

ALL-SAFE Laparoscopic Diaphragm Repair: Psychomotor Skills Assessment					
Tasks	Yes	No	Comments		
Identifies full extent of tear by indicating ends with instruments					
Places initial suture at corner of the tear					
Performs intracorporeal knot which includes a surgeon's knot followed by two additional throws					
Completes running suture bites that are evenly-spaced along the full length of tear.					
Avoids spacing sutures too widely apart to prevent visible gaps in repair					
Avoids tearing diaphragm from excessive or rough grasping with forceps					
Leaves loop at end to incorporate into final knot					
Using loop, performs intracorporeal knot with a surgeon's knot followed by two additional throws					
Avoids excessive contact or damage to surrounding non-involved tissue (including cloth representing the liver, spleen, and stomach)					
Avoids avulsing diaphragm (mask) from clips					
Safely cuts and removes suture tail with the laparoscopic instrument					
Global					
Respect for Tissue	1 Frequently used unnecessary force on tissue or caused damage by inappropriate use of instruments	2	3 Careful handling of tissue/occasionally caused inadvertent damage	4	5 Consistently handled tissue appropriately with minimal damage
Economy of Time and Motion	1 Many unnecessary / disorganized movements	2	3 Organized time / motion, but some unnecessary movements	4	5 Economy of movements and maximum efficiency
Instrument Handling	1 Repeatedly made tentative or awkward moves with instruments	2	3 Competent use of instruments/occasionally appeared stiff or awkward	4	5 Fluid moves with instruments and no awkwardness
Flow of Operation	1 Frequently stopped operating and seemed unsure of next move	2	3 Demonstrated ability for forward planning with steady progression of operative procedure	4	5 Obviously planned course of operation with effortless flow from one move to next
Overall Performance	1 Undeveloped	2	3 Competent	4	5 Master
Final Rating: Does this participant demonstrate competency? (<i>choose only one</i>)			Other Summative Comments:		
Yes Borderline No					