

The Kidney Donor Evaluation Process

This overview is meant to give you general information regarding the kidney donor workup process at The Johns Hopkins Hospital. This workup is done in a step by step process enabling the transplant team to review the results from each step before proceeding to the next. This process was developed to prevent unnecessary testing. When you meet with the transplant surgeon and nephrologist (a medical doctor specializing in diseases of the kidney), you will be given detailed information on the surgery, the risks and the recovery period. It is our priority to protect you as the donor from any potential harm now or in the future relating to your donation. Please note this is an outline only, and not to be used as a written physician order.

- STEP 1** Five potential donors may be tested at a time.
- Testing:** Bloodwork – Tissue typing for antigen match and crossmatch.
Blood type confirmation (A,B,O,AB)
- Where:** Can be done at Johns Hopkins or at a local medical facility and shipped via FedEx to The Johns Hopkins University Immunogenetics Laboratory.
- Results:** Received within 10 to 14 business days. A donor nurse coordinator will call each donor with their tissue typing results; the results are not shared with recipient. Donors however, may discuss the results with their potential recipients.

Only one donor moves forward to step 2; this donor should notify our office of their interest to continue on with the testing process.

- STEP 2** **Testing: 24 hour urine collection, urinalysis and blood work, Stool test for Occult blood and a PPD skin test.**
- Where:** Can be done at Johns Hopkins Laboratory or at a local facility.
- Results:** From Johns Hopkins Hospital – results available within 3 to 5 days. At an outside facility – results available at 2 weeks or longer. The results should be faxed or mailed to our office. Please provide our office with the name and telephone number of the laboratory utilized for the lab work so we can follow up on retrieving the test results.

Once a donor has moved forward to Step II, we will need the following medical records:

- Three (3) separate documented blood pressure readings (done on different dates)
- History & Physical; routine labs from the Primary Care Physician's Office.
- Current Pap smear results on all female donors
- Current Mammogram results on females age 40 and older
- Colonoscopy on all donors greater than 50 years old (done within the past 5 years).
- Exercise Stress test on all donors greater than 50 years old

STEP 3 Evaluation appointments by the following members of the transplant team (diagnostic testing included):

- Nephrologist**
- Surgeon**
- Psychologist / Donor Nurse Coordinator**
- Social Worker**
- Diagnostic Testing:** 3 Dimensional CAT Scan, EKG /Chest X-ray
- Additional Testing** - as needed on an individual basis

Where: The Johns Hopkins Hospital - OutPatient Center

Results: Within one week. Additional testing may be required by our transplant team upon completion of the evaluation.

Once all required tests are completed our transplant team will meet to discuss the results and clear the donor for surgery. A surgery date will then be scheduled when both the recipient and donor are cleared and ready.

STEP 4 Pre-Final tissue typing sample drawn 30 days prior to scheduled surgery.

STEP 5 Pre-Operative visit - 2 weeks prior to surgery

Testing: Evaluation by an Anesthesiologist, blood work - flow cytometric crossmatch if needed, urinalysis

Where: Johns Hopkins Hospital Outpatient Center located on the lower level. Pre-op registration desk.

Results: Within 3-5 days

STEP 6 **Testing:** Final tissue typing crossmatch drawn 7 prior to surgery.

Where: JHH or a local medical laboratory. Sample shipped via FedEx to The Johns Hopkins University Immunogenetics laboratory.

STEP 7 **Surgery:**

Report to Osler building 7th floor to same day surgery check in at scheduled time. The kidney is removed via the laparoscopic technique unless contraindicated. Expected length of stay in the hospital – 2 days

STEP 8 **Recovery:** 2 days on Inpatient Transplant Unit

4- 6 weeks for full recovery and return to work.

Post-operatively, you will be assigned a dedicated follow-up donor nurse coordinator.

Donor Nurse Coordinators:

Sherrie Klunk, RN, BSN

Pamela Walker, RN, BSN

Sharon Kreitzer, RN, MSN

1 (888) 304-5069 options 4, 2 or (410) 614-9345²

² Updated 3/30/09