TRAINING IN ASSESSMENT OF PERSONAL INJURY BASED ON BIOMECHANICAL ANALYSIS

Modality: *e-learning*

Duration: 40 hours

Accreditation: yes

Tutorization: available

Dates: 16/04/2019 - 30/05/2019

Addressed

- To professionals of the health sector and other related professionals with special interest in the bodily harm assessment. Among them are forensic doctors, medical experts, damage assessment doctors, rehabilitation doctors and lawyers specialized in damage assessment.

Description and objectives

Description:

This online course has been developed within the Areyoufine project, an initiative funded by the European Union within the Erasmus + Program. The course gives an introduction on the general legal-medical aspects in the assessment of bodily harm at a European level. Introduces the student in the application and utility of biomechanics for the assessment of bodily harm. It explains the use of biomechanical assessment tests as a complementary medical test for the evaluation of the musculoskeletal system that helps to explain the lack of objectivity in medical-legal criteria.

Objectives:

- Provide an overview of medico-legal procedures applicable in Europe in case of bodily harm.
- Introduce basic principles of legal medicine and assessment of bodily harm at European level.
- Introduce the function and utility of clinical biomechanics for the assessment of body damage.
- Know some of the instrumental techniques for the biomechanical analysis utility in the clinical practice.
- Start to interpret the results of clinical biomechanical analysis, including in the field of simulation.
- Know requirements for the development of a clinical biomechanical assessment report.
- Know the usefulness of clinical biomechanical assessment tests through cases.

Content

Module 1: Introduction to the medico-legal frame at EU level

- Session 1: Medico-legal general issues on personal injury damages
- Session 2: Personal injury damages compensation

Module 2: Introduction to biomechanical assessment in bodily harm assessment

- Session 1: Introduction to biomechanical assessment
- Session 2: Introduction to the concept of malingering
- Session 3: Relevance and application of the biomechanical assessment

Module 3: Clinical cases

- Case study 1: Lumbar spine
- Case study 2: Shoulder
- Case study 3: Cervical spine

Module 4: Additional contents

Teachers

The course is taught by members of Biomechanical Assessment and Training of the IBV. Among the professionals that are integrated are university doctors, physicians specialized in Physical Medicine and Rehabilitation and Legal and Forensic Medicine, physiotherapists, podiatrists, engineers, pedagogues and graduates in Information Sciences, with extensive teaching experience and in the application of methodologies of biomechanical assessment.

Technical requirements

Software and hardware required: Computer with audio and internet connection, web browser and email.
Previous knowledge required: Basic management of a web browser.

Certificate

The student who has passed the assessment will be awarded by a certificate of compleiton, issued by the Instituto de Biomecánica (IBV).

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