

Condition		Testing	Time Frame
BLOOD	Procedures MSBOS* indicates T/S, T/C	H&H, Plts, T/S or T/C	Within 45 days of surgery
	Anemia	H&H	Within 45 days of surgery
	Bleeding Disorder	H&H, Plts, PT INR, PTT	Within 45 days of surgery
	Vascular Disease (Carotid, PVD, AAA)	ECG	Within 6 months of surgery
METABOLIC	Diabetes	BUN, Cr, Glucose, HbA1c	Within 3 months of surgery
		ECG	Within 6 months of surgery
		Glucose (accu-check)	AM morning of surgery
HEART/VASCULAR	Hypertension	Na, K, BUN, Cr	Within 6 months of surgery
		ECG	
	Arrhythmia	ECG	Within 6 months of surgery
	Congestive Heart Failure	H&H, Lytes, BUN, Cr	Within 45 days of surgery
		ECG	Within 6 months of surgery
	Coronary Artery Disease	H&H	Within 6 months of surgery
		ECG	
	Valvular Heart Disease	H&H, Plts	Within 6 months of surgery
		ECG	
LUNGS	Major respiratory infection within 30 days (Pneumonia/Bronchitis)	Chest X-ray	Within 30 days of surgery
	Pulmonary Disease (COPD, OSA, IPF)	ECG	Within 6 months of surgery
LIVER/KIDNEY	Hepatic Disease Active (Cirrhosis, Hepatitis, NASH)	H&H, Plts, CMP, PT INR, PTT,	Within 45 days of surgery
	Dialysis, Chronic Kidney Disease (CKD)	H&H, Plts, Na, K, BUN, Cr	Within 45 days of surgery
		Na, K, BUN, Cr	AM morning of surgery
		ECG	Within 6 months of surgery
SUBSTANCES	Current ETOH Abuse	H&H, Plts, CMP, PT INR, PTT, Tox Screen	Within 45 days of surgery
		ETOH level	AM morning of surgery (only if impaired morning of surgery)
	Current Illicit Drug Use Excluding marijuana and RX opioids	H&H, Plts, Na, K, BUN, Cr Tox Screen	Within 45 days of surgery
		Toxicology Screen	AM morning of surgery (only if impaired morning of surgery)
SPECIAL	Chemo or Immuno Therapy within past year and/or Immunosuppression	CBC, Diff, Plts, Na, K, BUN, Cr, Liver Enzymes	Within 45 days of surgery
		ECG	Within 6 months of surgery
	Difficult Airway and/or personal or family history of Malignant Hyperthermia		Anesthesia Notification
	Pregnancy		
MEDICATIONS	Diuretics	Na, K, BUN, Cr	Within 45 days of surgery
		ECG	Within 6 months of surgery
	Digoxin	Na, K	Within 45 days of surgery
		ECG	Within 6 months of surgery
	Coumadin	PT INR	AM morning of surgery

Notes

Routine testing is not necessary for low-risk procedures e.g., cataracts, colonoscopies, endoscopies, or cystoscopies unless deemed necessary by the anesthesiologist.

H&P: within 30 days/update within 24 hours of surgery.

Consent: Within 90 days of surgery.

Otherwise healthy patients do not require testing unless procedure requires

T&S or T&C per [*Maximum Surgical Blood Ordering Schedule \(MSBOS\) guidelines](#).

MSBOS: Recommendations for blood bank testing/products is available on OR schedule. T&S or T&C requires ABO Check Sample if no historic type is available in database.

These guidelines are for routine testing. Specialized testing should be ordered at the discretion of the physician and clinical indication should be written in the order. These guidelines do not apply to pediatric patients.