

THORACIC LIMB ALIGNMENT MASTERCLASS



Masterclass Overview

A complete path to a thorough understanding of thoracic limb alignment in dogs — from assessment principles to the surgical techniques used to correct malalignment, through to their clinical applications. A format built to bring theory and practice together, through lectures, clinical case discussion and surgical planning, with the goal of helping you approach thoracic limb alignment with confidence and method.

The course takes a close look at:

- **Antebrachium** - practical, experience-based approaches to antebrachial deformities, including short radius syndrome, limb lengthening and radial head luxation
- **Humeral deformities** - varus and torsional humeral deformities as a factor in some elbow dysplasia cases, comparing valgisation osteotomies with sliding humeral osteotomy (SHO)
- **Complications** - a closing session where the full faculty openly discusses prevention, management and decision-making in complex cases

SCIENTIFIC PROGRAMME

1. Clinical & Radiographic Assessment of Thoracic Limb Deformity

- Clinical evaluation of patients with front limb deformities
- Radiographic technique, references and terminology for the front limb
- Radiography of the antebrachium: understanding deformities from RX and CT
- Radiography of the humerus: how to understand deformities on RX and CT

2. CORA Methodology & Deformity Planning

- Introduction to CORA methodology
- Concept of Paley rules
- Planning software: Horos, VPOP, RadiAnt, Configurator etc.
- Finding the CORA: location, magnitude and plane (radiographs vs CT)
- Deformity correction planning — the Graphic method
- Planning Demonstration: graphic method deformity planning

3. Osteotomy Techniques: Lengthening, Splitting & Shortening

- Bone lengthening — indications and techniques
- Bone splitting osteotomies
- Bone shortening — indications and techniques

4. Antebrachial Torsional & Complex Deformities

- Front limb torsion: antebrachium vs metacarpals
- Monoapical deformity and torsion of the antebrachium
- Surgical approach and technique for monoapical deformity correction
- Planning Demonstration: CORA for monoapical deformity
- Biapical deformity of the antebrachium
- Guided Surgical Demonstration: monoapical deformity with torsion
- DRD Jig and Rail Jig in complex front limb deformities

5. Joint-Related Deformities & Corrections

- Osteotomies for joint stabilisation (balancing osteotomies of the antebrachium)
- Carpal arthrodesis
- Correction without osteotomy: hemiepiphysiodeses in growing dogs with ALDs
- Congenital elbow luxation and radial head luxation — a complex deformity problem

6. Elbow Dysplasia & Medial Compartment Syndrome

- Elbow dysplasia — another deformity problem
- Imaging in elbow dysplasia — where are we now?
- Arthroscopy in elbow dysplasia
- The ulna: osteotomies for medial compartment syndrome (PUO, DUO, PAUL)
- The humerus: osteotomies for medial compartment syndrome (SHO introduction)
- SHO outcomes
- SHO complications

7. Advanced Techniques & New Systems

- Length discrepancy management (radius/ulna)
- A new concept for treating the medial compartment through valgisation
- Introduction to the Intrauma Humerus System
- Surgical Demonstration: new Intrauma humerus valgisation system



Dr. Jan Hnizdo



Dr. Luca Vezzoni



Dr. Pedro Godinho



Dr. Jorge Leite



Dr. Luca Omodeo

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