

Pre-Op Testing Criteria, MMCI

		Within 30 days of procedure unless noted otherwise						
	Finding	Procedure / Notes	EKG/CXR	CBC	BMP	CMP	Coag	Other
Exam								
	Rales / Rhonchi	(all)	CXR					
	Tracheal Deviation	(all)	CXR					
	Irregular Heartbeat / Pulse	(all)	EKG					
Symptom - now or past 6 months***								
	***unless clearly from non-cardiac problem							
	Angina/Chest Pain	(all)	EKG					
	Dyspnea	(all)	EKG & CXR					
	Orthopnea/Nocturnal Dyspnea	(all)	EKG					
	Leg swelling, increased	(all)	EKG					
History								
Respiratory								
	Suspected Pneumonia	(all)	CXR					
	Pulmonary Masses, if possibly causing obstruction or mass effect		CXR					
	Tracheal Deviation	(all)	CXR					
	Pulmonary Htn, "moderate or severe"	(all)	CXR					
	COPD requiring home Oxygen	Low risk Procedure						
	COPD requiring home Oxygen	Int/High risk Procedure	EKG					
Cardiovascular (Includes treated conditions, including prior CABG or angioplasty/stent)								
	Coronary Artery Disease, asymptomatic	Low risk Procedure	<i>NO EKG if asympt.</i>					
	Coronary Artery Disease, asymptomatic	Intermed/High risk Proc.	EKG					
	Valvular Heart Disease except MVP	(all)	EKG					
	Congestive Heart Failure / Cardiomyopathy	(all)	EKG					
	Cong. Heart Failure, Active/Current	(all)	EKG & CXR					
	Hypertension	Low/Intermed. Risk Proc.	<i>NO EKG</i>					
	Hypertension	High Risk Procedure	EKG		BMP			
	Peripheral Vascular (Arterial) Disease	(all)	EKG					
	Stroke or Cerebrovascular Disease	(all)	EKG					
	Pacemaker	(all)	EKG					
	Arrhythmia	(all)	EKG					
Endocrine / Metabolic								
	Diabetes NOT requiring Insulin	Low risk Procedure	<i>NO EKG</i>					Accu-check day of procedure
	Diabetes NOT requiring Insulin	Intermed/High risk Proc.	<i>NO EKG</i>			BMP		Accu-check day of procedure
	Diabetes requiring Insulin	Low risk Procedure	<i>NO EKG</i>			BMP		Accu-check day of procedure
	Diabetes requiring Insulin	Intermed/High risk Proc.	EKG		BMP			Accu-check day of procedure
	<i>**NOT prior gestational nor induced diabetes</i>							
	Malabsorption / Poor Nutrition / Cachexia	Low risk Procedure						
	Malabsorption / Poor Nutrition / Cachexia	Intermed/High risk Proc.	EKG	CBC	BMP			

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Hepatic								
Hepatitis B or C (not A)	if any suspicion is still active				CMP	Coag		
Alcoholic or Drug-induced Liver Disease					CMP	Coag		
Tumor infiltration					CMP	Coag		
Cirrhosis			CBC		CMP	Coag		
Renal Disease								
Renal Insufficiency/Chronic Kidney Disease	Low risk Procedure							
Renal Insufficiency/Chronic Kidney Disease	Intermed/High risk Proc.		CBC	BMP				
Renal Failure, requiring Dialysis	Low risk Procedure			BMP			BMP day of proceure IF more than 36 hours post-dialysis	
Renal Failure, requiring Dialysis	Intermed/High risk Proc.	EKG	CBC	BMP				
Hematologic								
History of Clotting Disorder			CBC			Coag		
Taking Coumadin / Anticoagulant						Coag		
Sickle Cell Dz or Thalassemia Major	<i>NOT trait / heterozygous</i>		CBC					
Anemia, if cause not completely resolved			CBC					
Leukemia / Lymphoma, if active			CBC					
Medications								
Anticoagulant						Coag		
Diuretic				BMP				
Insulin and Oral Diabetic Meds, even if not diabetic							Accu-check day of procedure	
Cancer Chemotherapy in past 2 months			CBC					
Rheumatoid Arthritis, if causing disablilty or visible deformity		EKG	CBC	BMP			Odontoid & Flex/Ext neck XRs	
Reproductive								
Woman/girl aged 10 to 50	omit if s/p hysterectomy						UCG/HCG day of procedure	
Surgical Procedure								
Spinal or Regional anesthetic	taking anticoagulant						Coag - day of procedure	
Patient taking Anticoagulant	Planned Anesthetic = Spinal or Regional						Coag - day of procedure	
Thoracotomy/Thoracoscopy			CBC				PFT's	
Vascular (art) Procedure	incl. illiac art, aorta, carotid	EKG	CBC					
Total Joint Replacement			CBC					
Special, Low-risk, Minimal testing procedure								
Cataract and Corneal procedures (later, consider adding other procedures)		No testing except Accu-check, Pregnancy, or Coag						
To surgeons/physicians:								
Our criteria do not cover all possible clinical situations.								
Please continue testing patients as medically/surgically indicated, according to your clinical impression and judgement (examples: CBC for possible anemia, calcium level for parathyroid disorder, type and crossmatch for possible bleeding)								

Procedural Risk for Pre-Op Testing Purposes

Note: testing criteria apply if procedure is scheduled as "possible"

High-Risk Procedures

Arterial Procedures, including peripheral vascular, carotid, aortic, and endovascular
Venous procedures involving torso and neck
Craniotomy
Intrathoracic procedures, including thoracoscopy, thoracotomy, and mediastinoscopy
Mastectomy with reconstruction
Hepatic procedures, but NOT procedures on biliary tract
Bowel Resection and Splenectomy, incl. laparoscopic/robotic
Pelvic debulking or node dissection, incl. laparoscopic/robotic
"Major" / Complex Spine Cases
Total Joint Arthroplasty

Intermediate-Risk Procedures

Dialysis Access procedures
Head and Neck procedures except craniotomy or vascular procedures
Mastectomy without reconstruction
Intraperitoneal Procedures, incl. laparoscopy, except as listed above
Prostate procedures
Orthopedic Procedures, bone and joint, except as above and below

Low-risk Procedures

Superficial procedures involving skin and associated structures
ECT
Vitreotomy and Eye Procedures except as below
Breast procedures except mastectomy
Gastrointestinal endoscopy
Gynecologic procedures outside of peritoneum
Wrist/Hand and Foot procedures
Peripheral Nerve procedures (transposition, release, repair.)

Special Low-Risk Procedures

Cataract repair and Corneal procedures