

SURGICAL PROCEDURE SUGGESTED BLOOD ORDER SCHEDULE 2/2022

Abdominal Aortic Aneurysm Repair Open	4U	Laryngectomy	T&S
Abdominal Perineal Resection	2U	Liver, resection	4U
ACDF > 2 levels	T&S	Lobectomy	2U
ACDF 1-2 levels	PRN	Lumbar decompression	T&S
Adrenalectomy(laparoscopic)	T&S	Lumbar laminectomy	T&S
Adrenalectomy (open)	2U	Lumbar/Thoracic spine primary 1-3 lev.	T&S
Amputation, above knee	T&S	Lumbar/Thoracic Spine (extensive, Ant. and Post., or >3)	2U
Amputation, below knee	T&S	Mastectomy	PRN
Aortic valve replacement	2U	Maxillary jaw surgery	T&S
Aortobifemoral bypass	2U	Mediastinoscopy	T&S
Aorto-iliac bypass graft	2U	Mitral valve repair	2U
Arthroplasty, Hip/Knee, Shoulder	T&S-2U	Mitral valve replacement	2U
Atrial septal defect repair	2U	Nephrectomy	2U
Bilateral Knee or Hip	T&S	Nephrostomy	T&S
Bilateral salpingo-oophorectomy	T&S	Nephroureterectomy	4U
Biopsy Liver	T&S	Ovarian surgery (open)	T&S
Bone graft	T&S	Open reduction internal fixation, hip	1U
Bowel resection	T&S	Open reduction of fracture	T&S
CABG	2U	Osteotomy	T&S
Cervical laminectomy/decompression	T&S	Open Shoulder Repair/Reconstruction	T&S
Cesarean section	T&S	Pancreatectomy	2U
Cholesystectomy	T&S	Parathyroidectomy	PRN
Colectomy	T&S	Parotidectomy	PRN
Colostomy closure (Hartman Reversal)	PRN	Pericardectomy	2U
Craniotomy/ Burr Holes for decompression	T&S	Pituitary tumor resection	T&S
Craniotomy for Aneurysm/Tumor/ AV Malformation Repair	2-4U	Pneumonectomy	2U
Embolectomy	T&S	Popliteal/Tibial bypass graft	T&S
Endarterectomy	T&S	Prostatectomy (laparoscopic)	T&S
Endovascular AAA	T&S	Prostatectomy (robotic)	PRN
Enterostomy	T&S	Prostatectomy (transurethral)	PRN
Esophagectomy	2U	Posterior Cerv. Lami Decomp. 1-2 levels	T&S
Esophagogastrectomy	2U	Posterior Cerv. Lami Decomp. >2 levels	T&S
Exploratory laparotomy	T&S	Radical neck dissection	2U
Femoral bypass graft	T&S	Revision Knee, Hip, Shoulder	T&S
Gastrectomy	2U	Revision Lumbar/Thoracic Spine 1-2 lev	T&S
Gastric bypass	T&S	Revision Lumbar/Thoracic Spine > 2	2U
Glossectomy	T&S	Saphenous vein graft resection	T&S
Hemicolectomy	T&S	Shoulder Repair or Reconstruction	T&S
Hip replacement	T&S	Shoulder Replacement	T&S
Hysterectomy	T&S	Splenectomy	T&S
Ileostomy	T&S	Thoracotomy, biopsy	T&S
Intramedullary Roding	T&S	Transurethral resection prostate	T&S
Total Knee replacement	PRN	Tricuspid valve replacement/repair	2U
Laparotomy, exploratory	T&S	Video-assisted thoracoscopic surgery (VATS)	T&S
Laparoscopic surgery	PRN	Vulvectomy	T&S

** Physiologic risk associated with anemia and hypovolemia in the presence of anesthesia must be considered in ALL cases.

A patient should not present to the O.R. without blood available for transfusion if they are actively bleeding or have a Hct < 24 (Hgb <8) {Higher for patients with CAD}

** RISK assessment requires consideration of multiple factors:

- Anemia (Hgb lower than lab range)
- Thrombocytopenia (Platelet count lower than lab range)
- Elevated INR or PTT (Coagulopathy) (INR or PTT higher than lab range)
- Inherited or acquired clotting disorder
- Anticipated extensive or difficult surgery
- Prolonged surgical time
- Presence of significant Cardiac or Pulmonary disease
- History of prior blood transfusion (presence of antibodies)
- End Stage Renal Disease
- Morbid Obesity
- Advanced Age
- Recent use of Aspirin/platelet inhibitor