, VA (’07), DPT The George Washington University, Washington, DC (’10).
- **CLARE M. JONES, PT, OCS, COMT, CFMT, FAAOMPT**: B.S. Physiotherapy LaTrobe Univ. (’91), Melbourne, Australia.
- **VINCENT J. KABBZ, PT, MMPT, COMT, FAAOMPT**: B.App. S. Physiotherapy (’94), University of So. Australia, Adelaide, M.S. Manipulative Physiotherapy (’00).
- **KENNETH LEARMAN, PhD, PT, OCS, COMT, FAAOMPT**: B.S. P.T., SUNY-Buffalo (’89), Univ. of Pittsburgh, M. Educ. Health, Penn State (’92), PhD Sports Medicine (’07).
- **JODY MUSICK, PT, DPT, OCS, COMT, FAAOMPT**: B.S. Biology/Health Science (Magna Cum Laude) (’96), Shenandoah University, Winchester, VA, MPT (’00), DPT (’05).
- **STEPHEN NESTOR, DPT, COMT**: B.S. P.T. (’96), Northeastern University, DPT (’06), MGH Institute of Health Professions, Boston, MA.
- **BRYAN J. O’HALLORAN, DPT, OCS, SCS, COMT, FAAOMPT**: DPT (’12), Mass Gen. Hosp-Institute of Health Professions, Boston, MA, B.S. Physiotherapy (’88) Lincoln Institute-LaTrobe University, Melbourne, Australia.
- **MICHAEL O’HEARN, PT, MHS, OCS, FAAOMPT**: B.Sc. University of NSW, Australia (’81), Grad Diploma Physio (Sydney ’82), MHS, University of Indianapolis (’99).
- **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 University (’13).
- **DAVID SAHLEY, DPT, OCS, COMT**: B.S. Sports Medicine (’95), Radford University, Radford, VA, MSPT (’00); DPT (’06) Marymount University, Arlington, VA.
- **CHRISTOPHER SHOWALTER, PT, DPT, OCS, COMT, FAAOMPT**: B.S. Anatomy (’84), B.S. Physiotherapy (’88) Lincoln Institute-LaTrobe Univ., Melbourne, Australia. Clinical affiliations directly under G. Maitland.
- **TRAVIS H. STONER, PT, DPT, COMT**: DPT (’05), B.S. Kinesiology (’02), Shenandoah University, Winchester, VA.
- **CORNE VAN ECK, DPT, OCS, COMT, FAAOMPT**: B.A. Int’l Relations (’92), B.S. Physiotherapy (’96) Univ. of Pretoria, So. Africa, DPT (’06), 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, Saskatchewan, Canada.
- **KAREN Wu, PT, DPT, OCS, COMT**: B.S. Biology (’95), University of California at Riverside, Riverside, CA, M.S.P.T. (’00), Columbia University, New York, NY

**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*.
**Core Curriculum & CEUs**

**MAPS Core Curriculum includes MT-1, MT-2, MT-3, MT-4, MT-ST and MT-O.** (MT-ST and MT-O can be taken at any time in the Orthopedic Manual Therapy Certification (COMT) sequence). Detailed below are complete Course Descriptions for courses currently offered by MAPS as well as Course Objectives. Complete Course Essentials are listed on page 4 of this brochure. All MAPS courses are open to PTs, DCs, MDs and DOs. MAPS also offers five courses (MT-1, MT-2, MT-G, MT-ST and MT-SIJ), which are also open to Physical Therapy Assistants (PTAs), and two courses (MT-ST and MT-SIJ) which are open to Athletic Trainers (ATs).

**CEUs preauthorized through ProCert (FSBPT) and/or in the state in which the course is actually held.** CEU hours awarded may vary slightly from those published by MAPS, due to individual rules/regulations in each state. MAPS CEUs reflect direct contact and any required home-study hours in compliance with the Federation of State Boards of Physical Therapy (FSBPT) standards. Full Continuing Education Unit (CEU) credit **REQUIRES COMPLETION** of any required home-study and on-site attendance for 100% of the direct contact hours. MAPS is a preapproved Physical Therapy Continuing Education provider in New York and any other state we offer courses in which pre-approval is required. MAPS courses require a minimum overall competency of 70%.

