

Vascular Study



PREPARING FOR THE EXAM

Compared to other radiology procedures, ultrasound requires little patient preparation. The preparation is dependent upon the type of exam.

- **Renal:** No food six hours before the exam. Be sure to drink ample amounts of water before the exam.
- **Upper Abdominal (Liver, Gallbladder, Spleen, Pancreas, Aorta, Kidneys):** Nothing by mouth for eight hours prior to the exam. All medications may be taken with water. Diabetic patients may take small amounts of orange juice.
- **Pelvic Ultrasound Complete/Obstetrical:** A full bladder is needed for the exam, or you may be required to reschedule. Begin drinking 32 ounces of water two hours prior to exam time, and finish 30 minutes prior to exam. Do not void.
- **Breast Ultrasound:** Prior mammograms are needed. No preparation is required.
- **Carotid Duplex/Thyroid/Scrotal/Peripheral Vascular (Venous)/Endovaginal Pelvic Only:** No preparation is needed.

TWO LOCATIONS IN RENO, NEVADA TWICE THE EXPERTISE IN IMAGING



625 Sierra Rose Drive (SW Reno)



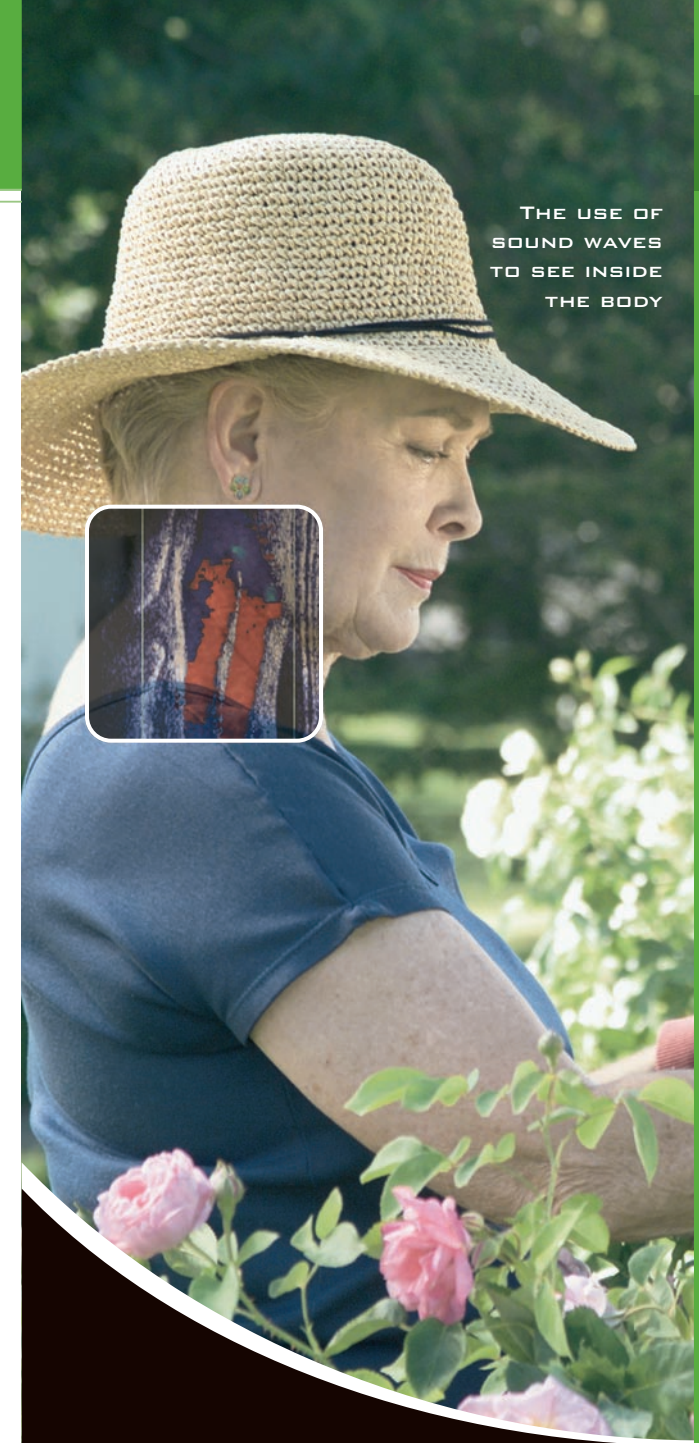
590 Eureka Avenue (6th and Wells)



Reno Diagnostic Centers

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THE USE OF
SOUND WAVES
TO SEE INSIDE
THE BODY



U L T R A S O U N D



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WHAT IS ULTRASOUND?

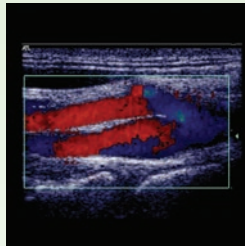
Ultrasound is a common diagnostic procedure involving little to no discomfort since it utilizes sound waves like sonar, not radiation, to create a moving picture of the body. Because it cannot see through air or bone, it is not good for evaluating the brain, spine or chest.

Ultrasound is very fast, making it ideal to study blood vessels. Using doppler techniques, we can visualize the small particles (red blood cells and protein particles) in the blood.

HOW THE EXAM WILL HELP YOU

Getting an ultrasound examination is helpful in the detection, diagnosis, and the monitoring of a number of potential health problems, including:

- