

PELVIC LIMB DEFORMITY CORRECTION



Masterclass Overview

An advanced programme covering the diagnosis, planning and surgical correction of pelvic limb deformities — from imaging and preoperative planning to complication management, with a strong focus on patellar luxation and trochlear resurfacing.

Learning Objectives

- Interpret imaging (RX/CT) and plan tibial deformity correction using VPOP and the Intrauma Configurator
- Perform PTO, TTT and TPLO modification techniques for complex tibial deformities
- Classify trochlear pathology and apply the Mamamia (MM) technique, including complication management
- Interpret imaging and plan femoral deformity correction
- Perform DFO techniques, including DRD jig correction, and manage related complications

SCIENTIFIC PROGRAMME

1. Tibial Deformity: Imaging & Preoperative Planning

- State-of-the-art preoperative planning for tibial deformities: radiography, positioning, VPOP planning, Intrauma Configurator
- CT post-processing and measurement: 3D rendering vs standard reconstruction, automated measurement, torsion evaluation

2. TTT, TPLO & Tibial Osteotomy Techniques

- TTT beyond tibial tuberosity transposition: distalisation and proximalisation
- PTO round table: comparing different surgical approaches
- TPLO modifications: excessive slope, cranial and medial closing
- Balancing osteotomies on the tibia: de-loading and instability
- Surgical Demonstration: PTO with JIG
- Surgical Demonstration: double-cut TPLO for excessive TPA

3. Trochlear Pathology & Resurfacing

- Trochlear pathologies and indications for trochlear resurfacing
- Surgical planning, including templating
- Experiences with PGR: system limitations and O modification
- Mamamia (MM) system: materials, development and step-by-step procedure
- Asepsis standards for MM surgery
- Clinical experience with MM: from simple to complex cases
- Complications of trochlear resurfacing (TRA/PGR and MM)
- Planning Demonstration: Mamamia (MM) exercise

SCIENTIFIC PROGRAMME

4. Femoral Deformity: Imaging & Preoperative Planning

- State-of-the-art preoperative planning for femoral deformities: radiography, positioning, VPOP planning, Intrauma Configurator
- CT post-processing and measurement for femoral deformities

5. DFO Techniques & Complication Management

- Round table: tips and tricks for standard DFO (double plating, mini approach, implant modifications, bending, cutting implants)
- Beyond lateral closing wedge DFO: modified techniques (opening wedge, torsion correction)
- Limb deformity jig (DRD) for DFO
- Balancing DFO: principles of de-loading
- DFO complications and how to avoid them
- Surgical Demonstration: DRD femur correction with varus and torsion
- Surgical Demonstration: jigless medial opening wedge



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How It Works

- 12-month streaming access, no downloads
- Watch in your own language, at your own pace (EN, SPA, PT, ITA)
— pause, rewind, pick up where you left off
- Built to be revisited before a complex case, not just followed once
- Surgical planning and clinical cases designed to be consulted again and again