**Certificates of Completion.** Official Certificates of Completion, suitable for framing, are awarded to each participant upon successful completion of each course. Duplicate CEU Certificates of Completion are provided upon request, and require a $15 fee per certificate.
COURSE DESCRIPTION:
Introduction to Maitland-Australian orthopedic manual therapy, focusing on effective assessment and treatment of the Upper and Lower Limbs, including peer-reviewed supporting evidence. Hybrid live and online learning course with 90% laboratory in the two-day Live component. Highly specific subjective & objective physical examination techniques are taught. Treatment methods are practiced extensively in lab sessions with directly supervised Instructor feedback, to ensure skill acquisition including: Shoulder (Gleno/Humeral, Scapulo/Thoracic, and Clavicular articulations), Elbow, Wrist, Hand, Hip, Knee, and the Ankle-Foot complex. Required online coursework of approximately 15.0 hours includes a 4.3 hour Lecture/PowerPoint presentation. A more detailed description is available on the MAPS website at www.ozpt.com.

COURSE OBJECTIVES:
Upon completion of the course the participant will be able to:

1. Accurately differentiate between normal and abnormal resistance to passive peripheral movement using accessory & physiological examination techniques. Demonstrate at least one example. **PTAs are limited to using physiological movement examination techniques only, and may not use accessory techniques.**

2. Discriminate between four different grades of passive movement to manage peripheral pathology (Grades I, II, III, and IV as per Maitland). **PTAs may observe all four grades, but are prohibited from performing Grades III and IV.**

3. Accurately apply at least two examples of Maitland’s four grades of passive movement to a participant-selected peripheral region. **PTAs are limited to Grades I & II.**

4. Summarize Maitland’s clinical reasoning model, including eight clinical hypothesis categories per M. Jones and D. Rivett.

5. Apply evidence-based clinical reasoning in the orthopedic manual therapy management of a patient with peripheral pathology. Learner will demonstrate at least once.

6. Synthesize principles of treating pain and stiffness as per Maitland and other manual P.T.s. Participant will orally defend at least one example.

7. Accurately defend the most effective orthopedic manual therapy management of a patient with a peripheral disorder based upon clinical assessment and clinical reasoning, rather than theoretical protocols. Learner will demonstrate at least once.

8. Integrate clinical reasoning skills to recognize movement anomalies in one selected common peripheral orthopedic condition.

9. Integrate evaluation skills in differential assessment and diagnosis of one selected common peripheral orthopedic condition. **Objective applies to PTs, DCs, MDs and DOs only.**

10. Demonstrate the ability to quickly and effectively manage peripheral orthopedic conditions using at least one known manual therapy technique.

11. Accurately defend at least one modified or newly created effective manual therapy technique for the management of peripheral orthopedic conditions. Participant will demonstrate their modified or newly

Please refer to MT-1 COURSE COMPETENCIES for proficiency participants should be aiming to accomplish after diligent practice of skills learned in MT-1. Proficiency in the Course Competencies are required for both the MAPS COMT and Orthopedic Manual Therapy Fellowship.

*Note:* MT-1 courses using the California Physical Therapy Association approval will have a student/faculty ratio no higher than 16:1.
COURSE DESCRIPTION:
May be taken as first course in the series. Introduction to the Maitland-Australian concept of assessment and treatment for the Spine, including peer-reviewed supporting evidence. Hybrid live and online learning course with 90% laboratory in the two-day Live component. Emphasis is on the Cervical, Thoracic (including rib articulations) and Lumbar spine. Neurodynamic assessments are introduced for the upper and lower limbs. Principles of assessment/treatment are addressed in supervised lab sessions with live patient demonstrations. Highly specific subjective & objective physical examination techniques are taught. Treatment methods are practiced extensively in lab sessions with direct Instructor feedback to ensure skill acquisition. Techniques of assessment and treatment include physiological and accessory movements, which are directed very specifically to individual spinal segments. Required online coursework of approximately 16.0 hours includes a 4.5 hour Lecture/P PowerPoint presentation. A more detailed description is available on the MAPS website at www.ozpt.com.

