

**EVALUATION OF INSTRUMENTATION FOR LAP SURGERY -
Laparoscopic Nissen Fundoplication**

		Absolutely necessary to do the procedure	Can proceed without this particular item or item is not normally used for procedure			Instrument that has to be replaced after certain number of usages	Instrument that has disposable parts and re-usable hand piece/handle
	DESCRIPTION	Critical	Non-Critical	Re-usable	Single use	Limited life use	Re-sposable
1	VERESS Needle	X			X		
2	TROCARS						
	Optical Port	X			X		
	Additional Port	X			X		X
	Accessories		X		X		
3	GRASPERS						
	Surgeon	X			X		
	Additional	X		X		X	X
4	DISSECTORS		X	X		X	X
5	PEANUT DISSECTORS		X		....	
6	RETRACTORS	X		X			
7	SCISSORS	X		X	X	X	X
	<i>if used to cut and dissect without harmonic = single use item</i>						
	<i>if used to cut stitches etc but with harmonic = re-use/resposable</i>						
8	ELECTRO-SURGICAL	X		X			
9	SUCTION/IRRIGATION	X		X		X	
10	SUTURING	X					
	Needle holder	X		X			
	Knot pusher	X		X			
	Suturing devices		X				
	<i>Currently some doctors can only tie with such devices. For them it is a critical device. SASES cannot endorse the use of such devices in the long term.</i>						
	<i>SASES supports the phasing out of these in a one year program where surgeons are invited to attend training courses and suggests a training video/DVD for self evaluation.</i>						
11	STAPLING DEVICE		X		X		
	<i>Seldom required but sometimes needed.</i>						
12	COAG/CUTTING						
	Harmonic/Ligasure	X			X		
	<i>Should not be used together with single use scissors.</i>						
13	LIGATION	X					
	Clip applier/Liga Clip	X			X		X
	5mm Clip applier	X			X		X

**EVALUATION OF INSTRUMENTATION FOR LAP SURGERY -
Laparoscopic Appendectomy**

		Absolutely necessary to do the procedure	Can proceed without this particular item or item is not normally used for procedure			Instrument that has to be replaced after certain number of usages	Instrument that has disposable parts and re-usable hand piece/handle
	DESCRIPTION	Critical	Non-Critical	Re-usable	Single use	Limited life use	Re-sposable
1	VERESS Needle	X			X		
2	TROCARS						
	Optical Port	X			X		
	Other Ports	X			X	X	X
	Trocar Accessories		X		X		
3	GRASPERS	X		X		X	X
4	DISSECTORS	X		X		X	X
5	PEANUT DISSECTORS		X		....	
6	RETRACTORS		X	X			
7	SCISSORS		X	X	....	X	X
8	ELECTROCAUTERY		X				
	Hook Dissector		X	X		X	X
	Blades/Balls		X	X		X	X
9	SUCTION/IRRIGATION		X	X			
10	SPECIMEN RETRIEVAL BAGS		X		X		
11	SUTURING		X				
	Needle holder		X	X			
	Knot pusher		X	X			
12	LIGATION		X				
	Liga Clips / Hemolock		X	X	....	X	X
	Endoloop		X		X		
	Suture Material		X		X		
	<i>Clearly one of these modalities are needed to control the appendix stump.</i>						
	<i>It is the surgeon's choice, therefor no single item is regarded as critical.</i>						
	Endostitch or stapler		X	inappropriate			
13	SPECIALIZED CAUTERY / CUTTING		X	inappropriate			
	Ultracision / Ligasure		X	inappropriate			

**EVALUATION OF INSTRUMENTATION FOR LAP SURGERY -
Laparoscopic Inguinal Hernia Repair**

		Absolutely necessary to do the procedure	Can proceed without this particular item or item is not normally used for procedure			Instrument that has to be replaced after certain number of usages	Instrument that has disposable parts and re-usable hand piece/handle
	DESCRIPTION	Critical	Non-Critical	Re-usable	Single use	Limited life use	Re-sposable
1	VERESS needle	X			X		
2	TROCARS						
	Optical	X			X		
	Special design (occlusive)	X			X		
	Other Trocars	X			X	X	X
	Balloon dissection	X			X		
3	GRASPERS		X	X			
4	DISSECTORS		X	X			
5	PEANUT DISSECTORS		X		....	
6	RETRACTORS		X	X			
7	SCISSORS		X	X			
8	ELECTROSURGICAL		X	X			
9	SUCTION/IRRIGATION		X	X			
10	SUTURING		X				
	Needle holder		X	X			
	Knot pusher		X	X			
	Suturing Devices		N/A				
11	FIXATION DEVICES	X			X	X	X
12	MESH	X			X	X	
	<i>Various types at different prices</i>						
	<i>Some preformed meshes with memory - no need for tackers</i>						
13	LIGATION DEVICES						
	Liga clips / Hemolock		X	X	....	X	X
14	SPECIALIZED CAUTERY / CUTTING		X				
	Ultracision/Ligasure		X	not applicable / appropriate			

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**EVALUATION OF INSTRUMENTATION FOR LAP SURGERY -
Thoracoscopic Sympathectomy**

		Absolutely necessary to do the procedure	Can proceed without this particular item or item is not normally used for procedure			Instrument that has to be replaced after certain number of usages	Instrument that has disposable parts and re-usable hand piece/handle
	<u>DESCRIPTION</u>	<u>Critical</u>	<u>Non-Critical</u>	<u>Re-usable</u>	<u>Single use</u>	<u>Limited life use</u>	<u>Re-sposable</u>
1	VERESS needle	X			X		
2	TROCARS						
	Optical	X			X		
	Other Trocars	X			X	X	X
	Accessories				X		
3	GRASPERS		X	X			
4	DISSECTORS		X	X			
	Forceps dissector		X	X	....	
	Hook dissector		X	X	....	X	
5	PEANUT DISSECTORS		X	N/A	....	
6	RETRACTORS		X	X			
7	SCISSORS	X		X	....	X	X
8	ELECTROSURGICAL		X	X		X	
9	SUCTION/IRRIGATION		X	X			
10	SUTURING						
	Needle holder		X	X			
	Knot pusher		X	X			
11	LIGATION DEVICES						
	Clip applier		X		X		
	<i>On occasion there is bleeding and the need for 5mm clips</i>						
12	SPECIALIZED CAUTERY / CUTTING						
	Ultracision/Ligasure/Tissuelink	N/A and Not Appropriate					