SYNTHETIC FORM FOR A BOARD CERTIFIED TRAINING UNIT

UNIT NAME: Physical & Rehabilitation Medicine & Sports Traumatology, University Hospital of Liege

ADDRESS:

1. Ward: Rue Grandfosse 31-33 – 4130 ESNEUX

2. Outpatient clinics:
   a. Sart Tilman: Avenue de l'Hôpital B35 – 4000 LIEGE, Belgium
   b. CHUOA: Rue Grandfosse 31-33 – 4130 ESNEUX, Belgium
   c. Notre-Dame des Bruyères: Rue de Gaillarmont 600 – 4032 CHENEE, Belgium
   d. Brull: Quai Godefroid Kurth 45 – 4020 LIEGE, Belgium

NAME OF THE UNIT RESPONSIBLE: Professor Jean-François KAUX

TEL: +32 4 366 82 41  FAX: +32 4 366 72 30  EMAIL: jfkaux@chu.ulg.ac.be

3. Main clinical activities of the unit:
   (state the main areas of care depending on clinical workload and interests)

   1. Musculoskeletal medicine
   2. Neurological and locomotor rehabilitation
   3. Electromyography
   4. Sports traumatology
   5. Bone metabolism
   6. Onco rehabilitation
   7. Spine (back school, scoliosis)

4. Specific research interests of the unit:
   (give the key words for each theme)

   - ENMG
   - Spine
   - Tendon - Tendinopathy
   - Muscle
   - Isokinetics
   - Sports
   - Motion analysis
   - Bone metabolism
   - Sarcopenia
   - Epidemiology

5. List five publications from the last five years which most represent the unit’s research program:

11. Please identify if necessary the conditions and means of exchange for trainee specialist (the number permissible, the person to contact, etc.) :

Foreign trainees and/or specialists are welcome to be an observer in the University Hospital of Liege, Physical & Rehabilitation Medicine & Sports Traumatology as long as they are able to understand French because the consultations are made in French and/or English to interact with the trainers. The exchange is possible in the framework of Erasmus Student Exchange Program. The number may be one or two at a time. The person to contact is the Chair of the department.

Authorization to publish over Internet : YES

Signature:

Professor J.F. KAUX
CENTRE NAME: Special Medical Rehabilitation Hospital

ADDRESS: Trg slobode 1, 42223 Varazdinske Toplice, Croatia

NAME OF THE UNIT RESPONSIBLE: Prof Ivan Dzidic, MD, PhD

TEL.: +385 42 630 000 FAX: +385 42 630 225 E-MAIL: ivan.dzidic@vz.t-com.hr

- Main clinical activities of the centre:
  (state the main areas of care depending on clinical workload and interests)

1. Rehabilitation of spinal cord injuries patients
2. Rehabilitation of neurologic patients (stroke, multiple sclerosis)
3. Rehabilitation of polytrauma and patients with arthroplasty

- Specific research interests of the centre:
  (give the key words for each theme)

1. Neurogenic bladder, spinal cord injury
2. Heterotopic ossification, spinal cord injury
3. Functional outcomes, SCIM, spinal cord injury

- List five publications from the last five years which most represent the unit's research programme:


- Please identify if necessary the conditions and means of exchange for trainee specialist (the number permissible, the person to contact, etc.):
  Two-months training period, board and lodging possible.

Authorisation to publish over Internet YES ☑ Signature: NO □

Ivan Dzidic
UNIT NAME:
University Department for Rheumatology, Physical and Rehabilitation Medicine
University Hospital Sisters of Mercy

ADDRESS: Vinogradska 29, HR-10000 Zagreb, Croatia

NAME OF THE UNIT RESPONSIBLE: Professor Simeon Grazio, MD, PhD

TEL.: +38513787248  FAX: +38513787395  E-MAIL: simeon.grazio@kbcsm.hr

- Main clinical activities of the unit:
(state the main areas of care depending on clinical workload and interests)
1. Rehabilitation of rheumatic diseases (in adults)
2. Rehabilitation of various musculoskeletal disorders
3. Rehabilitation medicine of children with psychomotor development disorders
4. Rehabilitation medicine of patients with injuries
5. Rehabilitation medicine of patients with cancer (mainly after treatment of breast cancer )