COURSE OBJECTIVES:
Upon completion of the course the participant will be able to:

1. Accurately differentiate between normal and abnormal resistance to passive spinal movement using accessory & physiological examination techniques. Demonstrate at least one example. PTAs are limited to using physiological movement examination techniques only, and may not use accessory techniques.
2. Discriminate between five different grades of passive movement to manage spinal pathology (Grades I, II, III, IV, and V as per Maitland). PTAs may observe all five grades, but are prohibited from performing Grades III, IV and V.
3. Accurately apply at least two examples of Maitland’s five grades of passive movement to a participant-selected spinal region. PTAs are limited to Grades I & II.
4. Summarize Maitland’s clinical reasoning model, including eight clinical hypothesis categories per M. Jones and D. Rivett.
5. Apply evidence-based clinical reasoning in the orthopedic manual therapy management of a patient with spinal pathology. Learner will demonstrate at least once.
6. Synthesize principles of treating pain and stiffness as per Maitland and other manual P.T.s. Participant will orally defend at least one example.
7. Accurately defend the most effective orthopedic manual therapy management of a patient with a spinal disorder based upon clinical assessment and clinical reasoning, rather than theoretical protocols. Learner will demonstrate at least once.
8. Integrate clinical reasoning skills to recognize movement anomalies in one selected common spinal orthopedic condition.
9. Integrate evaluation skills in differential assessment and diagnosis of one selected common spinal orthopedic condition. Objective applies to PTs, DCs, MDs and DOs only.
10. Demonstrate the ability to quickly and effectively manage spinal orthopedic conditions using at least one known manual therapy technique.
11. Accurately defend at least one modified or newly created effective manual therapy technique for the management of spinal orthopedic conditions. Participant

Please refer to MT-2 COURSE COMPETENCIES for proficiency participants should be aiming to accomplish after diligent practice of skills learned in MT-2. Proficiency in the Course Competencies are required for both the MAPS COMT and Orthopedic Manual Therapy Fellowship.

Note: MT-2 courses using the California Physical Therapy Association approval will have a student/faculty ratio no higher than 16:1.
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. Includes required Home Study course component of approximately 10.5 hours.

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

COURSE OBJECTIVES:
Course participants upon completion will be able to:
• Accurately differentiate between normal and abnormal resistance to passive spinal movement using accessory & physiological examination/treatment techniques. Demonstrate at least one example.
• Integrate the course materials to select, properly apply, and defend selection of different grades of passive movement to spinal regions. Demonstrate at least 1 Thrust and 1 Non-thrust intervention.
• Understand, discuss and accurately demonstrate Cervical Arterial Dysfunction (CAD) assessment prior to Cervical Thrust Manipulation.
• 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 neurodynamic assessment and intervention. Demonstrate at least 1 example.
• Formulate, select and defend the most effective treatment & examination techniques for the spinal patient based upon clinical assessment and clinical reasoning, rather than theoretical protocols. Learner will be able to demonstrate at least once.
• Develop and refine skills in the utilization of movement diagrams. Demonstrate at least one example.
• Develop, refine and accurately demonstrate the ability to quickly and effectively treat orthopedic spinal conditions using at least one known manual therapy technique. Demonstrate at least one example.
• Develop, refine, demonstrate and accurately defend at least one modified or newly created effective manual therapy technique for the treatment of orthopedic conditions. Demonstrate at least one example.
• Understand, discuss and explain the principles of spinal traction.

Where legally permitted.
MT-4: DIFFERENTIAL ASSESSMENT & CLINICAL REASONING
20.7 DIRECT CONTACT HOURS / 3 DAYS; 3.0 CEUs / FEE: $695

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 9.3 hours.

COURSE PREREQUISITES:
Open to PTs and MDs who have completed MT-1, MT-2, MT-3. Six (6) 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 PTs.
• 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.

