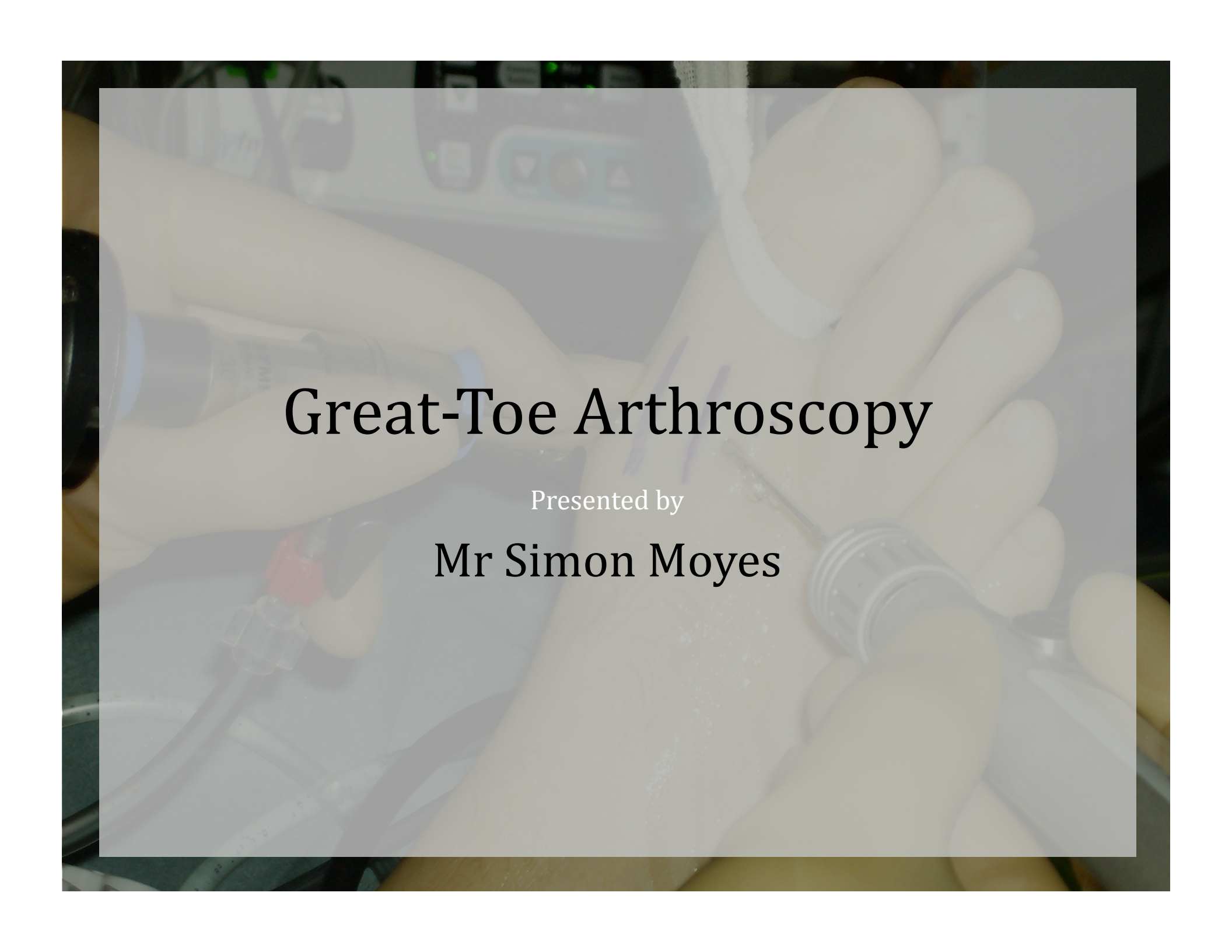


A medical professional is performing arthroscopy on a patient's foot. The foot is held steady by a medical assistant. The surgeon is using a long, thin arthroscopic instrument to view the joint. A small incision has been made in the skin, and the instrument is inserted. The background shows medical equipment and a sterile operating environment.

