Your doctor has requested an ultrasound of your kidney transplant. Ultrasound is a procedure that uses sound waves to “see” inside your body. This procedure uses sound waves to evaluate the blood flow to your transplanted kidney. Ultrasound can evaluate potential problems with the circulation to the kidney, blockage of urine draining from the kidney or rejection.

Before Your Exam

• There is no preparation for this exam and you may eat and drink. You may take your scheduled medications.

• If your doctor gave you an order, please bring it with you along with an ID and insurance card.

During Your Exam

• The technologist will explain your exam and answer any questions you may have.

• Your procedure will be performed with you lying on the examination table on your back with your hands at your sides or on your stomach.

• The technologist will apply warm gel to the area over the transplant site.

• A transducer, or ultrasound camera, will be placed over the same area.

• You will not feel any pain; however you will feel mild pressure from the transducer.

• Sound waves will bounce off the blood vessels and soft tissues of the transplant. This creates “echoes.” The echoes are reflected back to the transducer. These echoes are converted to electronic signals by the transducer. A television monitor displays the electronic signal as images which are recorded during the exam.

• Additionally, you may hear unusual sounds as the technologist views and records the blood flowing through the kidney.

• Your exam will take approximately 45 minutes.