- Specific research interests of the unit:
(give the key words for each theme)

Pilot and long-term study of the safety and efficacy of neurostimulation of the cholinergic anti-inflammatory pathway using an active implantable vagal nerve stimulation device in patients with rheumatoid arthritis (Key words: neurostimulation, neuroimmunology, parasympathetic nervous system, rheumatoid arthritis).

Evaluation of hand function using a new electronic dynamometer in patients with rheumatoid arthritis. (Key words: rheumatoid arthritis, evaluation, dynamometry)

ASAS Health Index – a new tool for health assessment in patients with spondyloarthritis conceptualized in the International Classification of Functioning, Disability and Health. (Key words: assessment, quality of life, spondyloarthritis, ICF)

Screening and early diagnosis of axial spondyloarthritis. (Key words: diagnosis, early, spondyloarthritis)

Development and validation of a new patient reported outcome (PRO) questionnaire to estimate vitamin D status (D-PRO) and its correlation with quality of life, disease activity and disability in rheumatoid arthritis patients in Europe (Key words: vitamin D, patients, outcome, quality of life, disability, rheumatoid arthritis)

Muscloskeletal features of acromegaly (Key words: acromegaly, musculoskeletal features)

Efficacy of proprioceptive exercise in patients with chronic low-back pain (Key words: proprioceptive, exercise, chronic, low-back pain)

Measuring plantar pressure using pedobarografy in patients with ankylosing spondylitis. (Key words: pedobarografi, plantar pressure, ankylosing spondylitis )

Efficacy of electromagnethotherapy on pain, functional ability and cartilage biomarkers in knee osteoarthritis. (Key words: electromagnethotherapy, efficacy, osteoarthritis)

Comparison of land-based and water-based therapeutic exercise in patients with chronic lowback pain (in collaboration with Special Rehabilitation Hospital “Varaždinske Toplice”). (Key words: therapeutic exercise, land-based, water-based, low-back pain)

Assessment of differences in efficiency of the neurodevelopmental treatment stimulation programs in stationary and outpatient conditions. (Key words: neurodevelopmental stimulation, child at neurorisk, stimulation)
- List five publications from the last five years which most represent the unit's research programme:


- Please identify if necessary the conditions and means of exchange for trainee specialist (the number permissible, the person to contact, etc.):

Due to the restricted space of the facilities we can accept at most two trainees from abroad.

Authorisation to publish over Internet YES _ Signature: Simeon Grazio
CENTRE NAME: Department of Rehabilitation Medicine, The First Faculty of medicine Charles University and General Teaching Hospital Prague

ADDRESS: Albertov 7, Praha 2, 128 00, Czech republic

NAME OF THE UNIT RESPONSIBLE: Department of Rehabilitation Medicine

TEL.: ++420 224968479, 8492 FAX: ++420 224917898 E-MAIL: zita.malkova@lf1.cuni.cz, olga.svestkova@lf1.cuni.cz

- Main clinical activities of the centre:
(state the main areas of care depending on clinical workload and interests)

1. Rehabilitation of patients after TBI and stroke
2. Practical using of ICF
3. Rehabilitation of patients in acute units in General teaching Hospital
4. Daily rehabilitation centre for patients after brain damage, community based rehabilitation

- Specific research interests of the centre:
(give the key words for each theme)

1. Evidence based medicine in rehabilitation
2. Application of ICF
3. Gait analysis
4. Cooperation with biomedical engineering (Technical college in Prague) – virtual reality, 3D videography
5. Cooperation with Department of Physiology, experimental models

- List five publications from the last five years which most represent the centre's research programme:

