

ADVANCED KNEE SURGERY



COMPLEX OSTEOTOMIES, ALIGNMENT & TROCHLEAR RESURFACING

Masterclass Overview

This advanced online masterclass is designed for experienced surgeons looking to refine their skills and explore the latest innovations in complex stifle surgery. The programme focuses on challenging clinical cases, innovative surgical techniques and practical solutions for **complex knee pathologies** — from advanced TPLO procedures and the introduction of the new AMA CCWO system, to corrective osteotomies, complex patellar luxation management and the latest developments in trochlear prosthetic replacement. A path built to sharpen your approach to real clinical challenges and uncover solutions that make a difference in everyday surgical practice.

Learning Objectives

- Manage complex ACL presentations, including feline and giant/micro-breed cases
- Perform TPLO safely and manage its complications
- Apply CCWO principles, including the new AMA-based approach
- Plan and correct complex PTO for tibial torsion
- Classify trochlear lesions and apply prosthetic replacement planning

SCIENTIFIC PROGRAMME

1. ACL Disease: Foundations & Complex Presentations

- ACL disease: introduction, biomechanics and effect of concurrent pathologies
- ACL and genu valgum
- ACL and quadriceps malalignment: strategies
- ACL in cats: TPLO or something different?
- Giant breed ACL: good to go with TPLO?
- Cruciate ligament disease in toy and miniature breeds

2. TPLO Technique & Complication Management

- Jig-less TPLOs: how to stay safe
- Excessive TPA slope
- Managing TPLO complications
- Intrauma ACL system: step by step

3. CCWO & Advanced Osteotomy Concepts

- CCWO principles: when and why?
- A new AMA-based approach to CCWO: safe surgical guidance

4. Complex PTO Planning & Correction

- Excessive torsion of the tibia: PTO, DTO or MTO?
- Shortening the femur: when and how?
- Planning complex PTO procedures
- Surgical demonstration: complex PTO — TPA, valgus and torsion with one osteotomy

5. Trochlear Pathology & Prosthetic Replacement

- Update on Mamamia: where are we now?
- Trochlea lesions classification: when is a prosthesis the right choice?
- Planning ICL
- Guided Surgical Demonstration: ICL clinical case

6. Clinical Cases



Dr. Jan Hnizdo



Dr. Luca Vezzoni



Dr. Jorge Leite

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