

# West Virginia University Laparoscopic Surgery and Endoscopy Curriculum

Name

PGY	Domain	Exercise	Time	Errors	Proficient
PGY-1	FLS	Peg transfer			
		Circle cut			
		Endoloop			
		Intracorporeal Suturing			
		Extracorporeal Suturing			
	FES	Endoscopic Navigation 1			
		Endoscopic Navigation 2			
		Mucosal Evaluation			
	Bimanual Dexterity	Bean Drop			
		Cut the petals exercise			
Unwrap candy-2 edge					
Needle handling	Load - needle hold				
PGY-2	FLS	Peg transfer			
		Circle cut			
		Endoloop			
		Intracorporeal Suturing			
		Extracorporeal Suturing			
	FES	Retroflexion 1			
		Retroflexion 2			
		Using a tool			
		Loop reduction			
	Bimanual Dexterity	Brussel sprout cut			
		Unwrap candy-starburst			
		Unwind red licorice wheel			
	Knot tying exercise	Slip the knot			
	Needle handling	Load the needle - hold suture			
PGY-3	Bimanual dexterity	Brussel sprout cut			
		Unwind red licorice wheel			
	Knot tying exercise	Slip the knot			
		Crural closure model - square knot			
		Crural closure model -sliding knot			
		Crural closure - endostitch			
	Needle handling	Pick up from flat			
Forehand to backhand					

		Thread the needle (various angles)			
PGY-4	Knot tying	Crural closure - sliding			
		Crural closure - endostitch			
	Needle handling	Radial rotation			
	Bowel anastomosis	Enterostomy closure - Endostitch			
		Enterostomy closure - Laparoscopic			
		Anastomosis - Endostitch			
		Anastomosis - Laparoscopic			
Graham Patch	Laparoscopic or endostitch				
PGY-5	Knot tying	Crural closure - sliding			
		Crural closure - endostitch			
	Needle handling	Radial rotation			
	Bowel anastomosis	Enterostomy closure - Endostitch			
		Enterostomy closure - Laparoscopic			
		Anastomosis - Endostitch			
		Anastomosis - Laparoscopic			
Graham Patch	Laparoscopic or endostitch				

## Schedule

Date	Robot year	Lap year
7-Aug	5	1
14-Aug	4	2
4-Sep	2	3
11-Sep	3	4
2-Oct	makeup	makeup
9-Oct	5	1
6-Nov	4	2
13-Nov	2	3
5-Feb	3	5
12-Feb	makeup	makeup
5-Mar	5	1
12-Mar	4	2
2-Apr	3	5
9-Apr	2	4
7-May	1	3
14-May	makeup	makeup