

SURGICAL APPLICATIONS FOR LIGATING CLIPS BY SPECIALITY:

PROCEDURE	TISSUES	Clip Number / Procedure	Size most often used					
			Mi	S	S/M	M	M/L	L
GENERAL SURGEONS								
Cholecystectomy	Cystic artery, cystic duct	4 - 8				X	X	
Splenectomy	Splenic veins, arteries	10 - 15				X	X	X
Thyroidectomy	Thyroid vessels	40 - 50		X	(or) X	X		
Mastectomy	Bleeders, auxiliary lymph node dissection	20 - 80			(or) X	X		
Arterio venous fistula	Side branches	12-18	X	X	X	X		
Vein Stripping / Ligation	Venous side	10 - 30				X	X	
Liver Resection	Hepatic veins, arteries	20 - 40				X	X	
Appendectomy	Mesoappendix, bleeders	4 - 8 (maxi)				X	X	
Pancreatic Resection	Pancreatic ducts and vessels	20 - 40				X	X	
COLON AND RECTAL - GENERAL SURGEONS								
G.I. Resections	Mesenteric / omental bleeders	20 - 50			(or) X	X	X	
Radical Abdominal Surgery	Lymph node, dissection bleeders	50 +		X	X	X	X	
Retroperitoneal Lymphadenectomy	Lymph node	50 +				X	X	
Gastric Surgery	Omental vessels	20 - 70				X	X	
GENERAL AND PERIPHERAL VASCULAR SURGEONS								
Abdominal Aortic Aneurysm	Side branches / bleeders	25 - 30				X	X	
Aorto-Femoral Graft	Side branches	50 - 75				X	X	
Carotid Endarterectomy	Side branches	10 - 20		X	(or) X	X		
Femoral Popliteal Bypass	Saphenous vein / side branches	15 - 40		X	(or) X	X		
Vein Stripping / Ligations	Side branches	10 - 30		X	(or) X	X		
CARDIAC SURGEONS								
Coronary Arterial Bypass	Saphenous vein harvesting / side branches	15 - 50		X	(or) X	X		
	Internal mammary artery harvesting / side branches		X	X				
	Radial artery harvesting		X	X				
Open Heart Procedure	Bleeders	15 - 30				X	X	
NEUROSURGEONS								
Craniotomy	Cranial vessels	12 - 20	X	X	(or) X	X		
Laminectomy	Bleeders	12 - 20	X	X	(or) X	X		
OBSTETRICS / GYNAECOLOGY								
Pelvic Exenterations (Cancer)	Bleeders / Lymph nodes	20 - 200				X	X	

SURGICAL APPLICATIONS FOR LIGATING CLIPS BY SPECIALITY (Cont.):

PROCEDURE	TISSUES	Clip Number / Procedure	Size most often used					
			Mi	S	S/M	M	M/L	L
<i>UROLOGISTS</i>								
Supra pubic Prostectomy	Bleeders / Lymph nodes	50 - 60					X	X
Ileal Conduits	Mesentery / tumor resection	40 - 50					X	X
Cystectomy	Bleeders / node dissection	20 - 50					X	
Renal Transplant	Renal vessels	20					X	
Nephrectomy	Renal vessels	10 - 20					X	
<i>HORACIC</i>								
Pulmonary Resections	Pulmonary / segmental vessels	10 - 20					X	
Thoracic Aneurysm	Side branches	20 -40				X	X	
<i>ORTHOPAEDIC</i>								
Large Open Reductions	Bleeders	2 - 10				X	X	
Joint Replacement	Bleeders	2 - 20				X	X	
Laminectomy	Bleeders	10 - 20	X	X	(or)X	X		
Hand Surgery	Bleeders	5 - 25	X	X	(or)X			
<i>PLASTIC AND RE CONSTRUCTIVE</i>								
Full Thickness Skin Graph	Bleeders	5 - 30	X	X	(or)X	X		
Hand Surgery	Bleeders	5 - 25	X	X	(or)X			
<i>ENT.</i>								
Tonsillectomy (ABSORBABLE)	Tonsil bleeders	6 - 8				X	X	
Radical Neck Dissection	Bleeders / Lymph node dissection	20 - 60	X	X	(or)X	X		

IN VIRTUALLY ALL PROCEDURES, METALLIC CLIPS CAN BE USED AS MARKERS