MT-O: EVIDENCE-BASED ORTHOPEDIC DIAGNOSTIC EVALUATION
20.7 DIRECT CONTACT HOURS / 3 DAYS; 2.6 CEUs / FEE: $650

COURSE DESCRIPTION:
This course incorporates effective orthopedic assessment, with accurate Evidence-Based Medicine, differential diagnosis, screening and special tests by region and diagnosis. Hands-on laboratory focuses on effective orthopedic assessment. Differential diagnosis is approached for both regional and tissue specific screening. Screening covers making a “spot” diagnosis as necessary, and performing effective and comprehensive Upper and Lower Quarter screening as well as for Neurological, Myelopathic, and Visceral pathologies. Principles of assessment are stressed and practiced with direct supervised instructor feedback. Course material is based upon peer-reviewed published evidence, supported by appropriate statistical relevance. Special tests of high diagnostic accuracy are discussed and practiced for each region of the body and for specific diagnoses. Extensive discussion of case studies support the information presented. May be taken at any time as a stand alone course. Includes required Home Study course component of approximately 5.5 hours.

COURSE OBJECTIVES:
Course participants upon completion will be able to:
• Understand the language and concepts associated with diagnostic accuracy statistics.
• Assess and perform a spot diagnosis for recognition of selected diagnoses of concern.
• Assess and perform an upper and lower quarter screen using specific EBM tests.
• Review and perform EBM special clinical tests with high diagnostic accuracy for various targeted regions and diagnoses.
• Effective screening for myelopathic, neurological, and visceral pathology.
• Outline & understand the most compelling EBM prognostic factors used in manual orthopedic rehabilitation.
• Select the best outcome measures for appropriate recording of patient care.
• Analyze and understand the patient response method used in the Maitland Australian approach.

Note: MT-O courses using the California Physical Therapy Association approval will have a student/faculty ratio no higher than 16:1.
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-4, MT-ST and MT-O. 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 915 COMTs through July 1, 2019.

COMT PREREQUISITES:
Upon application open to PTs, DCs, MDs, and DOs who have completed MT-1, MT-2, MT-3, MT-4, MT-ST and MT-O (MT-ST and MT-O can be taken any time in the sequence). 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 RECERTIFICATION:
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
20.7 Direct Contact Hours / 3 Days; 2.5 CEUs / Fee: $675

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-4, MT-ST and MT-O. 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. Includes required Home Study course component of approximately 4.7 hours.

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

COURSE OBJECTIVES:
Refinement of the competencies listed in the prerequisite courses (MT-1, MT-2, MT-3, MT-4, MT-ST, & MT-O). Be able to demonstrate and/or discuss one competency from each course. Understands the overall concepts of the Maitland-Australian approach. Acceptable proficiency in application of psychomotor skills based upon the Maitland-Australian approach. Understands the components required in the COMT Exam and what constitutes required proficiency.
MT-UC: UPPER CERVICAL DYSFUNCTION
20.7 DIRECT CONTACT HOURS / 3 DAYS; 2.9 CEUs / FEE: $675

COURSE DESCRIPTION:
This 3-day course will provide the clinician (PT, DC, 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. 75% Hands-On Laboratory. Includes required Home Study course component of approximately 8.7 hours.

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
15.3 DIRECT CONTACT HOURS / 2 DAYS; 2.0 CEUs/18.0 CCUs / FEE: $595

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. Includes required Home Study course component of approximately 4.5 hours. MT-SIJ has been approved by the FSBPT through ProCert for 18.0 CCUs.*

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.

Also open to PTAs and ATs
COURSE DESCRIPTION:

**THRUST MANIPULATION**\(^{(4)}\) 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. Includes required Home Study course component of approximately 12.2 hours.

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.

\(^{(4)}\)Where legally permitted.

Note: MT-M courses using the California Physical Therapy Association approval will have a student/faculty ratio no higher than 16:1.

