

**EINSTEIN HEALTHCARE NETWORK
DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE
MSBOS: MAXIMAL SURGICAL BLOOD ORDERING FOR SURGICAL PROCEDURES**

GENERAL SURGERY		GENERAL SURGERY	
Adrenalectomy	T/S	Laparoscopic Adrenalectomy	T/S
Amputation	T/S	Laparoscopic Colectomy	T/S
Bilateral Tram-Flap	T/S	Laparoscopic Gastric Bypass	T/S
Colectomy	T/S	Laparoscopic Sleeve Gastrectomy	T/S
Colectomy, Subtotal Resection	T/S	Laparoscopy	T/S
Colectomy, Total or Abdominal Perineal Resection	T/S	Laparotomy, Exploratory	T/S
Common Bile Duct Exploration	T/S	Liver Resection	2
Esophagectomy	2	Liver Transplant	5
Esophagogastrectomy	2	Pancreatectomy	2
Gastrectomy Total or Subtotal	T/S	Small Bowel Resection	T/S
Gastric Bypass	T/S	Splenectomy	2
Hiatal Hernia Repair	T/S	Thyroid	T/S
Kidney & Pancreas Transplant	T/S	Vagotomy and Pyloroplasty	T/S
Kidney Transplant	T/S	Whipple	2
CARDIO THORACIC AND VASCULAR SURGERY		CARDIO THORACIC AND VASCULAR SURGERY	
AAA (aorta bifem)	2	Femoral-popliteal bypass	T/S
AICD	T/S	Impella Implant	2
Amputation, A/K, B/K	T/S	Left ventricle assist device [LVAD]	2
Angioplasty Aortic or Peripheral	T/S	MidCabg	2
Aorto-iliac Bypass	2	MVR (all MVRs)	2
AVR (all AVRs)	2	Peripheral Artery Bypass/ Repair	T/S
CABG (all CABGS)	2	Porto-Caval Shunt	2
Carotid Endarterectomy	T/S	PTCA	T/S
Coil embolization of artery	2	Robotic VATS	2
Embolectomy	T/S	Robotic VATS, Lung Resection	2
Endovascular aortic aneurysm repair [EVAR]	2	TAVR	2
Femoral Artery Repair	T/S	Thrombectomy	T/S
Femoral endarterectomy	2		
NEUROSURGERY / ENT		NEUROSURGERY / ENT	
Anterior/Posterior cervical decompression fusion(ACDF)	T/S	Laminectomy	T/S
Burr hole	T/S	Laminectomy Decompression	T/S
Craniotomy	2	Radical Neck Dissection	T/S
Foraminectomy	T/S	Thoracic or Lumbar Spinal Fusion	2
Foraminotomy	T/S	Transphenoidal Hypophysectomy	T/S
Hypophysectomy	T/S	VP Shunt	T/S
Intracranial aneurysm	2		
OBSTETRICS AND GYNECOLOGY		OBSTETRICS AND GYNECOLOGY	
Abortion/Therapeutic (D&E)	T/S	Pelvic Lymph Node Dissection	T/S
Caesarean Section	T/S	Radium Implant	T/S
Cervical Cerclage	T/S	Robotic Laparoscopy	T/S
Hysterectomy, LAVH Abdominal/Vaginal	T/S	Salpingo-oophorectomy	T/S
Hysterectomy, Radical	2	Uterine Suspension	T/S
Laparoscopy	T/S	Vaginal, AP Repair	T/S
Myomectomy	T/S	Vaginectomy	T/S
Oophorectomy	T/S	Vesico or Rectal-Vaginal (Fistula Rep.)	T/S
Ovarian Wedge Resection	T/S	Vulvectomy, (Radical/Total)	T/S

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ORTHOPAEDIC SURGERY		ORTHOPAEDIC SURGERY	
Amputation	T/S	Total Hip Arthroplasty	T/S
Anterior cervical decompression (ACDF)	T/S	Total Hip - Primary	T/S
Bipolar Prosthesis - Hip Fracture	T/S	Total Hip - Revision	T/S
Femur nail	T/S	Total Knee - Primary	T/S
Hip Nailing	T/S	Total Knee - Revision	T/S
Intramedullary Rodding / Femur	T/S	Total Shoulder - Primary	T/S
ORIF of the Pelvis	2	Total Shoulder - Revision	T/S
ORIF femur	T/S	Total Shoulder - Revision	T/S
Posterior Scoliosis Fusion	2		
THORACIC SURGERY		THORACIC SURGERY	
EBUS	T/S	Pneumonectomy	2
Lobectomy / Thoracotomy	2	Sternotomy	2
Mediastinoscopy	2	VAT / Thoracoscopy	T/S
Mediastinal Exploration	2	VAT / Possible Thoracotomy	T/S
UROLOGY		UROLOGY	
Adrenalectomy	T/S	Prostatectomy - Suprapubic	T/S
Cystectomy	T/S	Prostatectomy – Transurethral (turp)	T/S
Laparoscopic Adrenalectomy	T/S	Prostatectomy	T/S
Laparoscopic Nephrectomy	T/S	Radical Cystoprostatectomy	2
Nephrectomy	2	Radical prostatectomy	2
Nephrectomy with caval thrombus	2	Renal cryosurgery	T/S