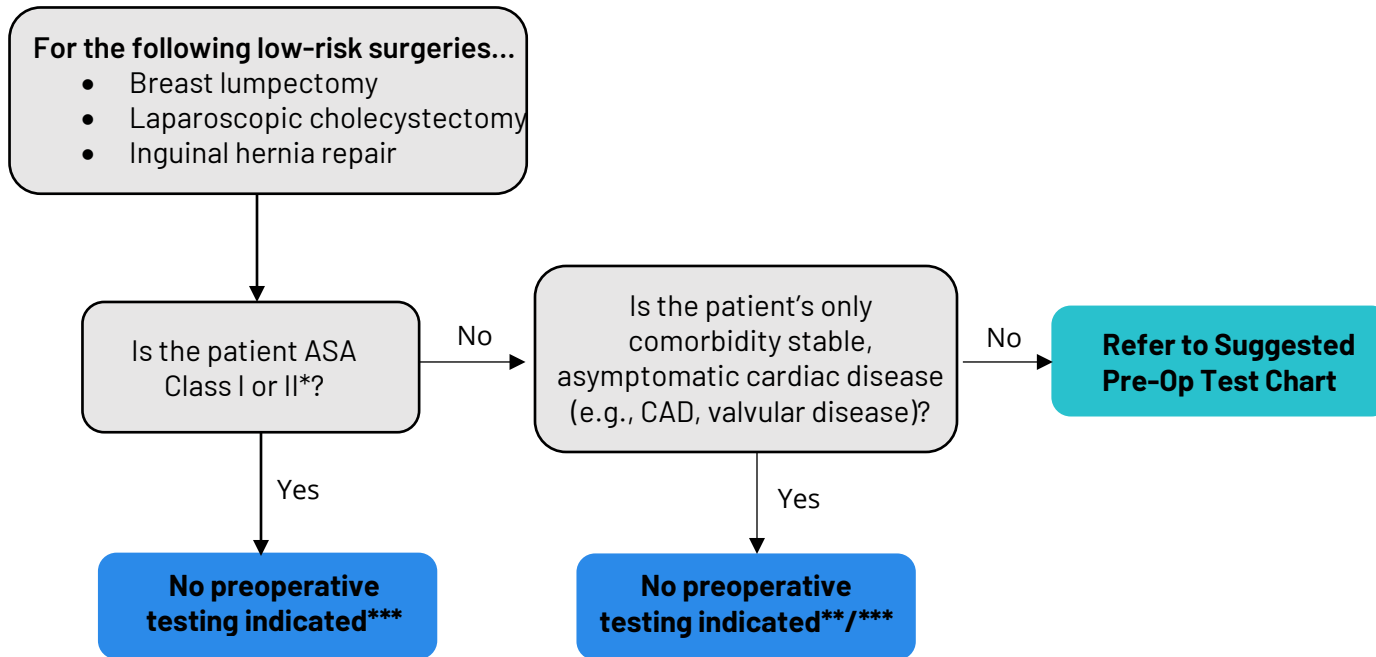


Insert your hospital logo here



This resource was developed in partnership with MPOG, MPrOVE, MSQC, and MVC.

Suggested Preoperative Testing Decision Aid for Low-Risk Surgeries



*American Society of Anesthesiologist (ASA) Physical Status Classification System:

ASA Class I: Normal healthy patient. Non-smoking, no or minimal alcohol use, no acute or chronic disease, normal BMI.

ASA Class II: Mild systemic disease without substantive functional limitations. Current smoker, obesity (30<BMI<40), well-controlled DM/HTN, mild lung disease.

ASA Class III: Severe Systemic disease with substantive functional limitations, poorly controlled DM/HTN, COPD, morbid obesity (BMI ≥ 40), active hepatitis, alcohol dependence or abuse, pacemaker, moderate reduced EF, ESRD on dialysis, prior MI, CVA, TIA, or CAD/stents > 3 months ago

**May consider EKG if none available within the past ~6 months

***Except recent (3-6 months) potassium if on diuretic

All recommendations in this document pertain to non-pregnant, adult patients undergoing low-risk procedures. They do not replace clinical judgment and are intended as guidance only.

Insert your hospital logo here



This resource was developed in partnership with MPOG, MPROVE, MSQC, and MVC.

Suggested Preoperative Tests for Patients Undergoing Low-Risk Surgery Who Are ASA III or Above

This chart does not replace clinical judgment and is intended as guidance only

	CBC	T&S	BMP	LFTs	INR/PT/PTT	EKG
History of anemia, thrombocytopenia	Blue	Grey	Grey	Grey	Grey	Grey
Cardiovascular disease	Blue	Grey	Grey	Grey	Grey	Blue
Anticoagulant use or history of bleeding disorder	Blue	Blue	Grey	Grey	Blue	Grey
DM/major endocrine disease, prior electrolyte abnormalities, use of diuretics, antiarrhythmics, ACE/ARB	Grey	Grey	Blue	Grey	Grey	Grey
Kidney disease	Blue	Grey	Blue	Grey	Grey	Grey
Liver disease or risk of malnutrition	Grey	Grey	Blue	Blue	Blue	Grey
Peripheral/cerebral vascular disease, cardiac risk factors, new cardiac symptoms	Grey	Grey	Blue	Grey	Grey	Blue

CBC: Complete blood count
T&S: Type and screen
BMP: Basic metabolic panel

LFTs: Liver function tests
INR: International normalized ratio
PT: Prothrombin time

PTT: Partial thromboplastin time
EKG: Electrocardiogram
CXR: Chest radiography

ACE: Angiotensin-converting enzyme inhibitors
ARB: Angiotensin receptor blocker

References:

- Mocon A, McRitchie D, Tharani A. *Drop the Pre-Op: A toolkit for reducing unnecessary visits and investigations in pre-operative clinics*. Ontario, CA. 2019.
- Chow, W. B., Rosenthal, R. A., Merkow, R. P., Ko, C. Y., & Esnaola, N. F. (2012). Optimal preoperative assessment of the geriatric surgical patient: a best practices guideline from the American College of Surgeons National Surgical Quality Improvement Program and the American Geriatrics Society. *Journal of the American College of Surgeons*, 215(4), 453-466.
- National Guideline Centre (UK). Preoperative Tests (Update): Routine Preoperative Tests for Elective Surgery. London: National Institute for Health and Care Excellence (NICE); 2016 Apr. (NICE Guideline, No. 45.) Acknowledgements.
- Practice Advisory for Preanesthesia Evaluation: An Updated Report by the American Society of Anesthesiologists Task Force on Preanesthesia Evaluation. *Anesthesiology* 2012; 116:522-538 doi: <https://doi.org/10.1097/ALN.0b013e31823c1067>