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**MT-G: GERIATRIC MANUAL THERAPY**

15.3 DIRECT CONTACT HOURS / 2 DAYS; 2.4 CEUs / FEE: $595

*Also open to PTAs*

COURSE DESCRIPTION:

This 2-day, 75% hands-on seminar 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. Includes extensive required Home Study course component of approximately 8.4 hours providing a more comprehensive understanding of Geriatric issues in manual therapy.

COURSE OBJECTIVES:

At the conclusion of this course the participant will be able to:

- Accurately differentiate between normal and abnormal resistance to passive movements using evidence based accessory & physiological examination techniques appropriate for the geriatric population. Demonstrate at least one example.
- Integrate the course materials to select, properly apply, and defend selection of four different grades of passive movement appropriate for geriatric patients. Demonstrate at least one example.
- Understand, discuss, and explain the differences between normal age related movement changes in the geriatric population, compared to pathological conditions. Discuss at least one example.
- Synthesize and accurately apply and defend principles of treating pain and stiffness in geriatric patients as per Maitland and other manual Physical Therapists. Demonstrate at least one example.
MT-MC: MASTERC Class
21.0 Direct Contact Hours / 3 Days; 2.1 CEUs / Fee: $725

COURSE SCHEDULE AND FORMAT:
SAT: 7:30AM Registration, Course Hours: 8:00am-6:30pm
SUN: 8:00am-5:00pm
90+% laboratory

COURSE DESCRIPTION:
The 2-day MAPS MasterClass seminar is designed for PTs, DCs, MDs, and DOs ONLY (No PTAs, ATCS) with a strong foundation in the Maitland-Australian approach to the management of neuromusculoskeletal spinal and peripheral conditions who have already completed MT-1, MT-2 and MT-3 or PTs who are current FAAOMPTs. Teaching Faculty are MAPS most senior and experienced clinicians. The seminar is designed to refine and enhance the assessment, thought process, clinical reasoning, and psychomotor skills associated with the Maitland-Australian Approach.

The seminar is a mixture of lecture/discussion (15%), skills lab (50%), live patient/mock patient/clinical scenario interactive discussion (35%). Participants will receive 1:1 individual calibration of spinal and peripheral variations in palpation of resistance (R1, R2) and 1:1 feedback on the participants ability to accurately preform and modify Grades I, II, III, IV & V.

Masterclass can be used for COMT re-certification credit.

COURSE PREREQUISITES:
MT-1, MT-2, MT-3, or FAAOMPT (any discipline)

COURSE OBJECTIVES:
At the conclusion of this course the participant will be able to:

• Following specific instruction and individual calibration provided by the Instructor/(s), demonstrate accurate R1 and R2 aspects of resistance. Will be able to demonstrate at least one spinal and one peripheral example.

• Following specific instruction and individual calibration provided by the Instructor/(s), demonstrate accurate Grade I, II, III, and IV passive movements using accessory & physiological examination/treatment techniques. Will be able to demonstrate at least one spinal and one peripheral example.

• Integrate the course materials to select, properly apply, and defend a selection of modifications to grades of passive movement to spinal and peripheral regions. Modifications include: rhythm, speed, “broken rhythm”, and stationary holds. Will be able to demonstrate at least one example.

• Integrate the course materials to select, properly apply, and defend a selection of modifications to grades of passive movement to spinal and peripheral regions. Modifications include: compression, distraction, medial, lateral, caudal and cranial glides variations to the foundational passive techniques. Will be able to demonstrate at least one example.

• Integrate the course materials to select, properly apply, and defend a variety of relocation procedures used in the management of common joint dislocations. Demonstrate at least one example.

• Through the use of Live Patients and/or detailed theoretical case scenarios gain greater insight into the processes of the Subjective and Objective examinations. Actively participate in subjective questioning of a “live” patient. Recommend appropriate treatment and reassessment. Evaluate the effect of select interventions. Demonstrate competency by completion of “Overnight Sheets”.


Interested in becoming an AAOMPT Fellow?

The MAPS Orthopedic Manual Therapy Fellowship may be for you!
The RF-PTCAS Application is now open for Fall Enrollment.
Deadline is July 15, 2019.

For more information visit the MAPS OMT Fellowship webpage:
www.ozpt.com/fellowship.php