Organizers:

Claritudo d.o.o. (Solin) in collaboration with **Laboratory for Human and Experimental Neurophysiology (LAHEN), Department of Neuroscience, School of Medicine, University of Split**

Course Instructor:

David M. Morris, PT, PhD
Vice Chair and Professor
Department of Physical Therapy
University of Alabama, Birmingham, USA

About Course Instructor:

Associate Professor and Vice Chair in the UAB Division of Physical Therapy and Training Coordinator for the UAB CI Therapy Research Program.
Dr. Morris has over 30 years of experience in examination and providing therapeutic interventions for adults with neuromuscular dysfunction. Since 1994, dr. Morris has been active in the development of CI Therapy and has conducted training for scientists and other rehabilitation professionals interested in implementing CI Therapy programs. He has participated in a variety of studies regarding the use of CI Therapy with patients following stroke in the sub-acute phase.

Time:

February 19. – 22., 2015

As part of the training provided for the gathering with an organized tour of the city with a tourist guide.

Place:

Lectures: School of Medicine, University of Split (Šoltanska 2, Split);
practical exercises: CLARITUDO d.o.o. Solin (Ulica don Frane Bulića 164)

Price:

The price of education is 450 € (the price does not include accommodation costs).
All participants will be provided free lunch during training and one afternoon will be organized Split sightseeing with a tourist guide.

CONSTRAINT INDUCED (CI) THERAPY FOR IMPROVING UPPER EXTREMITY FUNCTION IN INDIVIDUALS WITH NEUROLOGIC DYSFUNCTION

(customized according Bolognini et al; 2011. Neuroreh and Neural Repair, 822: 25 (9))

Constraint-induced therapy, CI Therapy:

Experts know this therapy under the name **Constraint-induced movement therapy or CIMT.**

CIMT Therapy is a physical rehabilitation approach designed to increase extremity use following neuromuscular injury such as stroke, traumatic brain injury, cerebral palsy and etc. Developed by Dr. Taub (UAB CI Therapy Research Group), the approach has been successfully used to improve function in adults and children recovering from neurological and neuromuscular dysfunction.
Numerous studies and practice have shown an extremely high degree of effectiveness of this therapy, which is evident by the reorganization of the cortical topographic representation of the hand, the activation of cortical regions for hand representation and significantly better hand function after only three weeks of intensive CI method rehabilitation.

Instructional Objectives:

Upon completion, participants will be able to:

1. Describe the scientific rationale for improving motor function through CI therapy.
2. Apply the techniques constituting the CI therapy protocol.
3. Discuss previous research findings related to CI therapy.

Participants of education gets international certification CI therapist

The number of participants is limited because of practical exercises and necessary interaction of participants with the lecturer. If you are interested in participating and obtaining international certificate please submit your application no later than 20/12/2014 on the mail claritudo.doo@gmail.com

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PROGRAM SCHEDULE

First day – February 19, 2015

8-10 am - History of CI Therapy; Theoretical Background

10-12 noon - Overview of the CI Therapy protocol

12-1 pm - Lunch break

1-2 pm - Participant selection

2-5 pm - Selected research regarding CI Therapy

Second day – February 20, 2015

8-9:30 am - More research regarding CI Therapy

9:30-10:15 am - Overview of measurement

10:15-10:30 am – Break

10:30-11 am - Medical screening for participation

11-12 noon - Administering the Motor Activity Log

12-1 pm - Lunch break

1-2:15 pm - Shaping

2:15-3 pm - Task Practice

3-3:15 pm - Break

3:15-5 pm - Transfer package: Behavioral contract, Home diary, Home skill assignment; Home practice

Third day – February 21, 2015

8-12 noon - Practice protocol activities with other training participants while supervised by training staff

12-1 pm - Lunch break

1-5 pm - Practice protocol activities with patient models: Motor activity log, behavioral contract, shaping and task practice – supervised by training staff

Fourth day – February 22, 2015

8-11 am - Practice protocol activities with patient models: Motor activity log (day 2), Home diary, shaping and task practice (day 2) – supervised by training staff

11-12 noon - Application of the CI therapy protocol for children with Cerebral Palsy

12-1 pm - Lunch break

1-3:30 pm - Application of the CI therapy protocol for children with Cerebral Palsy (cont.)

3:30-4:30 pm - Considerations for administering a CI therapy clinic

4:15-5 pm - Questions and answers; wrap up