

Imaging test to be performed:

Renal Artery Duplex



Patient's name: _____

Test date: _____

Test time: _____

See other side for test location and registration instructions

What You Need To Know

How to prepare for your test:

For adults, have a clear liquid diet from the night before your exam until completion of exam. For infants and children, normal diet.

How long will the test take?

About 60 – 90 minutes.

What is the purpose of the test?

This test is used most often to detect stenosis (narrowing) of the renal arteries – a condition that can dramatically reduce blood flow to the kidneys.

How is the test performed?

A clear, water-based conducting gel will be applied to your abdomen to help with the transmission of the sound waves. The ultrasound transducer (a handheld probe) will then be moved over your abdomen. A series of images will be acquired during the examination. You will need to hold your breath from time to time and will hear swishing noises. These noises represent blood flow to and from your kidneys.

Required before test:

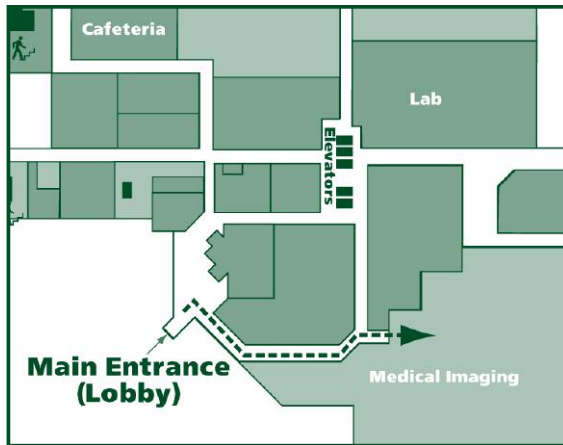
Please provide a signed physician order to perform the exam.

Results will be sent to your ordering physician after a radiologist's review.

Your test will be conducted at:

EIRMC (main campus)

Medical Imaging Department
3100 Channing Way
Idaho Falls
208-227-2600



What is ultrasound?

Your doctor has ordered for you a body imaging test known as an ultrasound. Ultrasound is like ordinary sound except it has a frequency (or pitch) higher than human beings can hear. No radiation is involved. When sent into the body via a transducer (small, handheld probe) resting on a patient's skin, the sound is reflected off internal structures. The returning echoes are received by the transducer and converted into pictures of the internal structures on a viewing screen. Diagnostic ultrasound imaging is commonly called sonography or ultrasonography.

How to register:

Please arrive 10 – 15 minutes early to register (unless you are instructed differently). See the following schedule for guidance on where and when to register. You will need to show a copy of your insurance card and driver's license each time you register.

Where to register:

Day/Time	EIRMC Location
<i>Mon.- Fri.</i>	
12 - 6:30 a.m.	Emergency Dept. (as outpatient)
6:30 a.m. - 4:30 p.m.	Medical Imaging Dept.
4:30 - 7 p.m.	Main Admissions (front of hospital)
7 p.m. - midnight	Emergency Dept. (as outpatient)
<i>Saturday</i>	
12 - 7:30 a.m.	Emergency Dept. (as outpatient)
7:30 a.m. - 4 p.m.	Main Admissions (front of hospital)
4 p.m. - midnight	Emergency Dept. (as outpatient)
<i>Sunday</i>	
All day	Emergency Dept. (as outpatient)