

# PROCEDURE

## Corewell Health East - Pre-Admission Testing - Blood Bank

**This Procedure is Applicable to the following Corewell Health sites:**

Corewell Health Beaumont Grosse Pointe Hospital, Corewell Health Beaumont Troy Hospital, Corewell Health Dearborn Hospital, Corewell Health Farmington Hills Hospital, Corewell Health Taylor Hospital, Corewell Health Trenton Hospital, Corewell Health Wayne Hospital, Corewell Health William Beaumont University Hospital (Royal Oak)

<b>Applicability Limited to:</b>	N/A
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<b>Functional Area:</b>	Clinical Operations, Laboratory
<b>Lab Department Area:</b>	Lab - Blood Bank

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### 1. Principle

This document will provide instructions to Blood Bank staff on how to handle pre-admission specimens. This process may be used for procedures in which a blood transfusion may be needed, such as but not limited to scheduled obstetrical patients, and outpatient transfusions (for example short stay patient transfusions).

### 2. Responsibility

Personnel who have completed the competency requirements will perform these tasks

### 3. Policy

- A. Type and Screen (TS) specimens will be obtained for patients undergoing procedures.
- B. Specimens will be obtained during pre-admission testing appointments within 30 days of the scheduled surgery provided patient has no current/previous antibody history or has not been pregnant or received blood products within the past 90 days.
- C. Specimens must be obtained within 72 hours of day of surgery for any patient with a current/previous antibody history or has been pregnant or received blood products within the past 90 days. These patients are registered and banded with a patient wristband.

### 4. Procedure

- A. Presurgical patients will be evaluated by anesthesia/pre-admission staff to determine whether the patient is undergoing a procedure that requires a blood bank specimen. The anesthesia/pre-admission staff will schedule the Type/Screen (TS) collection based on their eligibility and document eligibility for pre-admission testing based on the following:
  1. No current/previous antibody history
  2. No blood transfusions within past 90 days
  3. Not pregnant within past 90 days
- B. If the patient is eligible, a blood bank specimen will be obtained and sent for testing.
  1. If the TS is drawn within 72 hours of surgery, the patient should be banded, and the

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- band number must be documented on the specimen. The anesthesia/pre-admission staff will advise patient of importance of keeping the wristband on until day of surgery. If the patient remains banded, no additional TS needs to be drawn on the day of surgery. Refer to Transfusion Medicine procedure [Corewell Health East - Triaging And Identifying Acceptable Samples For Testing- Blood Bank - All Beaumont Hospitals](#).
2. If the TS has been completed within the last 30 days and the patient has a negative antibody screen (and no previous history), a current TS will be drawn on the day of surgery. The patient may proceed to the operating room after the specimen has been collected.
  3. If the TS has been completed within the last 30 days and the patient has positive antibodies identified, the patient should be redrawn within 72 hours prior to day of surgery, the patient will remain banded, and no additional TS specimen will be obtained the day of surgery.
- C. Clinical staff will be responsible for identifying the patient on the day of surgery and verifying the patient's ID bracelet is intact. If the 72 hours draw wristband comes off:
1. A patient with a positive antibody screen will need the TS to be redrawn prior to surgery and should not proceed to the operating room until testing has been completed.
  2. A patient with a negative antibody screen will need the TS to be redrawn prior to surgery and may proceed to the operating room.
- D. No blood product will be issued to the above patients until all the pre-transfusion testing is complete unless requested for emergency release.

## 5. References

- A. AABB Technical Manual, Current Edition.

## 6. Revisions

Corewell Health reserves the right to alter, amend, modify, or eliminate this document at any time without prior written notice.

7. **Procedures Superseded and Replaced:** This procedure supersedes and replaces the following procedures as of the effective date of this procedure: [33799 Corewell Health East - Pre-Admission Testing - Blood Bank – Dearborn]

## 8. Procedure Development and Approval

### Document Owner:

Laura Judd (Operations Specialist)

### Writer(s):

Fatima Bazzi (Supv, Laboratory)

### Reviewer(s):

Alyssa Malone (Medical Technologist Lead), Autumn Ryan (Medical Technologist Lead), Danae Regan (Medical Technologist Lead), Hilary Morey (Medical Technologist Lead), Karrie Torgerson (Medical Technologist Lead), Leila Baalbaki (Medical Technologist Lead), Melissa Bajcz (Medical Technologist Lead), Susan Pelley (Medical Technologist Lead), Suzanne Chahine (Medical Technologist Lead)

### Approver:

Ann Marie Blenc (System Med Dir, Hematopath), Brittne Berger (Dir Sr, Lab Operations), Christopher Ferguson (Dir, Laboratory Services), Elzbieta Wysteppek (Dir, Laboratory Services), Fatima Bazzi (Supv, Laboratory), Hassan Kanaan (OUWB Clinical Faculty), Jeremy Powers (Chief, Pathology), John Pui (Chief, Pathology), Kelly Sartor (Mgr, Division Laboratory), Kristina Davis (Staff Physician), Laura Judd (Operations Specialist), Masood Siddiqui (Staff Pathologist), Muhammad

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Arshad (Chief, Pathology), Ryan Johnson (OUWB Clinical Faculty), Sarah Britton (VP, Laboratory Svcs), Teresa Lovins (Supv, Laboratory)

**9. Keywords**  
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