PySAR

Record ID	_____
Are you completing this as a self-assessment?	◯ Yes ◯ No
Is the surgeon being assessed still in training?	◯ Yes ◯ No
Faculty experience with robot-assisted pyeloplasty (total case numbers in practice post-training):	◯ 0-10 ◯ 11-20 ◯ 21-30 ◯ 31-40 ◯ 41-50 ◯ 51-100 ◯ > 100
Level of surgeon being assessed	◯ Resident PGY-1 ◯ Resident PGY-2 ◯ Resident PGY-3 ◯ Resident PGY-4 ◯ Resident PGY-5 ◯ Resident PGY-6 ◯ Resident PGY-7 ◯ Fellow First Year ◯ Fellow Second Year ◯ Fellow Third Year
Trainee experience with robot-assisted surgery (number of cases participated in):	◯ 0-5 ◯ 6-10 ◯ 11-15 ◯ 16-20 ◯ 20-25 ◯ >25
Case complexity (1= least complex, 10=most complex)	1 5 10 *(Place a mark on the scale above)*

PYSAR:

Novice: Requires step by step instruction and rules to complete a task, has superficial understanding, largely observing

Advanced Beginner: Starting to understand tasks but needs heavy and active "hands on" guidance

Competent: Plans tasks and manages multiple facets of a task with passive "verbal" guidance and supervision

Proficient: Complete understanding, can adapt plan to complete tasks, views task from a holistic view, requires little to no supervision

Expert: Intuitive performance, innate skillset to complete tasks, provides strategic guidance to others

	Novice / Show and Tell	Advanced Beginner / Active Guidance	Competent / Passive Guidance	Proficient / Little to no supervision needed	Expert / Provides guidance	Did not participate

Preoperative Planning: Identification of all supplies, advanced interpretation of preoperative imaging, expert identification of possible anatomical variations for surgical planning.	○	○	○	○	○	○
Patient Positioning, Prep, Draping: Safe and effective positioning, padding, prepping, and draping.	○	○	○	○	○	○
Port Placement and Docking: Port placement technique is safe, effective, and efficient. Port number and location is thoughtful and optimizes space. Insufflation is safely performed. Surgeon efficiently conducts all docking procedures appropriately.	○	○	○	○	○	○
Retroperitoneal dissection / ureteral exposure: Thoughtfully decide on transmesenteric approach versus retroperitoneal exposure with medial mobilization of the colon. Effective exposure is obtained with ample access to structures of importance.	○	○	○	○	○	○
Ureteral dissection: Ureter is identified and dissected with careful attention to avoid injury or devascularization. Identify and dissect crossing vessel when present..	○	○	○	○	○	○
Prepare for UPJ Reconfiguration: Prepares the anatomy to optimize incision on the pelvis (includes hitch stitch), expertly determines appropriateness of dismembered versus non-dismembered pyeloplasty	○	○	○	○	○	○

Anastomosis: Atraumatic anastomosis which mimics principles of anastomosis in open pyeloplasty	◯	◯	◯	◯	◯	◯
Port Removal / Undocking / Closure: Inspects the abdomen for unanticipated organ injury or bleeding, undocking is performed safely, and ports are removed safely. Fascial and skin closures are performed safely and effectively.	◯	◯	◯	◯	◯	◯
Tube Placement (optional): Retrograde versus Antegrade, includes cystoscopy and retrograde pyelogram if performed.	◯	◯	◯	◯	◯	◯

FEASIBILITY QUESTIONS (OPTIONAL IF ALREADY COMPLETED ON PRIOR SURVEY)

Did you review this assessment tool with the surgeon being assessed pre-operatively?
- ◯ Yes
- ◯ No

How long was your pre-operative "brief" to review the rubric with the surgeon to be assessed?
- ◯ 0-5 minutes
- ◯ 6-10 minutes
- ◯ 11-15 minutes
- ◯ 16-20 minutes
- ◯ > 20 minutes

Did you review this assessment with the surgeon being assessed post-operatively?
- ◯ Yes
- ◯ No

What was the duration of your post-operative "debrief" and feedback to review the rubric with the assessed surgeon?
- ◯ 0-5 minutes
- ◯ 6-10 minutes
- ◯ 11-15 minutes
- ◯ 16-20 minutes
- ◯ > 20 minutes

How would you grade the PySAR in clarity?
- ◯ Many unclear and ambiguous terms
- ◯ Few unclear and ambiguous terms
- ◯ Clear and unambiguous

How would you grade the PySAR in terms of length?
- ◯ Too short
- ◯ Just right
- ◯ Too long

The interface (REDCap) used to complete the PySAR is:
- ◯ Very challenging to use
- ◯ Somewhat challenging to use
- ◯ Easy to use