

**THE UNIVERSITY OF MICHIGAN HOSPITALS
BLOOD BANK AND TRANSFUSION SERVICE**

Effective 10/94

Revised 2/15/95, 1/9/96, 2/29/96, 6/6/96,4/2/97, 6/22/98, 6/8/09

Page 1

Pre-Admission Type and Screen (PTS)

Purpose To provide a patient identification system for patients having a surgical procedure or outpatient transfusion whereby a blood specimen for type and screen and crossmatch can be collected prior to the anticipated date of transfusion.

Patient Identification The patient must be positively identified and the specimen must be labeled with the patient's University of Michigan Medical Record (CPI) number.

A. Clinic

1. A Pre-Op or Pre-Clinic Visit specimen may be obtained one month or less from the surgical date or clinic visit using the following criteria (All criteria must be met):

- Specimen is obtained one month or less from surgical date,
- The patient has **Not** been transfused with blood components in the preceding 3 months,
- The patient has **Not** been pregnant within the preceding 3 months, and
- The patient does not have a clinically significant antibody. (Note that if an antibody is detected, a specimen collection may be required upon arrival on the day of surgery. This may cause some delay in blood availability.)

2. A Pre-Op or Pre-Clinic Visit specimen may be obtained up to 3 days prior to surgery or clinic visit when Any of the following apply:

- The patient has been transfused with blood components in the preceding 3 months,
- The patient is currently pregnant,
- The patient has been pregnant within the preceding 3 months,
- The patient has a history of a clinically significant antibody, or
- The patient is uncertain if they have been transfused or pregnant in the preceding 3 months.

3. Provide the following for patients for whom "PTS" applies:

- Blood Bank Requisition for a PTS collection
- Addressograph, label or print patient information on the Blood Bank Requisition and the PTS Information form.
- Mark the Blood Bank Requisition for PTS (PTSI if the patient is less than 4 months old), the number of units, the scheduled date of surgery and the number of the ordering physician.
- PTS Information form with (PTS) number (in triplicate)
- Ask the patient about recent transfusions and pregnancies (within the past 3 months)
- Have the patient mark the appropriate box and sign the blue form

**THE UNIVERSITY OF MICHIGAN HOSPITALS
BLOOD BANK AND TRANSFUSION SERVICE**

Effective 10/94

Revised 2/15/95, 1/9/96, 2/29/96, 6/6/96,4/2/97, 6/22/98, 6/8/09

Page 2

Pre-Admission Type and Screen (PTS)

B. Phlebotomy:

1. Patient should have a requisition and a PTS Information form with a number printed in triplicate. Addressograph or print patient information on the Blood Bank Requisition and the PTS Information form if not already done. Follow normal phlebotomy procedure.
2. If the Patient Confirmation concerning recent transfusions and pregnancies (within the past 3 months) is not checked, ask the patient to check the appropriate box and sign the form.
3. Attach
 - one PTS number to the PTS Information form
 - one PTS number to the requisition in the PTS # _____ location
 - one PTS number to the specimen tube
 - Record the date of specimen collection on the PTS information form.
 - Return the PTS Information form to the patient
 - Send the requisition and blood sample to Blood Bank

C. Day of Admission: Mott PACU & Main OR Admitting or Clinic performing transfusion

1. **When the patient arrives**, verify the patient identification.
2. If the patient has a PTS Information form with a PTS number:
 - If the patient has not completed the Patient Confirmation concerning recent transfusions and pregnancies (within the past 3 months), ask the patient about recent transfusions.
 - If the PTS specimen was collected **within the past 3 days**, the PTS specimen can be used.
 - If the previously collected PTS specimen can be used, **complete the Pre-Admission Type & Screen (PTS) Identification Form** (pink form) and send to the Blood Bank immediately.
2. **Patients who require a type and screen and/or crossmatch and do not have a PTS Information form** providing patient identifying information and PTS number **or who have a history of clinically significant antibodies and those who have been transfused or pregnant within the past 3 months, must have a new specimen collected and sent to the Blood Bank.**