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AN E-LEARNING APPROACH TO EDUCATION AND TRAINING IN BIOMECHANICS AND OSTEOSYNTHESIS OF FRACTURES

Abstract:

Aim and object of the study: This project is aimed at adapting and integrating innovative training courses and results from previous Leonardo da Vinci project into continuing VET of medicine professionals (residents, surgeons) and professionals involved in implants development and manufacturing

Methods. An E-learning course is presented and discussed in details, after being approved by an analysis of experience and needs of orthopaedic surgeons and residents in three participating countries and performing a field trial test.

Results: An adapted E-learning course for residents and orthopaedic surgeons in learning new techniques for osteosynthesis, management of fractures using implants, postoperative complications, requirements for implants design is presented. Definition of learning outcomes for surgeons' courses is performed.

Conclusion: The added value of this project will be in the improved quality and attractiveness of the continuing VET in the target countries by transferring existing innovations to new geographic environments and across the sectors of medicine and engineering.

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