Great-Toe Arthroscopy

Presented by

Mr Simon Moyes

Great-Toe Arthroscopy

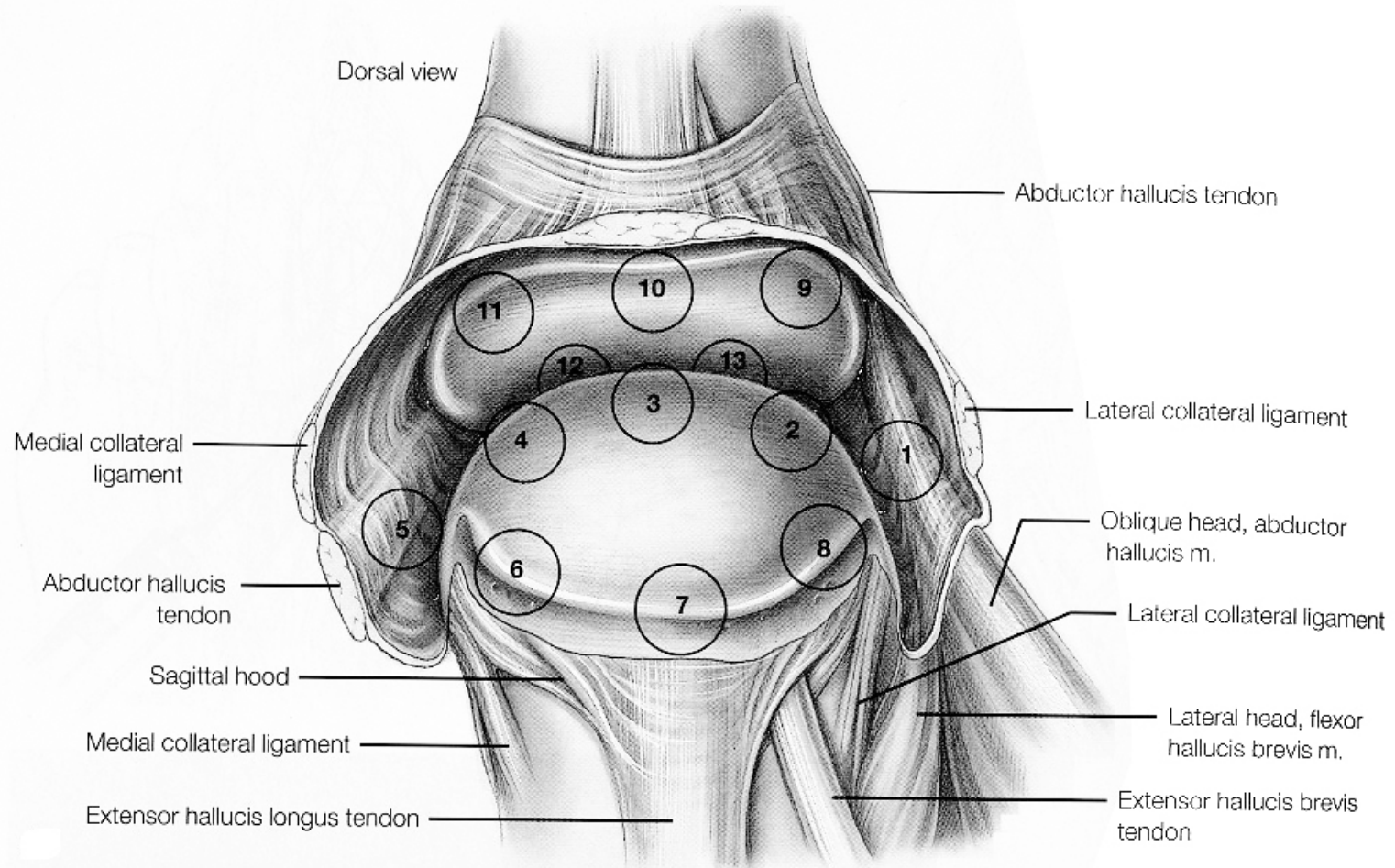
History

- Watanabe 1986 First Description
- Lundeen 1987 Surgical Approaches
- Bartlett 1988 Rx OCD
- Ferkel 1991 AANA First Large Series

