



Sovereign Medical Ultrasound Training Program - 23rd April 2025

- Venue: School of Medicine- UIB- Hospital Universitari Son Espases
- 23rd April: Morning Session: 9:00 AM 12:00 PM | Afternoon Session: 1:00 PM 4:00 PM. Same Level 1 program delivered each session.

Faculty:

- BSSR Faculty: Dr Edward Sellon, Dr Yaron Berkowitz
- BSSH Faculty: Mr Nick Riley, Mr Chris Little, Ms Sally-Anne Phillips, Mr Jit Sen

23rd April: Basic Hand & Wrist Ultrasound Training & Injection Techniques

- Introduction to Ultrasound in Hand Surgery
 - The role of ultrasound in hand and wrist diagnosis & intervention
 - · Optimising machine settings.
 - Selecting the right transducers and positioning for optimal imaging
- Hand & Wrist Anatomy Under Ultrasound
 - **US to define anatomy-** identify nerves and tendons; follow structures; observe structures moving
 - **US to confirm examination findings** tendon integrity and stability; identify foreign body & position; assess collateral ligament integrity and endpoints; identify solid Vs fluid-filled lesions.
 - **US to enable interventions -** Guided aspiration and injection; nerve blocks.



- Carpal tunnel injection Safe and accurate placement under ultrasound guidance
- Trigger finger injection Identifying the A1 pulley for guided procedures
- CMCJ injection Ensuring accurate targeting of the joint space

Setting Up an Ultrasound-Guided Injection Clinic

- Essential Equipment & Setup
 - o Ultrasound machine & probe selection
 - Consumables, sterility, and patient positioning
- Clinic Workflow & Best Practices
 - Patient selection & indications
 - Documentation & consent considerations
- Integrating Ultrasound into Daily Practice
 - o How to incorporate ultrasound for routine assessments and procedures
- Hands-On Practice & Supervised Scanning
 - Small group scanning sessions with faculty guidance
 - Case-based discussions
- Q&A & Discussion