<table>
<thead>
<tr>
<th>Publikace s IF</th>
</tr>
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<tbody>
<tr>
<td>Lippert-Grüner M., Švestková O., Pfeiffer J./2006/ „Early neurorehabilitation after severe TBI“, Česká a slovenská Neurologie a Neurochirurgie, 69/102, No.4, p.302-307, ISSN 1210-7859</td>
</tr>
</tbody>
</table>
- Please identify if necessary the conditions and means of exchange for trainee specialist (the number permissible, the person to contact, etc.):
  - One person at one time
  - Contact person secretary Ing. Zita Malakova, e mail zita.malakova@lf1.cuni.cz

Authorisation to publish over Internet

<table>
<thead>
<tr>
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</table>

Signature: Olga Švestkova
SYNTHETIC FORM FOR A BOARD CERTIFIED TRAINING CENTRE

CENTRE NAME: 2nd Department of PRM, NATIONAL REHABILITATION CENTER, ATHENS, GREECE

ADDRESS:

NAME OF THE UNIT RESPONSIBLE: Konstantina PETROPOULOU MD, PhD

TEL.: 00302109354111   FAX: 00302109354111   E-MAIL: ninapetr@hotmail.com

- Main clinical activities of the centre:
(state the main areas of care depending on clinical workload and interests)

1. Stroke
2. Traumatic Brain Injury
3. Spinal cord injury
4. Spasticity
5. Neurogenic bladder and bowel
6. Multiple Sclerosis

- Specific research interests of the centre:
(give the key words for each theme)

1. Stroke, Botulinum toxin type A, rehabilitation
2. Spasticity, Baclofen pump implatantion
3. Multiple sclerosis, female, osteoporosis
4. Overactive neurogenic bladder, Spinal cord injury, management
5. Neuropathic Pain in SCI patients
6. Neuroplasticity

- List five publications from the last five years which most represent the centre's research programme:


4. The importance of neurorehabilitation to the outcome of neuromodulation in spasticity. Acta Neurochir Suppl. 2007;97(Pt 1):243-50


•  Please identify if necessary the conditions and means of exchange for trainee
specialist (the number permissible, the person to contact, etc.): two trainees,

<table>
<thead>
<tr>
<th>Authorisation to publish over Internet</th>
<th>YES</th>
<th>Signature:</th>
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<td>NO</td>
<td>(write name)</td>
</tr>
</tbody>
</table>

Konstantina Petropoulou
SYNTHETIC FORM FOR A BOARD CERTIFIED TRAINING UNIT

UNIT NAME:
Department of Neurorehabilitation Sciences
Istituto Auxologico Italiano, IRCSS

ADDRESS:
Ospedale San Luca; via Giuseppe Mercalli 32, 20122 Milano, Italy

NAME OF THE UNIT RESPONSIBLE:
Prof. Luigi TESIO

TEL.:+39 0258218150 FAX: +390258218152 E-MAIL:
luigi.tesio@unimi.it
l.tesio@auxologico.it

- Main clinical activities of the unit:
(state the main areas of care depending on clinical workload and interests)

1. Inpatient post-acute comprehensive neurorehabilitation (stroke, brain operations, non traumatic spinal lesions) – 44 beds
2. Outpatient comprehensive neuro-rehabilitation (Multiple Sclerosis, Stroke, Ataxia, CNS tumors) – 12 patients/day
3. Neuropsychological assessment and treatment of cognitive disorders
4. Biomechanical and neurophysiological assessment of motor impairments

- Specific research interests of the unit:
give the key words for each theme)

1. Gait analysis (gait, walking, rehabilitation)
2. Outcome assessment (disability assessment, psychometrics, research methodology)
3. Balance rehabilitation (balance, posture, exercise treatment)
4. Cognitive rehabilitation (neuropsychology, brain stimulation, behavioural assessment)

- List five publications from the last five years which most represent the unit's research programme:


- Please identify if necessary the conditions and means of exchange for trainee specialist (the number permissible, the person to contact, etc.):

  1. Foreign languages: English, French
  2. For full clinical training:
     EU citizens, MD license valid in the Country of origin;
     Non-EU citizens, procedure to be defined on a case-by-case basis