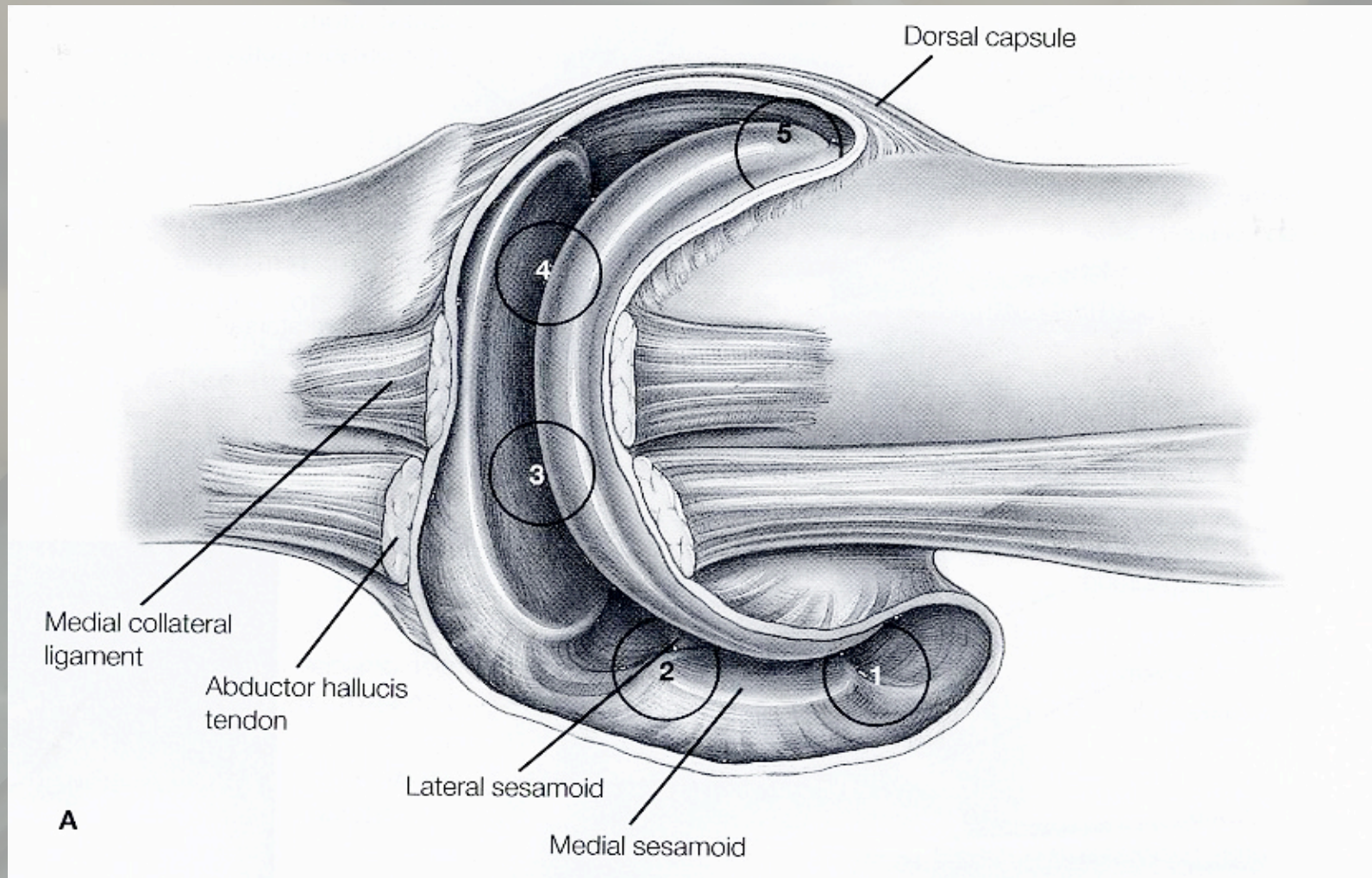
Biomechanics

- First Metatarsal Head
- Base of proximal Phalanax
- Sesamoids
- 60% Body Weight

