SP0211

DEVELOPMENT OF A STANDARDIZED TRAINING MODEL FOR ULTRASOUND-GUIDED SYNOVIAL BIOPSY'S IN SMALL AND LARGE JOINTS

Ingrid Möller. University of Barcelona, Instituto Poal de Reumatologia, Barcelona 08022, Spain

Background: Ultrasound-guided needle biopsy of synovium is a minimally invasive tool to complete the study and in the investigation of the therapeutic response in some patients with arthritis. As a consequence, there is a need to have a didactic material and a form of training. This EULAR project: Development of a standardized training model for ultrasound-guided synovial biopsy's in small and large joints, covers these objectives

Objectives:

1. To develop educational material on the procedures for ultrasound-guided minimally-invasive synovial biopsy in small and large joints.
2. To test the consistency, reliability and feasibility of these procedures on cadaveric specimens (Barcelona University, Barcelona, Spain).
3. To validate these procedures by assessing the synovial tissue quality (i.e. number of graded tissue samples per biopsy procedure, amount of RNA extraction) obtained by this biopsy modality in patients (5 patients) from the participating centres. Tissue will be analyzed in a central laboratory (Joint and Bone Laboratory, Fundación Jiménez Díaz, Madrid, Spain).

Methods: Meeting in Barcelona was in January 2019 from the 21 to the 25.

During the meeting, part of the educational material was produced and the exercise to test the consistency, reliability, and feasibility of these procedures on cadaveric specimens (Barcelona University, Barcelona, Spain) was done. Then the material was circulated among the experts.

The validation of these procedures by assessing the synovial tissue quality (i.e. number of graded tissue samples per biopsy procedure, amount of RNA extraction) obtained by this biopsy modality in patients (5 patients) from the participating centres and Tissue analysis in a central laboratory (Joint and Bone Laboratory, Fundación Jiménez Díaz, Madrid, Spain) is ongoing

Results: Here is presented the teaching material produced by the members of this EULAR task force in animal model and cadaver as a basis for learning the ultrasound-guided synovial biopsy technique.

Conclusion: The animal model and the cadaver, having the appropriate anatomical and musculoskeletal ultrasound knowledge, are useful for learning ultrasound-guided biopsy. As a complement, you can include the stay with an expert to face the problems of the technique with the real patient. The visualization of the produced video is a useful tool for this learning.

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Disclosure of Interests: None declared

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SATURDAY, 15 JUNE 2019

13:45:00 – 14:45:00

HPR Highlight session

SP0212

HIGHLIGHTS FROM THE SCIENTIFIC PROGRAMME

Daniel Aletaha. Medical University of Vienna, Department of Medicine III, Division of Rheumatology, Austria

In this presentation we will review the most interesting findings from the scientific programme of this year's EULAR meeting for Health Care Professionals.

Disclosure of Interests: Daniel Aletaha Grant/research support from: AbbVie, Bristol-Myers Squibb, and MSD, Consultant for: AbbVie, Bristol-Myers Squibb, Eli Lilly, Janssen, Medac, Merck, MSD, Pfizer Inc, Roche, and UCB, Speakers bureau: AbbVie, Bristol-Myers Squibb, Eli Lilly, Janssen, Medac, Merck, MSD, Pfizer Inc, Roche, and UCB

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SATURDAY, 15 JUNE 2019

13:45:00 – 14:45:00

PARE Highlight session

SP0213

HIGHLIGHTS FROM THE SCIENTIFIC PROGRAMME

Alexandre Sepriano. Leiden University Medical Center, Rheumatology, Leiden, Netherlands

This talk will cover highlights from the Congress Scientific Programme, encompassing a wide range of topics in the field of rheumatology

Disclosure of Interests: None declared

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