Contact: prof. Luigi Tesio, luigi.tesio@unimi.it

Authorisation to publish over Internet   YES ☑   Signature:

NO ☐
SYNTHETIC FORM FOR A BOARD CERTIFIED TRAINING UNIT

UNIT NAME: NEUROREHABILITATION CLINIC – AZIENDA OSPEDALI RIUNITI DI ANCONA
ADDRESS: VIA CONCA 71 - 60126 TORRETTE DI ANCONA, ITALY
NAME OF THE UNIT RESPONSIBLE: Maria Gabriella CERAVOLO
TEL.: ++39.071.596.4526 – 596.5794 FAX: ++39.071.596.5651 E-MAIL: cl.neuroria@univpm.it ; m.g.ceravolo@univpm.it

- Main clinical activities of the unit:
(state the main areas of care depending on clinical workload and interests)
1. Intensive rehabilitation of TBI and stroke patients;
inpatient rehabilitation is provided to patients in a comprehensive stroke unit of 4 intensive
care beds + 4 intensive rehab beds; after discharge, patients may benefit of continuous care in
a day-hospital setting. Extensive rehabilitation to stroke outpatients is also available. FES,
virtual reality, action observation and non-invasive cortical stimulation are integrated with
task-oriented rehabilitation.
2. The unit is a recognised regional reference centre for spasticity management, by means of
either botulinum toxin injections (in stroke and CP subjects with focal spasticity) or
intrathecal baclofen pump implantation (in SCI and MS patients with widespread disabling
and painful spasticity)
3. The unit is a recognised regional reference centre for patients with neuromuscular disorders
(namely muscular dystrophy and amyotrophic lateral sclerosis), who are taken in charge at the
very moment of diagnosis and offered counselling and training to the use of aids for mobility
and non-invasive ventilation.
4. Rehabilitation of patients with Parkinson’s disease, through the application of cueing
strategies, dance therapy and singing therapy.
5. Rehabilitation of patients in the acute phase after mastectomy.
6. Rehabilitation of patients undergone reconstructive surgery after severe traumatic hand
injuries

- Specific research interests of the unit:
give the key words for each theme)
1. Functional prognosis; outcome assessment; acute brain injury; Parkinson’s disease; breast
cancer;
2. Stroke rehabilitation effectiveness; action observation; virtual reality; functional electrical
stimulation; non-invasive cortical stimulation;
3. Posture and gait analysis;
4. Spasticity treatment; botulinum toxin

- List five publications from the last five years which most represent the unit's research
programme:
1. Avenanti A, Coccia M, Ladavas E, Provinciali L, Ceravolo MG. Low-frequency rTMS
2012 Jan 24;78(4):256-64.
2. Franceschini M, Ceravolo MG, Agosti M, Cavallini P, Bonassi S, Dall'Armi V, Massucci
M, Schifini F, Sale P. Clinical relevance of action observation in upper-limb stroke
F. Electrical stimulation over the left inferior frontal gyrus (IFG) determines long-term effects
in the recovery of speech apraxia in three chronic aphasics. Behav Brain Res. 2011 Dec 1;225(2):498-504.


- Please identify if necessary the conditions and means of exchange for trainee specialist (the number permissible, the person to contact, etc.):
  1. Foreign languages: English, French, Spanish
  2. For full clinical training: EU citizens, MD license valid in the Country of origin;
  3. Contact: Prof Maria Gabriella CERAVOLO, MD
  4. Admitted: no more than 3 trainees simultaneously

Authorisation to publish over Internet YES ☑ Signature: NO ☒

[Signature]
SYNTHETIC FORM FOR A BOARD CERTIFIED TRAINING CENTRE

CENTRE NAME : Physical Medicine and Rehabilitation Division A, TMC10, Umberto I Hospital, “Sapienza” University

