

SYNTHETIC FORM FOR A BOARD CERTIFIED TRAINING UNIT

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

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- Main clinical activities of the unit:

(state the main areas of care depending on clinical workload and interests)

1. Physical and rehabilitation medicine of rheumatic diseases in adults
2. Physical and rehabilitation medicine of children with psychomotor disorders
3. Spondyloarthropathies
4. Physical and rehabilitation of various musculoskeletal disorders

- Specific research interests of the unit:

(give the key words for each theme)

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

Effect of interferential current, therapeutic ultrasound, low-level laser and transcutaneous electrical nerve stimulation (TENS) on pain, global disease assessment, lumbar spine range of

motion and functional ability in patients with chronic low back pain. (Key words: interferential current, therapeutic ultrasound, low-level laser, transcutaneous electrical nerve stimulation (TENS), low-back pain)

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

Ankylosing spondylitis physical activity and osteoporosis. (Key words: ankylosing spondylitis, physical activity, osteoporosis)

Psoriatic arthritis - epidemiology and risk factors of progression (project supported by Ministry of Science, Education and Sports of Croatia) (Key words: psoriatic arthritis, epidemiology, risk factors)

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

Grazio S. International Classification of Functioning, Disability and Health (ICF) and rheumatic diseases. *Reumatizam* 2010;57(2): 39-49.

Grazio S, Grubišić F, Nemčić T, Matijević V, Skala H. The reliability and validity of a Croatian version of the Bath Ankylosing Spondylitis Functional Index (BASFI) and Bath Ankylosing Spondylitis Disease Activity Index (BASDAI) in patients with ankylosing spondylitis. *Reumatizam* 2009;56(2):63-76.

Grazio S, Markulinčić B, Nemčić T, Grubišić F, Matijević V, Skala H, Kasun B, Koprivnjak V, Trgovec I. Effect of intereferential current and therapeutic ultrasound on lumbar spine range of motion in patients with chronic low back pain. Proceedings of the 7th Mediterranean Congress of Physical and Rehabilitation Medicine, Portorož (Slovenia) September 18-21,2008 str. 60-62.

Grazio S, Markulinčić B, Muraja S, Grubišić F, Nemčić T, Matijević V, Skala Kavanaugh H, Šušak V. Efficacy of low-level laser therapy and transcutaneous electrical nerve stimualtion therapy on range of motion in chronic low back pain. 17th ESPRM European Congress of Physical and Rehabilitation Medicine. Posters and communications. Venice, 23-27 May 2010, str. 206-208.

Grazio S, Babić-Naglić Đ, Kehler T, Ćurković B. Persistence of weekly alendronate: a real-world study in Croatia. *Clin Rheumatol* 2008;27:651-653.

Tešija-Kuna A, Grazio S, Miler M, Vukasović I, Perić P, Vrkić N. Antibodies targeting mutated citrullinated vimentin in patients with psoriatic arthritis. Clin Rheumatol 2010;29:487-93.

Grubišić F, Grazio S, Balenović A, Nemčić T, Kusić Z. Osteoporosis, spinal mobility and chest expansion index in patients with ankylosing spondylitis. Coll Antropol (prihvaćeno za tisak)

Grubišić F, Grazio S, Znika M. Sports and recreational activities as a form of functional treatment of patients with ankylosing spondylitis. Acta Med Croatica 2007;61(Supl 1):57-61.

- Please identify if necessary the conditions and means of exchange for trainee specialist (the number permissible, the person ton 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*

NO