The use of Medical Infrared Imaging in Rehabilitation Medicine

Thermoguided Treatments in Pain Medicine
In theory and practice

3 day course
October 30, 31 and November 1

Medical Infrared Imaging Course for measurement and analysis of naturally emitted infrared radiation from the human skin surface. Using infrared cameras and preparation of reports for Medical Thermography.

Location: Epe, The Netherlands
Course fee: 1750 euro (1446,28 excl. vat)
Lecturer: Prof. Dr. med. Marcos Leal Brioschi

What is Medical infrared Imaging (Thermography)
Medical infrared imaging (MII) provides a non-radiating and contact-free method to display sympathetic skin vasomotor response, inflammation or vascular skin perfusion. Skin galvanic impedance, vasomotor and sudomotor functioning can be assessed through infrared skin response studies. The efficiency of new high definition MII systems make it a valuable auxiliary for detecting thermal abnormalities characterized by increases or reductions in skin heat.

Topics of this course:
- Introduction Medical Thermography.
- Basic Thermal Science and Ambient control (moisture meters, temperature control).
- Infrared cameras.
- Image capture technique (practical “hands on” session).
- Laboratory preparation.
- Thermoregulation and Patient preparation.
- Qualitative and Quantitative analysis (practical session with software).
- Report Preparation Thermography (practical session with software).
- Myofascial pain (Muscle Tear, Musculoligamentous Spasm, Referred Pain Syndrome, Trigger Points)
- Tendonitis, Bursitis, Ligament Tear, Sprain/Strain
- Peripheral Nerve Injuries (Carpal Tunnel Syndrome, Thoracic Outlet Syndrome, Nerves Impingement)
- Reflex Sympathetic Dystrophy, Causalgia
- Thermographic quantification and qualification of physical and functional limitations
- Lumbar pain (Nerve Root Irritation, Facet Syndromes, Disc disease)
- Inflammatory Diseases/Synovitis/arthritis
- Orofacial pain (Trigeminal Neuralgia, Temporal Arteritis, TMJ Dysfunction)
- Headache Evaluation

In fibromyalgia patients, Medical Infrared Imaging is very helpful to make a differentiation between Fibromyalgia pain and pain caused by another problem or illness.

Medical Infrared Imaging is a method that does not replace current radiological techniques (as radiography, ultrasound, CT, MRI). Infrared Imaging will show the physiological changes in the body reflected by microcirculation, inflammatory, metabolic and sympathetic changes from the skin.

Hotel information:
Princess Hotel Epe
Dellenweg 115
8161PW Epe
The Netherlands
Visit the website for special room rates.

For more information and online registration visit www.thermografie-centrum.nl
Sign up before September 30th!!!
During the course there are infrared cameras available!