ADDRESS: Piazza Aldo Moro 5, 00185 Rome, Italy

NAME OF THE UNIT RESPONSIBLE: prof. Vincenzo Maria Saraceni MD

TEL: 0039.064940427

E-MAIL: esaraceni@uniroma1.it

- Main clinical activities of the unit:
  (state the main areas of care depending on clinical workload and interests)
  - Post traumatic orthopedics injury
  - Stroke
  - Spasticity
  - Multiple sclerosis

- Specific research interests of the unit:
  (give the key words for each theme)
  - Neurocognitive Rehabilitation
  - Physical Therapy (shockwave therapy, hyperthermia, vibration therapy)
  - Back school
  - Rare disease

- List five publications from the last five years which most represent the unit's research programme:


Authorization to publish over Internet YES

Signature: Vincenzo Saraceni
SYNTHETIC FORM FOR A BOARD CERTIFIED TRAINING CENTRE

CENTRE NAME: Rehabilitation, Physical and Sport Medicine Center; The Institute of Rehabilitation, Sport Medicine and Nursing; Medical Faculty Vilnius University; Vilnius University Hospital Santariskiu Klinikos

ADDRESS: Santariskiu 2, Vilnius LT 08661, Lithuania

NAME OF THE UNIT RESPONSIBLE: prof. Alvydas JUOCEVICIUS PhD, MD

TEL.: 370-52365170; mobil. 37068580504; FAX: 37052365172 E-MAIL: alvydas.juocevicius@santa.lt

- Main clinical activities of the centre:
(state the main areas of care depending on clinical workload and interests)

1. Rehabilitation services for patients who suffer from different diseases are provided in the Out-patient Department. Patients are referred to from primary care institutions and different departments of the hospital (1200 beds). The Department provides rehabilitation services for over 14,000 patients per year.

2. The Centre has 100 beds for in-patient rehabilitation (3 units). During the year 1450 severely physically disabled patients after brain injuries, spinal cord injuries, multitraumas, amputees, cardiovascular, neurological, rheumatoid arthritis, osteoarthritis diseases were treated and rehabilitated in the in-patient units.

3. Provides consultations and rehabilitation programs for sportsmen. The winners and prizemen of Sydney, Athens, Beijing Olympic games were successfully rehabilitated in the Centre.

- Specific research interests of the centre:
(give the key words for each theme)

1. Prognostication of comprehensive rehabilitation effectiveness in patients with movement disturbances. The aim is to search for comprehensive rehabilitation effectiveness prognostication's parameters; to prepare methods of comprehensive rehabilitation’s prognostication in patients with movement disturbances;

2. Preparation of rehabilitation programs after trauma and diseases and recovery methods for high-skilled atletes. The aim is to prepare modern and effective rehabilitation programs after trauma and diseases and recovery methods for high-skilled atletes.

3. ICF categories in process of evaluation of effectiveness of the rehabilitation.
- List five publications from the last five years which most represent the centre's research programme:


- Please identify if necessary the conditions and means of exchange for trainee specialist (the number permissible, the person to contact, etc.):

  Authorisation to publish over Internet YES ☑ Signature: Alvydas Juocevicius

  NO ☐ (write name)
SYNTHETIC FORM FOR A BOARD CERTIFIED TRAINING CENTRE

CENTRE NAME: University Rehabilitation Institute
ADDRESS: Linhartova 51, SI-1000 Ljubljana, Slovenia
NAME OF THE UNIT RESPONSIBLE: Prof Helena Burger, MD, PhD
TEL.: +386 1 4758 441 FAX: +386 1 4376 589 E-MAIL: helena.burger@ir-rs.si

- Main clinical activities of the centre:
  1. Neurological Rehabilitation
  2. Amputee Rehabilitation
  3. Children Rehabilitation
  4. Prosthetic and Orthotic Outpatient Clinic
  5. Robotics and Virtual Reality in Rehabilitation

- Specific research interests of the centre:
  1. Functional Electrical Stimulation (FES)
  2. Biomechanics of gait, standing and balancing
  3. Outcome measures in rehabilitation

