

## MICROSURGERY TRAINING LABORATORY

### Advanced Courses in Microsurgery (1 day)

The advanced courses are geared towards micro-surgeons who are comfortable with the standard end-to-end anastomosis and would like to learn advanced techniques. The advanced course is a modular course and one may choose one or more modules depending on their specific requirements. Each module consists of a short video, practice on a chicken thigh model followed by practice on a rat model.

### Module 1: Back wall up Module (1 day)

0830 - 0900hrs:	Instructional video
0900 – 1030hrs:	Lifelike bio-tissue artery (2mm dia.) – Back wall up
1030-1045hrs:	Coffee Break
1045 – 1300hrs:	Rat dissection and repair (Right femoral artery and vein)
1300 - 1400hrs:	Lunch
1400 – 1700hrs:	Rat dissection and repair (Left femoral artery and vein)

### Module 2: Vein graft module (1 day)

0830 - 0900hrs:	Instructional video – Vein graft anastomosis
0900 – 1230hrs:	Rat dissection and repair (Right side)
1230 - 1330hrs:	Lunch
1330 – 1630hrs:	Rat dissection and repair (Left side)

### Module 3: End to side module (1 day)

0830 - 0900hrs:	Instructional video – End to side anastomosis
0900 – 1230hrs:	Rat dissection and repair (Right side)

1230 - 1330hrs: Lunch

1330 – 1630hrs: Rat dissection and repair (Left side)

**Module 4: Supermicrosurgery module (1 day)**

0830 - 0900hrs: Instructional video

0900 – 1230hrs: Rat dissection and repair (Right epigastric artery and vein)

1230 - 1330hrs: Lunch

1330 – 1630hrs: Rat dissection and repair (Left epigastric artery and vein)



National University  
Hospital