POLICY:

Extended Type and Screen (T&S)

1. The surgical team is responsible for ordering Extended T&S testing based on the surgical plan of care and anticipated blood loss during surgery.

2. Surgical patients for whom a T&S has been ordered and who have surgery scheduled within 30 days of phlebotomy are eligible for extended type and screen transfusion service.

3. A Transfusion Service Information form will be completed for all Extended T&S patients prior to phlebotomy.

4. Extended T&S patients must sign, date and time their own Transfusion Service Information forms prior to phlebotomy.

5. If an extended T&S specimen is unacceptable due to a positive antibody screen or history of antibody, the Blood Bank (BB) will request a new T&S specimen prior surgery. This will be communicated to the attending surgeon so the patient can be notified to have a sample re-drawn within 72 hours of surgery.

6. The Blood Bank will have two antigen-negative compatible units of blood on hold for patients who are positive for antibodies and who have had a T&S specimen re-drawn within 72 hours of surgery.

7. Because antibodies are constantly changing in a 3-month window, the Blood Bank will notify the preop unit for a T&S specimen on the day of surgery (DOS) if the patient was transfused or pregnant within the past three months and the patient has not had a specimen re-drawn within 72 hours of surgery.
Day of Surgery (DOS)

1. A sample must be drawn on the DOS if a T&S is indicated and/or has been specifically ordered by the surgeon and the specimen was not provided preoperatively.

2. If appropriate, discussion between the attending surgeon and anesthesiologist may occur to modify the preoperative T&S requirement for any given patient.

3. A Hard Stop is in place until a final confirmation from the Blood Bank is obtained: the patient will not be allowed to transfer into the operating room.

4. Cancellation of the T&S order will be allowed only if the attending surgeon and anesthesiologist both agree to the cancellation.

Approval:
Blood Bank / Transfusion Committee
OR Committee
SECTION: PATIENT CARE

SUBJECT: Preoperative Transfusion Services:
Extended Type & Screen and Day of Surgery

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Date Reviewed: 4/21

Appendix A

Preoperative Blood Work Flow – Extended Type & Screen through Day of Surgery Preop
Extended Type and Screen Procedure List

CV/Thoracic  Open heart procedure
             Thoracotomy

General     Major laparotomy/laparoscopy/robotic procedure

Neurosurgery  Craniotomy

GYN         Staging or tumor reduction laparotomy/laparoscopy/robotic procedure

OB          C section, DOS only

OMF         Major maxillary or mandibular procedure

Orthopedics  Revision hip/knee arthroplasty

Spine       Thoraco/lumbar spine fusion

Urology     Radical prostatectomy/nephrectomy
             Total cystectomy

Vascular    Aortic or major vascular surgery, open or endovascular

Extended type and screen required for these procedures,
or any other case by specific surgeon order

Extended type and screen valid x 30 days

Specimens to be drawn only at following UConn Health lab facility