- List five publications from the last five years which most represent the centre's research programme:

- Please identify if necessary the conditions and means of exchange for trainee specialist (the number permissible, the person to contact, etc.):
  - 2 trainees
  - Contact: Prof Helena Burger, MD
  - No funds for accommodation available

Authorisation to publish over Internet YES ☑
Signature:
NO ☐
Prof Helena Burger
SYNTHETIC FORM FOR A BOARD CERTIFIED TRAINING CENTRE

UNIT NAME: Clinique romande de réadaptation SuvaCare

ADDRESS: Avenue du Grand Champsec 90,
1950 Sion
Switzerland

NAME OF THE UNIT RESPONSIBLE: Dr Gilles RIVIER

TEL.: +41.27.603.20.40 FAX: +41.27.603.20.42
E-MAIL: gilles.rivier@crr-suva.ch

- Main clinical activities of the unit:
(state the main areas of care depending on clinical workload and interests)

1. Musculoskeletal Rehabilitation 
2. Neuro-Rehabilitation 
3. Spinal Cord Injury Rehabilitation 
4. Vocational Rehabilitation

- Specific research interests of the unit:
give the key words for each theme

1. Monitoring of activity
2. Characterization of chronic pain
3. Predictors of non-return –to-work

- List five publications from the last five years which most represent the unit's research programme:


- Please identify if necessary the conditions and means of exchange for trainee specialist (the number permissible, the person to contact, etc.):

Authorisation to publish over Internet YES ☑ Signature:
NO ☐
SYNTHETIC FORM FOR A BOARD CERTIFIED TRAINING CENTRE

CENTRE NAME: Pamukkale University Medical School, Department of Physical Medicine and Rehabilitation

ADDRESS: Pamukkale Üniversitesi Hastanesi, Fizik Tedavi ve Rehabilitasyon Anabilim Dalı, Kımalı, 20070, Denizli, TURKEY

NAME OF THE UNIT RESPONSIBLE: Füsun Ardiç, MD, Professor

TEL FAX-: 0090 258 2118129 E-MAIL: fardic@pau.edu.tr

- Main clinical activities of the centre:
  (state the main areas of care depending on clinical workload and interests)
  Dept. of PRM offers inpatient and outpatient care in almost all areas of the medical specialty of PRM. Predominant clinical activities are listed below:
  1. Musculoskeletal system disorders
  2. Rehabilitation of neurologic diseases
  3. Obesity and exercise
  4. Hand Rehabilitation
  5. Urogynecological rehabilitation (Urinary incontinence, physical modalities)
  6. Balneotherapy

- Specific research interests of the centre:
  (give the key words for each theme)
  Exercise
  Balneotherapy
  Obesity
  Traumatic hand rehabilitation
  Urogynecological rehabilitation
  Electrotherapy
  Cardiac rehabilitation

- List five publications from the last five years which most represent the centre's research programme:
  (Publications corresponding the themes described above are listed)
- Please identify if necessary the conditions and means of exchange for trainee specialist (the number permissible, the person to contact, etc.):
Foreign trainees and/or specialists are welcome to be an observer in our department as long as they are able to speak English. The exchange is possible in the framework of Erasmus Student Exchange Program. The number may be one or two at a time. The person to contact is the Chair of the department.

Authorisation to publish over Internet  YES X  NO  Signature:  
Füsun Ardıç, MD
SYNTHETIC FORM FOR A BOARD CERTIFIED TRAINING CENTRE

CENTRE NAME: ISTANBUL UNIVERSITY, ISTANBUL FACULTY OF MEDICINE
DEPARTMENT OF PHYSICAL AND REHABILITATION MEDICINE

ADDRESS: Istanbul University, Istanbul Faculty of Medicine, Department of Physical and Rehabilitation Medicine, Çapa, 34093, Istanbul, TURKEY

NAME OF THE UNIT RESPONSIBLE: Prof. Dr. Aydan Oral

TEL.: 0090 212 6351185  FAX: 0090 212 6311167  E-MAIL: ayoral@istanbul.edu.tr
aydanoral@yahoo.com

