

## **Microvascular Surgery Skills Training 2021**

### **Program Schedule**

#### **Monday**

Work on practice board to become proficient with microscope and get familiar with instruments and basic knot tying. Instructor demonstrates with artificial biotissue tube to simulate arterial anastomosis. The attendees then proceed on his or her own under the direction of the instructor.

#### **Tuesday**

Instructor performs end to end arterial anastomosis in the laboratory rat model. Attendees then perform end to end arterial anastomosis under the direction of the instructor.

#### **Wednesday**

Review previous day's work by checking the anastomosis for patency, if clotted, the vessel is opened to find the technical error. Instructor demonstrates end to end venous anastomosis. Students proceed with venous end to end anastomosis under the direction of the instructor.

#### **Thursday**

Review previous day's work. Instructor demonstrates end to side anastomosis. Students perform end to side anastomosis under the direction of instructor.

#### **Friday**

Review previous day's work. Attendees will do an assessment of skills by performing both end to end artery and venous anastomosis in 2 hours or less. Attendees will also work with the coupler for anastomosis of the vein and neurotubes for epineural nerve repair and are able to work on any anastomosis they choose.