ALL-SAFE Laparoscopic Appendectomy: Psychomotor Skills Assessment

Tasks	Y	N	Comments
Identifies anatomy of appendix, cecum and ileum by pointing *to each* with an instrument			
Carefully grasps and elevates appendix			
Mobilizes appendix by sharply taking down sidewall attachments			
Avoids injury to appendix by excessive grasping or traction			
Creates window in mesoappendix bluntly by spreading with laparoscopic Maryland dissector			
Ligates appendiceal artery by placing figure of eight suture laparoscopically			
Performs intracorporeal knot with a surgeon's knot followed by two additional throws			
Avoids tearing the mesoappendix while placing ligating suture			
Cuts remainder of mesoappendix off of appendix using laparoscopic scissors.			
Places two suture loops/endoloops at base of appendix.			
Transects appendix sharply			
Avoids leaving residual appendix on cecum (<3mm)			
Removes appendix from abdomen			

Global

	1	2	3	4	5
Respect for Tissue	Frequently used unnecessary force on tissue or caused damage by inappropriate use of instruments		Careful handling of tissue/occasionally caused inadvertent damage		Consistently handled tissue appropriately with minimal damage
Economy of Time and Motion	Many unnecessary / disorganized movements		Organized time / motion, but some unnecessary movements		Economy of movements and maximum efficiency
Instrument Handling	Repeatedly made tentative or awkward moves with instruments		Competent use of instruments/occasionally appeared stiff or awkward		Fluid moves with instruments and no awkwardness
Flow of Operation	Frequently stopped operating and seemed unsure of next move		Demonstrated ability for forward planning with steady progression of operative procedure		Obviously planned course of operation with effortless flow from one move to next
Overall Performance	1 Undeveloped	2 Developing	3 Competent	4 Skilled	5 Master

Final Rating: Does this participant demonstrate competency? (*choose only one*) Yes Borderline No	**Other Summative Comments:**