



UEMS Council 2015

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European Training Requirements for additional competence Manual Medicine

presented by

Multidisciplinary Joint Committee Manual Medicine

President

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in cooperation with

European Scientific Society of Manual Medicine
(ESSOMM)



WHO?

Physician, in a training program for an **EU specialty** or have accomplished a specialty training of a recognized EU medical specialty.



What specialties?

Orthopaedics and Traumatology

Neurology

Otorhinolaryngology

Oro-maxillofacial surgery

Rheumatology

Physical and Rehabilitation Medicine

Internal Medicine

Anaesthesiology

Paediatrics

Occupational Medicine

et al.



Which diseases?

- **Non-specific acute and chronic low back pain**, including dysfunction of the lumbar spine and pelvic girdle
- **Chronic pain disease** with vertebral components based on dysfunction
- Acute and chronic **disorders and degenerative disease** of the cervical spine
- Cervicogenic **headache**, cervicogenic **dizziness**, cervicogenic **tinnitus**
- Dysfunctional **thoracic spine disorders**, including autonomous reactions of heart, lung and abdominal viscera
- Painful **posttraumatic and degenerative disorders** of peripheral joints with dysfunctional components



What Skills in Theory?

Anatomy and biology of the different components of the locomotor system

Biomechanics of the locomotor system including nerves, fascia and soft tissues

Physiology and pathophysiology of the different components of the locomotor system and their interactions (i.e. with viscera, autonomous nervous system etc.)

Neurophysiology and biology of pain mechanisms and the biopsychosocial implications



What Skills in Clinical Practice?

Conventional as well as specific history taking and clinical examination of the patient

Palpatory manual and functional examination of the different components of the locomotor system, including segmental irritation examination and pain provocations

Recording of the clinical evaluation relevant to specific findings in terms of manual medicine



Further:

Understanding of the differential diagnosis, relevance and interrelationship to Manual Medicine of the following conditions:

General neurological semiology

Neurological disorders, in particular peripheral neuropathies, headache disorders and vestibular/cochlear disorders

Orthopaedic disorders

Rheumatologic disorders

Spinal affections

Vascular abnormalities

Paediatric locomotor system disorders

Trauma of the spine

Tumours of the spine and extremities



Required Practical and Clinical Skills:

Performing screening examination to identify problems in the locomotor system that deserves additional evaluation

Performing a **general examination** to identify which regions and tissues within the region are dysfunctional and of relevance at a level appropriate to the treatment skills

Conducting regional **palpatory and functional examinations** of the tissues of the locomotor system to identify dysfunctions

Conducting palpatory **examinations of local tissues** to determine the specific dysfunctions considered for manual treatment and the characteristics important in the selection of the treatment modality including indications and contraindications

Conducting **different palpatory examinations** in order to look at and record elements of segmental irritation, pain provocation, sensory changes, tissue texture changes, examination of range of motion and functional asymmetry, and characteristics of end-feel barrier

Documenting reproducibility and inter-examiner reliability of manual diagnostic



Schedule of Education and Training in MM

300 hours of contact teaching in theory (33%) and practice (67%) of core Manual Medicine training is recommended, representing at least 30 ECTS credit points (European Credit Transfer System).



Core Competencies for Trainers:

1. Familiar with **all aspects of the overall manual medicine curriculum** as it relates to practice within their country
2. Experienced in **teaching and in supporting** learners
3. Skilled in identifying the learning needs of their trainees and in guiding the trainees to **achieve their educational and clinical goals**
4. Able to **recognize trainees** whose professional behaviours are **unsatisfactory** and initiate supportive measures as needed
5. Trained in the principles and **practice of medical education**



Training Institutions:

- **Single institution or in a network of institutions**
- **A hospital or institution that provides academic activity recognized for training in rehabilitation or orthopaedics**
- **Individually recognized as a provider of a defined section of the curriculum.**



Requirements on Equipment:

- **Sufficient equipment to provide the necessary educational opportunities for trainees.**
- **Computing and Information Technology and library resources must be available.**
- **All trainees must engage in clinical audit and have the opportunity to engage in research.**



Proceedings:

The elaboration of the curriculum concerning the special diagnostic and therapeutic techniques for the different parts of the spine and the peripheral joints is in progress by the European Scientific Society of Manual Medicine (ESSOMM), in cooperation with the UEMS MJC MM, and will be presented during one of the next UEMS Council Sessions

Thank you for your attention!