

ANESTHESIA PROTOCOL TESTING

Clinically Indicated Labs (Clinically relevant < 4 months old)

- H&H** §
 - Recommended: All MODERATE & HIGH RISK Surgery
 - Pts for surgery if Hx of anemia
(HCT<39 (HB=13) men & HCT<36 female (Hb=12))
 - Strongly consider for all Renal Pts having MODERATE & HIGH RISK Surgery

- CBC** §§
 - WBC &/or PLT is Desired in addition to H&H
 - PLT count if Hx of thrombocytopenia, liver disease, blood cancer
 - PLT count if neuraxial (epidural or spinal) anesthesia is planned
 - PLT count if spine surgery

- Potassium** §§
 - More cost effective K+ test prior to surgery for Hemodialysis patients

- Sodium** §§

- CR** §§
 - Measure Creatinine >65 y/o for MODERATE & HIGH RISK Surgery
 - Intra-op hypotension is anticipated
 - Nephrotoxic medication is possible
 - Intravenous contrast dye is planned

- BMP** §§§§§
 - Current use of a diuretic, ACE (-) or ARB, Known chronic kidney disease

- Hepatic Function Panel** §§§§
 - LFTs (Hx of Cirrhosis or suspected acute liver disease)

- CMP** §§§§§
 - If Liver Function Tests, Magnesium, Calcium are all desired

- PT/PTT** §§§
 - PT / PTT order only if bleeding disorder is suspected based on Hx (liver disease), Physical Exam, and family Hx (even for neurosurgery)
 - Patient has not been able to stop anticoagulant medications prior to surgery (Not needed for Aspirin)

- UA / REFLEX CULTURE** §§
 - Reasonable Order for prosthetic Surgery
 - (Conflicting evidence if cost effective in non-prosthetic surgery)

- Type & Screen** §§§§
 - Head, Spine, Hysterectomy, Total Joints, Anemia Hx, and HIGH RISK Surgery

- Prepare Leukoreduced RBCs**
 - (free, only charged if patient is transfused, order includes one cross-matched unit)
 - Significant blood loss possible or HIGH RISK Surgery
 - Must be in 72hrs prior to procedure if Transfused or pregnant in last 3 months
 - Otherwise can be up to 14 days prior to procedure

- Preprocedure COVID-19 Clearance** §§

Clinically Indicated Labs (cont.) (Clinically relevant < 4 months old)

- ABO/Rh** §§

- Urine Pregnancy** §
 - (Suggested in all reproductive age women)

- hCG Serum Pregnancy** §§§§
 - (Urine Pregnancy Testing Cheap & Rapid Results)

- Carbamazepine Level** §§§§

- Valproic Acid Level** §§

- TSH** §§§§§
- Free T4** §§

EKG (Clinically relevant < 6 months old)

- EKG for every patient age ≥80 y/o (regardless of risk level)

- EKG for patient age <80 y/o:
 - Not Recommended: Asymptomatic pts for LOW RISK Surgery
 - Recommended: pts with known CAD, CHF, CVA, PVD, arrhythmia, structural heart disease for MODERATE RISK Surgery
 - Recommended: Asymptomatic pts for HIGH RISK Surgery
 - Recommended: UNCONTROLLED HTN SBP >180 mmHg /OR DBP>110 mmHg
 - Recommended: Morbidly obese pts (BMI>40) with one risk (HTN, HLD, DM, SMOKER,METS<4) for MODERATE & HIGH RISK Surgery

X-ray Chest 2 view (Clinically relevant < 6 months old)

- Recommended: Morbidly obese pts (BMI>40) with one risk (HTN, HLD, DM, SMOKER,METS<4) FOR MODERATE & HIGH RISK Surgery (looking for undiagnosed CHF, P-HTN, Cardiac Chamber enlargement)

- pts with UNCONTROLLED cardiopulmonary disease
- pts >50 y/o for Abdominal Aortic Aneurysm Surgery
- pts >50 y/o for Upper Abdominal & Thoracic Surgery

- X-ray Spine Cervical 2 or 3 View**

Patient Name _____	
Pt DOB _____	MHD# _____
Physician Signature _____	
MD Printed Name _____	Date & Time _____