



THE INDO-ITALIAN
CONSENSUS MEET

2025

DR. PRAMOD
CHINDER
ORTHOPAEDIC ONCOSURGEON



THE INDO-ITALIAN CONSENSUS MEET ON SARCOMA AND COMPLEX ORTHOPEDIC RECONSTRUCTION

WORKSHOP - 3 | 02:30 PM - 04:30 PM
NAVIGATION & VERTEBROPLASTY (SPINE)

5 DECEMBER, 2025 | TAJ WEST END, BENGALURU

**Topic: Beyond the Gimmick: Real-World Applications
of Navigation in Orthopedic Oncology**

Faculty



Dr. Kumaran Rasappan

Consultant Division of Musculoskeletal
Oncology, Department of Orthopedic
Oncology National University Hospital,
Singapore



Dr. Amrithlal A Mascarenhas

Consultant - Spine Surgery
Fellowship in Minimally Invasive
Spine Surgery, Manipal Hospital,
Bengaluru



Dr. Pramod S Chinder

Orthopedic Oncosurgeon
Director & Head, HCG
Bengaluru

Learning Format

- Experience sharing: Practical protocols and outcomes from large case volumes
- Understanding of Navigation Principles – What is navigation? When does it truly make a difference?
- Critical Perspective – Is navigation an essential advancement or a surgical gimmick?
- Workflow Familiarity – Step-by-step overview of system setup and registration protocols.
- Software Mastery – Using the HRS optic-based navigation interface effectively.
- Precision in Practice – Understanding precision-based navigation and its applications in musculoskeletal oncology.
- Special Application Focus – Navigation-assisted Supracetabular Cementing in metastatic pelvic surgery.

Key Highlights

- Introduction: What is Navigation? Value vs Gimmic
- Technical Foundations: How the System Works
- Hands-On Session I: Registration & Calibration
- Hands-On Session II: Navigation in Orthopedic Oncology
- Demonstration: Supracetabular Cementing using Navigation
- Identify appropriate indications of vertebroplasty in oncology
- Plan needle entry trajectory under fluoroscopy
- Select cement formulation based on pathology
- Perform vertebroplasty using controlled cement delivery systems and biomechanics
- Incorporate vertebroplasty into multimodal oncologic

Expected Outcomes

- Develop a working understanding of navigation setup and software handling.
- Perform accurate registration and calibration for oncologic procedures.
- Apply navigation principles to real-world tumour surgery workflows.
- Understand use cases and limitations of navigation in metastatic pelvic lesions.
- Earn a Certificate of Participation (eligible for CME credits, if applicable).

System Demonstration:

HRS Optic-Based Navigation System – Precision optical tracking, real-time tool alignment, enhanced accuracy for complex oncologic anatomy.

Target Audience:

Orthopedic surgeons, residents, fellows, and biomedical engineers interested in image-guided precision surgery and oncology-based navigation systems.

Registration

- Free workshop as part of the Indo-Italian Consensus Meet
- Limited Seats Available – **Pre registration required**



Scan to Register

Click here to
REGISTER NOW

For more details, contact

 **+91 89086 64569**

 **dharmendra@globalhealthcareacademy.in**

 **globalhealthcareacademy.in/iicm**

Hosted by
 **GHA**
GLOBAL HEALTHCARE
ACADEMY