Anatomy AP



Anatomy LAT



Indications

- Pain
- Swelling
- Stiffness
- Locking
- Grinding

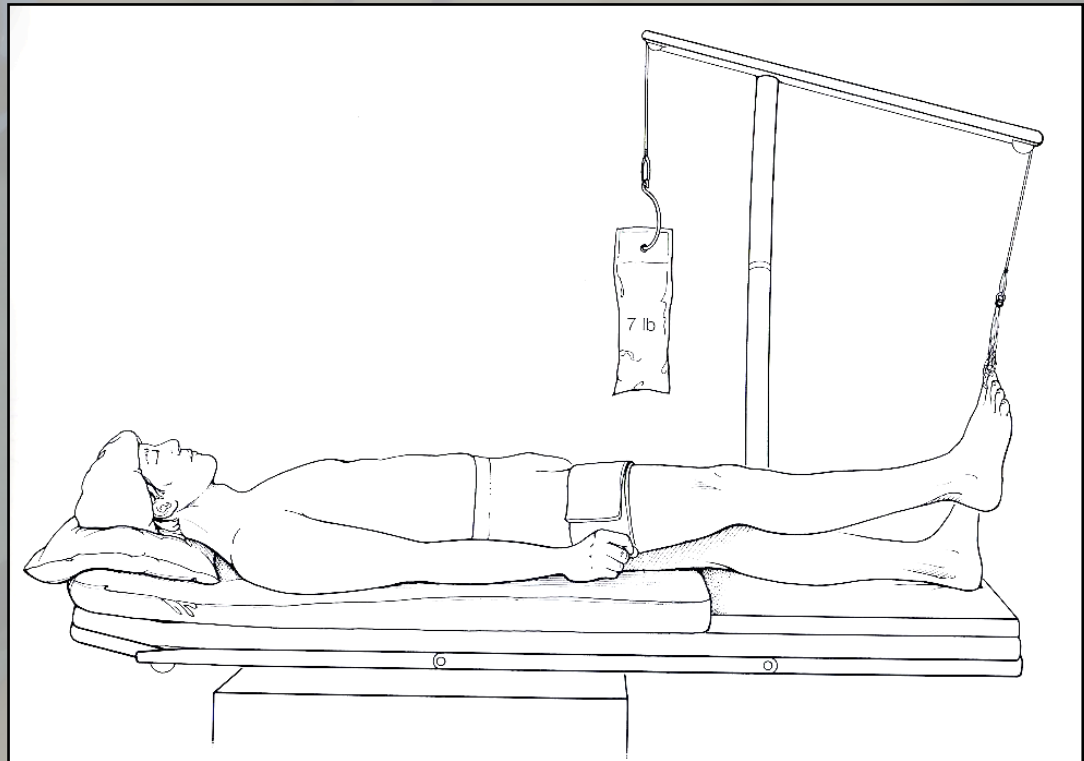
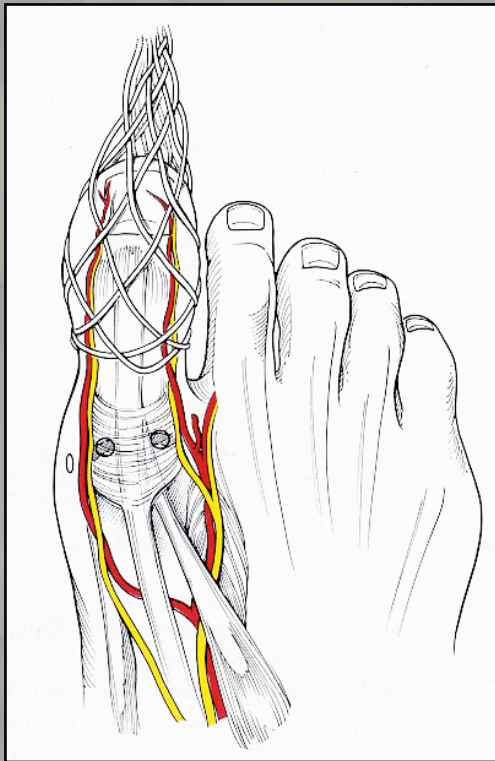
Instrumentation



- Instrumentation Spinal needles
- Probes
- Dissectors - elevating OCD lesions, ossicles
- Graspers - flat-tipped or pitbull for small or large loose bodies (2.7 - 3.0mm)
- Basket forceps - straight, right and left, up and down angles (2.5 - 3.0mm)
- Knives
- Curettes
- Osteotomes
- Power instruments
- Thigh/Ankle holder
- Aiming jigs

Distraction

- Non-invasive
- Finger Trap
- Overhead Shoulder Holder
- 7 Lbs Traction



Diagnosis

- Chondral Defects
- Arthrofibrosis
- Loose Bodies
- Synovitis
- OCDs

Therapeutic

- Synovectomy / Xtal Arthropathy
 - IAA Feb 09 (reduce rate of gout attacks)
- Resection of Arthrofibrosis
 - AANA Aug 06 (Increased ROM)
- Removal of Loose Bodies
- Debridement & Drilling of OCDs
- Cheilectomy
- Arthrodesis
 - Foot-Ankle Clin, March 02
- Hx Valgus Pain
 - IAA October 08

