**Operative Performance Rating System (OPRS)**

**LAPAROSCOPIC INGUINAL HERNIA**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Evaluator:** |  | | **Resident:** |  |
| **Resident Level:** | |  | **Program:** |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **Date of Procedure:** |  | | **Time Procedure Was Completed:** |  | | | | **Date Assessment Was Completed:** | |  | **Time Assessment Was Initiated:** | |  | |

Please rate this resident's performance during this operative procedure. For most criteria, the caption above each checkbox provides descriptive anchors for 3 of the 5 points on the rating scale. **"NA" (not applicable) should only be selected when the resident did not perform that part of the procedure.**

**Case Difficulty**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 |
| Straightforward anatomy, no related prior surgeries or treatment |  | Intermediate difficulty |  | Abnormal anatomy, extensive pathology, related prior surgeries or treatment (for example radiation), or obesity |
|  |  |  |  |  |

**Degree of Prompting or Direction**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Substantial Direction  1 | 2 | Some Direction  3 | 4 | Minimal Direction  5 |
| Unable to direct team, use/choose instruments, or anticipate next steps as surgeon or as first assistant without constant attending prompting |  | Actively assists and anticipates own and attending’s needs, performs basic steps with occasional attending direction to resident and/or surgical team. Somewhat hesitant and slow to anticipate or recognize aberrant anatomy, unexpected findings, and/or “slowing down” moments |  | Performs all steps and directs team with minimal direction from attending to either resident or team, i.e., anticipates needs, sets up exposure for self and assistant, transitions fluently between steps, gives clear direction to first assistant, maintains situation awareness, calmly recovers from error and recognizes when to seek help/advice |
|  |  |  |  |  |

**Procedure-Specific Criteria**

Please assess performance and indicate the degree of prompting for **each item.** The assessment score for each item **may differ** from the prompting score for that item.

**Incision / Port Placement**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Poor  1 | Fair  2 | Good  3 | Very Good 4 | Excellent  5 | NA |
| Poor choice of port position; unsafe technique in insertion or removal |  | Functional but somewhat awkward port positioning;  generally safe technique; some difficulty inserting ports |  | Safe, efficient and optimal positioning of ports for procedure and anatomy |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Substantial Direction  1 | 2 | Some  Direction  3 | 4 | Minimal Direction  5 | NA |
|  |  |  |  |  |  |

**Exposure**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Poor  1 | Fair  2 | Good  3 | Very Good 4 | Excellent  5 | NA |
| Poor/inadequate pneumoperitoneum, camera angle and retraction with frequent loss of exposure |  | Adequate establishment and maintenance of pneumoperitoneum, camera angle and retraction but with occasional loss of exposure |  | Optimizes exposure, efficiently directs retraction and camera to maintain exposure and pneumoperitoneum |  |
|  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- |
| Substantial Direction  1 | 2 | Some  Direction  3 | 4 | Minimal Direction  5 | NA |
|  |  |  |  |  |  |

**Elevation of Peritoneal Flap**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Poor  1 | Fair  2 | Good  3 | Very Good 4 | Excellent  5 | NA |
| Poor technique, excessive bleeding and trauma to flap |  | Satisfactory technique but makes closure somewhat difficult |  | Excellent technique, minimal bleeding, flap intact, easy closure |  |
|  |  |  |  |  |  |
| Substantial Direction  1 | 2 | Some  Direction  3 | 4 | Minimal Direction  5 | NA |
|  |  |  |  |  |  |

**Preperitoneal Space**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Poor  1 | Fair  2 | Good  3 | Very Good 4 | Excellent  5 | NA |
| Difficult entrance into peritoneal cavity; difficulty with balloon insertion and inflation |  | Moderate efficiency in balloon insertion and inflation |  | Avoidance of peritoneal injury, careful insertion of balloon and inflation |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Substantial Direction  1 | 2 | Some  Direction  3 | 4 | Minimal Direction  5 | NA |
|  |  |  |  |  |  |

**Reducing the Sac**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Poor  1 | Fair  2 | Good  3 | Very Good 4 | Excellent  5 | NA |
| Poor technique requiring greater than expected time |  | Moderate efficiency in reducing the sac |  | Careful and efficient reduction of the sac |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Substantial Direction  1 | 2 | Some  Direction  3 | 4 | Minimal Direction  5 | NA |
|  |  |  |  |  |  |

**Mesh Insertion**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Poor  1 | Fair  2 | Good  3 | Very Good 4 | Excellent  5 | NA |
| Poor technique and excessive time for mesh insertion and/or inappropriate staple placement |  | Moderately efficient mesh insertion and placement |  | Efficient and  accurate placement with appropriate securing of mesh |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Substantial Direction  1 | 2 | Some  Direction  3 | 4 | Minimal Direction  5 | NA |
|  |  |  |  |  |  |

**General Criteria**

**Instrument Handling**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Poor  1 | Fair  2 | Good  3 | Very Good 4 | Excellent  5 | NA |
| Tentative or awkward movements, *often* did not visualize tips of instrument or clips poorly placed |  | Competent use of instruments, *occasionally* appeared awkward or did not visualize instrument tips |  | Fluid movements with instruments *consistently* using appropriate force, keeping tips in view, and placing clips securely |  |
|  |  |  |  |  |  |

**Respect for Tissue**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Poor  1 | Fair  2 | Good  3 | Very Good 4 | Excellent  5 | NA |
| *Frequent* unnecessary tissue force or damage by inappropriate instrument use |  | Careful tissue handling, *occasional* inadvertent damage |  | *Consistently* handled tissue carefully (appropriately), minimal tissue damage |  |
|  |  |  |  |  |  |

**Time and Motion**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Poor  1 | Fair  2 | Good  3 | Very Good 4 | Excellent  5 | NA |
| Many unnecessary moves |  | Efficient time and motion, some unnecessary moves |  | Clear economy of motion, and maximum efficiency |  |
|  |  |  |  |  |  |

**Operation Flow**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Poor  1 | Fair  2 | Good  3 | Very Good 4 | Excellent  5 | NA |
| Frequent lack of forward progression; frequently stopped operating and seemed unsure of next move |  | Some forward planning, reasonable procedure progression |  | Obviously planned course of operation and anticipation of next steps |  |
|  |  |  |  |  |  |

**Overall Performance (not included in calculation of mean score)**

Rating of very good or higher indicates technically proficient performance (i.e., resident is ready to perform operation independently, assuming resident consistently performs at this level)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Poor | Fair | Good | Very Good | Excellent |
|  |  |  |  |  |

**Please indicate the weaknesses in this resident’s performance:**

|  |
| --- |
|  |

**Please indicate the strengths in this resident’s performance:**

|  |
| --- |
|  |