

Orthopaedic Microsurgery Laboratory



Overview

The Orthopaedic Microsurgery laboratory is a 400 ft² laboratory devoted to demonstrating and instructing microsurgical skills to surgical residents and fellows in order to improve their surgical competency.

Capabilities

- JHK 3-head surgical microscope with video capture and display
- 3 Zeiss stereo dissection microscopes
- 3 Applied Fiberoptics stereo dissection microscopes
- Sawbones wrist arthroscopy models
- Full complement of microsurgical instruments

Research Projects

- Length, variation, and landmarks of Camper's chiasma
- Effects of collagenase on flexor tendon biomechanical properties

Educational Activities

- Instruction of microsurgical techniques to residents and fellows
- Surgical demonstrations for undergraduate, graduate, and medical students



Individual stereo dissection microscope positioned over wrist model

Laboratory Director

Lawrence C. Hurst, MD