Theatre Setup



Mark Anatomy



Anteromedial Portal



10/09/2009 10:05

Insert Cannula



Insert Arthroscope

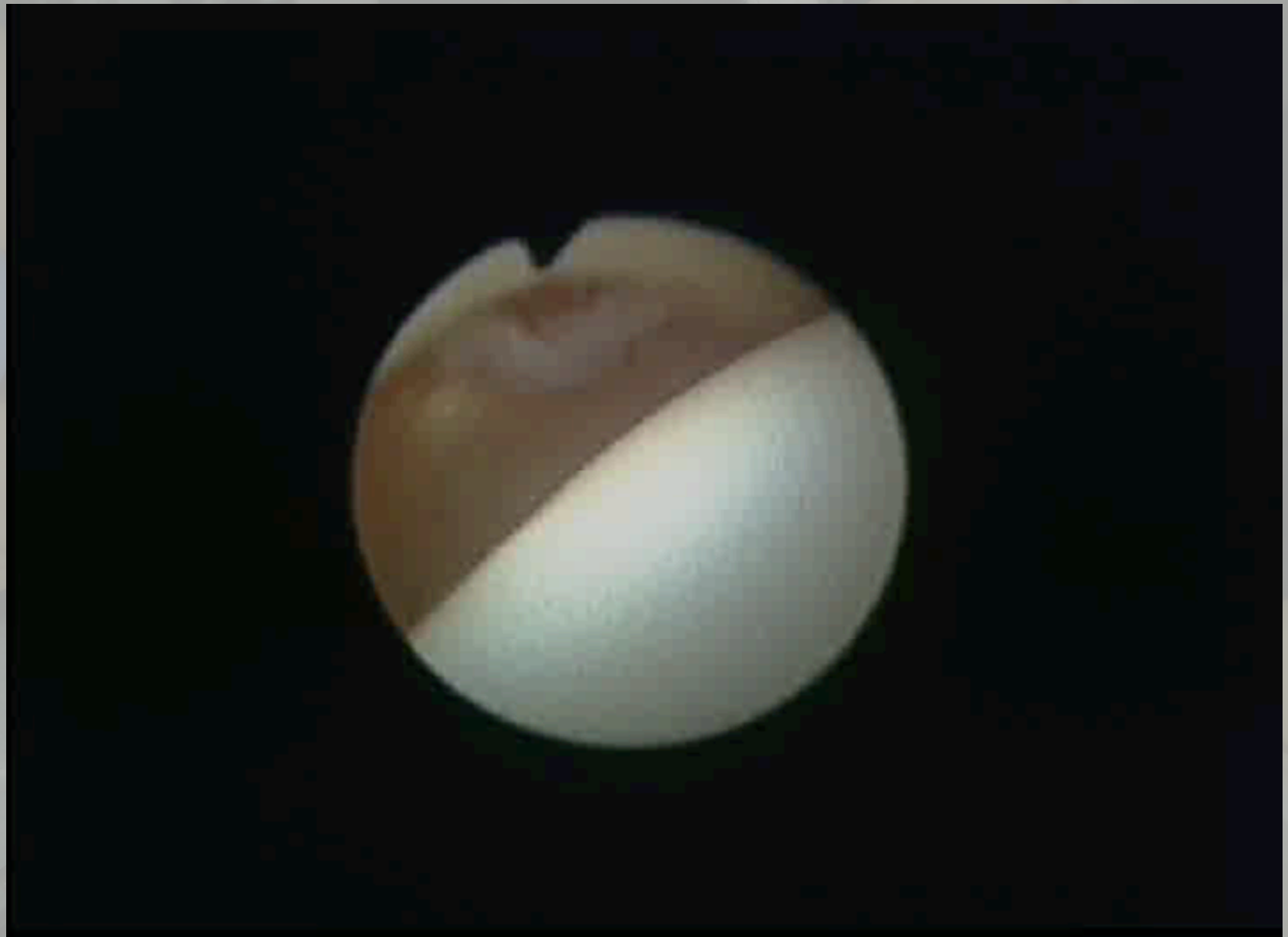


Anterolateral Portal



Both Portals Established

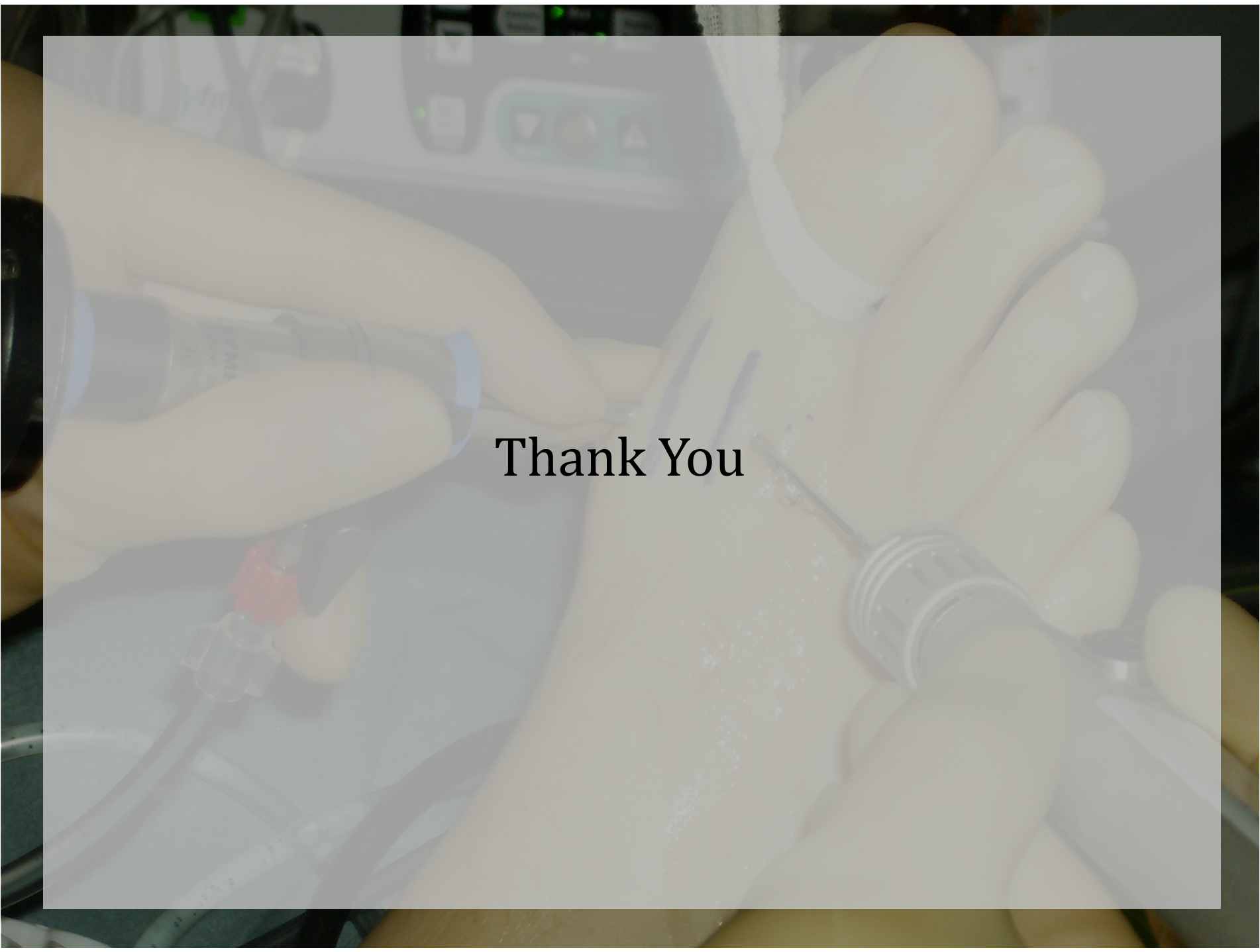






Post Op

- 3.0 Nylon
- Pressure Dressing for 48 Hours
- Clinic Review 10 Days

A photograph of a person's hand, likely a patient, with a medical device attached to their wrist. The device has a blue band and a clear tube. A syringe is also visible, with a needle inserted into the hand. The background shows a medical monitor with green lights. The text "Thank You" is overlaid on the image.

Thank You