MINIMALLY INVASIVE SPINE SURGERY

November 15-16, 2013

INTERNATIONAL HANDS-ON COURSE

SURGICAL SCIENCES RESEARCH DOMAIN
LIFE AND HEALTH SCIENCES RESEARCH INSTITUTE (ICVS)
SCHOOL OF HEALTH SCIENCES | UNIVERSITY OF MINHO
NOVEMBER 15-16, 2013
(2nd EDITION)

MINIMALLY INVASIVE
SPINE SURGERY

COORDINATED BY: Pedro Varanda, Paulo Cibrão Coutinho,
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Microsurgical, minimally invasive techniques and stereotactic navigation are gaining increasing importance in spinal surgery. Over the past years a number of new surgical techniques and approaches have been developed that will change our surgical practice in the future. Therefore, by combining didactic lectures and case discussions with hands-on cadaveric exercises, this course offers an unique opportunity to develop technical skills and training to all surgeons who wish to be involved in minimally invasive spinal care.
PROGRAMME AT A GLANCE

NOVEMBER 2013
FRIDAY, 15

MORNING

Welcoming remarks.

Opening Session – João Espregueira-Mendes / Manuel Vieira Silva
L1: Rationale and background of Spine MIS - Pedro Varanda

Session I – Microdiscectomy and Decompression
L2: Minimally Invasive Techniques for Microdiscectomy - Maia Gonçalves
L3: Minimally Invasive Techniques for Decompression - Artur Teixeira

Hands-on session I - Cadaver Lab

AFTERNOON

Session II – Minimally Invasive Interbody Fusion
L4: Minimally Invasive TLIF/PLIF: Indications and Technique – Eurico Silva
L5: Minimally Invasive DLIF: Indications and Technique – Pedro Varanda
L6: Minimally Invasive ALIF: Indications and Technique – João Cannas

Hands-on session II – Cadaver Lab

Participants & Faculty Dinner

SATURDAY, 16

MORNING

Session III – Thoracolumbar Spine Trauma
L7: Min. Inv. Percutaneous Transpedicular Fixation Technique – Miguel Casimiro
L8: Minimally Invasive Percutaneous Transpedicular Fixation in Trauma – Luís Teixeira
L9: Percutaneous Cement Augmentation Tec. - Vertebroplasty Kyphoplasty – JJ Verlaan
L10: Controversies with cement augmentation – Nuno Neves

Hands-on session III - Cadaver Lab

AFTERNOON

Session IV - 3D Navigation
L11: 3D Fluoro Navigation in Spinal surgery

Session V - Dynamic Stabilization
L12: Is there still a place for IS devices? – José Carlos Villarinho

Session VI – MISS Complications
L13: MISS or mess? – What can go wrong!
L14: Tricks of the Trade: How to Stay Out of Troubles! - Paulo Pereira

Session VII – Clinical Cases

Hands-on session IV - Cadaver Lab
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