

**Vascular Anastomosis Evaluation**

**Resident:** \_\_\_\_\_

**Date:** \_\_\_\_\_

| <b>Step</b>  |   | <b>Satisfactory</b>  |  | <b>Comments</b> |   |   |   |   |   |   |  |  |  |  |
|--|---|--|--|-----------------|---|---|---|---|---|---|--|--|--|--|
| Oblique incision in artery 2x diameter of graft lumen with #11 blade   |   | Y  | N  |                 |   |   |   |   |   |   |  |  |  |  |
| Avoids back wall injury to "artery"  |   | Y  | N  |                 |   |   |   |   |   |   |  |  |  |  |
| Cuts end of graft cut into a spatula shape with Metzenbaum scissors  |   | Y  | N  |                 |   |   |   |   |   |   |  |  |  |  |
| Selects correct suture material (5-0 Prolene/Surgipro)   |   | Y  | N  |                 |   |   |   |   |   |   |  |  |  |  |
| Correctly places double-ended suture at heel of anastomosis  |   | Y  | N  |                 |   |   |   |   |   |   |  |  |  |  |
| Securely ties knot on outside of anastomosis at heel   |   | Y  | N  |                 |   |   |   |   |   |   |  |  |  |  |
| Completes back wall of anastomosis (sutures approx 0.5 mm apart)   |   | Y  | N  |                 |   |   |   |   |   |   |  |  |  |  |
| Trims toe of graft to appropriate size at the apex of anastomosis  |   | Y  | N  |                 |   |   |   |   |   |   |  |  |  |  |
| Completes front wall of anastomosis (sutures approx 0.5 mm apart)  |   | Y  | N  |                 |   |   |   |   |   |   |  |  |  |  |
| Securely ties knot on outside of anastomosis at toe  |   | Y  | N  |                 |   |   |   |   |   |   |  |  |  |  |
| <b>Economy of Time and Motion</b>  | <table border="0" style="width:100%; text-align:center;"> <tr> <td style="width:15%;">1</td> <td style="width:25%;">2</td> <td style="width:25%;">3</td> <td style="width:25%;">4</td> <td style="width:10%;">5</td> </tr> <tr> <td>Many unnecessary / disorganized movements</td> <td colspan="2">Organized time / motion, some unnecessary movement</td> <td colspan="2">Maximum economy of movement and efficiency</td> </tr> </table> |  |  |                 | 1 | 2 | 3 | 4 | 5 | Many unnecessary / disorganized movements | Organized time / motion, some unnecessary movement |  | Maximum economy of movement and efficiency |  |
| 1  | 2   | 3  | 4  | 5               |   |   |   |   |   |   |  |  |  |  |
| Many unnecessary / disorganized movements  | Organized time / motion, some unnecessary movement  |  | Maximum economy of movement and efficiency |                 |   |   |   |   |   |   |  |  |  |  |
| <p style="text-align:center;"><b>Final Rating</b></p> <ul style="list-style-type: none"> <li>o Demonstrates competence</li> <li>o Requires further practice</li> </ul> |   | <p style="text-align:center;"><b>Other Summative Comments</b></p> <p style="text-align:right; margin-top: 20px;">Evaluator _____</p> |  |                 |   |   |   |   |   |   |  |  |  |  |