- Main clinical activities of the centre:
(state the main areas of care depending on clinical workload and interests)
The Istanbul Faculty of Medicine, Dept. of PRM offers inpatient and outpatient care in almost all areas of the medical specialty of PRM. Predominant clinical activities are listed below:
1. Neurological rehabilitation (Hemiplegic patient care, Spinal Cord Injured patient care)
2. Pain management in musculoskeletal diseases/Musculoskeletal rehabilitation
3. Osteoporosis evaluation and management
4. Pediatric rehabilitation (Outpatient)
5. Interventional physiatry

- Specific research interests of the centre:
(give the key words for each theme)
1. Joint and soft tissue injections (Intraarticular injections, osteoarthritis)
2. Temporomandibular joint disorders (Temporomandibular joint, nonsurgical treatment)
3. Urogynecological rehabilitation (Urinary incontinence, physical modalities)
4. Botulinum toxin injections (Botulinum toxin)
5. Musculoskeletal diseases and ergonomics (Work-related musculoskeletal disorders, ergonomics)

- List five publications from the last five years which most represent the centre's research programme:
(Publications corresponding the themes described above is listed)
Viehweger E, Molenaers G. The updated European Consensus 2009 on the use of Botulinum toxin for children with cerebral palsy. Eur J Paediatr Neurol. 2009 Nov 12. (Resa Aydin is a faculty member in our department)


- Please identify if necessary the conditions and means of exchange for trainee specialist (the number permissible, the person to contact, etc.):
Foreign trainees and/or specialists are welcome to be an observer in Istanbul Faculty of Medicine, Department of Physical and Rehabilitation Medicine as long as they are able to speak English along with some knowledge of Turkish language. The exchange is possible in the framework of Erasmus Student Exchange Program. The number may be one or two at a time. The person to contact is the Chair of the department.

Authorisation to publish over Internet YES ☑ Signature: Aydan Oral, MD
NO ☐
SYNTHETIC FORM FOR A BOARD CERTIFIED TRAINING CENTRE

UNIT NAME: Marmara University, School of Medicine, Department of Physical Medicine and Rehabilitation
ADDRESS: Marmara Üniversitesi Eğitim ve Araştırma Hastanesi, Fevzi Çakmak Mahallesi, Tepe Sokak, No: 41, Oda No: 1628, Üst Kaynarca, Pendik, 34899, İstanbul

NAME OF THE UNIT RESPONSIBLE: Prof. Osman Hakan Gündüz, MD
TEL.: +90-216-6570606, ext. 1628  FAX: +90-216-6254750
E-MAIL: gunduzh@marmara.edu.tr

- **Main clinical activities of the unit:**
(state the main areas of care depending on clinical workload and interests)

- **Specific research interests of the unit:**
(give the key words for each theme)

- **List five publications from the last five years which most represent the unit's research programme:**

  1. 

- **Please identify if necessary the conditions and means of exchange for trainee specialist (the number permissible, the person to contact, etc.):**

  Authorisation to publish over Internet  YES □  Signature: Osman Hakan Gündüz

  NO □
UNIT NAME: “Midland Centre for Spinal Injuries” (MCSI)

ADDRESS: Robert Jones & Agnes Hunt Orthopaedic & District Hospital NHS Foundation Trust, Gobowen, Oswestry, Shropshire SY10 7AG.

NAME OF THE UNIT RESPONSIBLE: Mr Aheed Osman, FRCS, M Med Sci, MBChB

TEL: +44 1691 404650 FAX: +44 1691 404260

E-MAIL: aheed.osman@rjah.nhs.uk

- Main clinical activities of the unit:

MCSI is a well-established Regional Centre for the comprehensive management of patients with spinal cord injury (SCI) for life. It is located on the site of a large NHS hospital for Bone and Joint Disease.

The Spinal Injuries Centre is approved for UK training for 10 trainees in Spinal Cord Injury and Rehabilitation Medicine in association with the Other Specialised Rehabilitation Training Centres in the West Midland Region.

