DROP THE PRE-OP!

Physicians Agree: All patients need pre-op EVALUATION, but a low-risk patient having a low-risk procedure does not need pre-op TESTING.

Providing high-quality care to patients includes eliminating unnecessary tests, treatments and procedures.

A recent study in Washington state[1], reveals that at least 100,000 patients received unnecessary pre-op testing during a one-year period, at an estimated cost of over $92 million—a very conservative estimate.

Routine preoperative lab studies, pulmonary function tests, X-rays and EKGs on healthy patients before low-risk procedures are not recommended because they are unlikely to provide useful, actionable information.

Choosing Wisely® Recommendations

> Don't obtain baseline laboratory studies in patients without significant systemic disease (ASA I or II) undergoing low-risk surgery – specifically complete blood count, basic or comprehensive metabolic panel, coagulation studies when blood loss (or fluid shifts) is/are expected to be minimal."
>
> **—American Society of Anesthesiologists**

> Don't order annual electrocardiograms (EKGs) or any other cardiac screening for low-risk patients without symptoms."
>
> **—American Academy of Family Physicians**

There are a variety of reasons why unnecessary pre-op tests are ordered, such as:

- Broadly ordering the same pre-op tests for all patients/procedures—based on habit without thoughtful reflection—regardless of a patient's health or a procedure's risk.
- A desire to be "thorough" and/or concern that an incomplete pre-op form may delay the procedure for the patient.
- Discomfort with uncertainty and concern about malpractice.
- A mistaken belief that all insurers require pre-op testing.

[1] **First, Do No Harm. https://www.wacommunitycheckup.org/media/47156/2018-first-do-no-harm.pdf**

Benefits of Reducing Unnecessary Pre-op Testing

For patients:

- Reduces unnecessary time spent at a lab or clinic.
- Reduces patient's financial burden.
- Reduces waiting for test results and anxiety from false-positive results.
- Reduces unnecessary delay before procedure.

For physicians:

- Provides evidence-based care to patients and avoids unnecessary care.
- Reduces time spent reviewing, documenting and explaining test results that add no value and won't impact a decision regarding procedure.
- Reduces risk exposure from not carefully documenting follow-up on all pre-op tests.

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wsma.org/Choosing-Wisely

Pre-op Testing Prior to Low-Risk Procedures for Low-Risk Patients

	Physical Status of Patient Undergoing Low-Risk* Procedure (determined based on history and evaluation)		
	LOWER RISK PATIENTS		HIGHER RISK PATIENTS
Pre-op Test	**ASA I** A normal healthy patient	**ASA II** A patient with mild stable systemic disease	**ASA III-V** A patient with severe systemic disease or a patient who is not expected to survive without the operation
Chest X-ray	DO NOT ROUTINELY ORDER		DO NOT ROUTINELY ORDER
Coagulation studies			CONSIDER ORDERING PER GUIDELINES
Complete metabolic panel			
EKG or echocardiography			
Full blood count test			
Pulmonary function test			
Urinalysis	DO NOT ROUTINELY ORDER *(unless urologic procedure)*		

* **Examples of Low-Risk Procedures:** arthroscopy and orthopedic procedures that only require local anesthesia; cataract, corneal replacement and other ophthalmologic procedures; cystoscopy and other minor urologic procedures; dental restorations and extractions; endoscopy; hernia repair; minor laparoscopic procedures; superficial plastic surgery.

Recommended Actions

Physicians, Hospitals and Other Health Care Organizations

- Educate physicians and team members (e.g. RN, MA) involved in pre-op testing decision-making.
- Delete prompts for pre-op testing in electronic health record (EHR) order sets designed for low-risk patients undergoing low-risk procedures.
- Use evaluation checklists to optimize surgical outcomes (e.g. nutrition, glycemic control, medication management and smoking cessation).
- In hand-off communication to the surgeon or anesthesiologist after your pre-op evaluation, add this or similar language: "This patient has been evaluated and does not require any pre-operative lab studies, chest X-ray, EKG or pulmonary function test prior to the procedure."
- Provide prompt and clear peer-to-peer feedback when unnecessary pre-op testing occurs; make this a topic of departmental and inter-departmental quality improvement discussions, including gathering patient data to inform discussions.
- Measure current rate of pre-op testing on low-risk patients prior to a low-risk procedure and track improvement.

Payers

- Review medical policies and prior-authorization requirements to ensure they clearly do not require routine testing prior to low-risk procedures on low-risk patients.
- Utilize health plan data and analytics to measure and monitor use of pre-op testing on low-risk patients prior to low-risk procedures.
- Provide feedback on pre-op testing on low-risk patients prior to low-risk procedures to physicians and health care organizations.

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