

Verification of Proficiency Module for Arterial Anastomosis SIU Surgical Skills Laboratory

OBJECTIVES: By the end of this module the resident will meet proficiency standards for the performance of:

- End-to-Side Arterial Anastomosis on an 8 mm size Gortex graft.

GUIDELINES FOR PRACTICE

- View the videotape of the expert performance of an end-to-side arterial anastomosis (C. Johnson M.D., SIU)
- Prior to beginning practice, request videotaping of your performance of an end-to-side arterial anastomosis
- Using the performance check list as a guide, begin practice with focus on the mechanics of instrument handling and hand movement
- Complete 10 straight suture lines using 5-0 monofilament suture and a Castro Viejo needle holder. Sutures must be placed 0.5 cm apart.
- Complete the appropriate number of anastomoses on standard arteriotomies to achieve the proficiency of at least 80% of the sutures placed .5mm apart
- Next, practice with focusing on efficiency and economy of motion by observing the time it takes you to complete each anastomosis
- Request to be video taped for your end-to-side arterial anastomosis
Verification of Proficiency

INSTRUCTIONS FOR VERIFICATION FOR PROFICIENCY TESTING

When you believe your practice sessions have resulted in proficiency of arterial anastomosis, you may request to sit for the verification of proficiency videotaped performance from the skills lab personnel. Once this videotape has been completed, it will be submitted to a faculty member for evaluation. Their decision will either verify your proficiency in this skill or recommend further practice.