The hospital has a total of 250 inpatient beds - 44 for the SCI service. The catchment population is 8.5 million. About 400 inpatients are treated each year including over 120 new SCI patients per year. 1800 to 1900 outpatient consultations are carried out each year. 39 - 49 cases are treated as a day case each year.

The MCSI is a supraregional Centre and takes patients from a wide geographical area. It is a referral Centre for spinal injuries from 3 regional Major Trauma Centres and about 25 other acute hospitals.

MCSI provides acute and lifelong care including follow up in our outpatient department. MCSI is a comprehensive Rehabilitation Centre which includes: Physiotherapy department, Wheelchair / seating department, 3 D Gait analysis laboratory, Occupational therapy department, Electrotherapy facilities, Isokinetics laboratory, Gymnasium, Exercise testing, Hydrotherapy, Urodynamic suite, Orthotic workshop, Neurophysiology department, Prosthetic workshop, Vocational rehabilitation assessment centre.

- Specific research interests of the unit:

Research interests are based on;

- Spinal Cord Injury
- Metabolic Bone Disease
- Rheumatology/Orthopaedic Bone and Joint Disease
- Orthotics/3D Gait analysis
- Tissue Engineering
MCSI is involved in the following research projects:

- Reduction of bacteriuria in spinal cord injured patients practising intermittent catheterisation
- COSAQ - A prospective, randomised-controlled trial of auto-titrating Continuous Positive Airway Pressure (CPAP) treatment for obstructive sleep apnoea after acute quadriplegia.
- An International Age- and Gender-Controlled Model for the Spinal Cord Injury Ability Realization Measurement Index
- A randomised, controlled study evaluating return of bacteriuria after antibiotic treatment in spinal cord injured patients practising intermittent catheterisation
- Sponsor
- Development of a new Spinal Immobiliser
- Blood Biomarkers for Spinal cord injury
- ECLISP – (Efficacy of consuming LCS (lactobacillus casei shirtta) in spinal cord injury patients)
- Translation Research for SCI: current and future perspective - Patient Questionnaire study
- Transcranial magnetic field therapy for treatment spasticity
- FES study- safety, benefit (Bone health) and quality of life for SCI
- Osteoporosis in chronic SCI
- Autonomic dysfunction and physical activity in SCI
- Adult Stem Cells in Spinal Cord Injury and Repair

- List five publications from the last five years which most represent the unit's research programme:
     N Kumar
     Spinal Cord. 2015; 53(S1): S3-S5
  2. To cystoscope or not to cystoscope patients with traumatic spinal cord injuries managed with indwelling urethral or suprapubic catheters? That is the question!
     WS El Masri, S Patil, KV Prasanna and JR Chowdhury.
     Spinal Cord (2014) 52, 49–53;doi:10.1038/sc.2013.119
  3. An International Age- and Gender-Controlled Model for the Spinal Cord Injury Ability Realization Measurement Index (SCI-ARMI)
     Giorgio Scivoletto, et al,
     Neurorehabilitation and Neural Repair 2015, Vol. 29(1) 25– 32
  4. Traumatic spinal cord injuries
     El Masri WS, Kumar N
     RJAH “Star Staff Publication” for 2010-11, 9 May 2011.
  5. Traumatic Spinal Cord Injuries: Value of Prognostic indicators of recovery in assessing neurological outcomes of interventions on the spine”
     El Masri WS, Kumar N, JR Chowdhury AE Osman
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- Please identify if necessary the conditions and means of exchange for trainee specialist
  (the number permissible, the person to contact, etc.):

Interested Doctors to contact Mrs Heather Edwards, Business Co ordinator, Midland Centre for Spinal Injuries (MCSI), Email: Heather.Edwards@rjahnhs.uk, Direct line: +44 1691 404363. Exchange subject to registration by General Medical Council (GMC) and availability of funds.

Authorisation to publish over Internet  YES
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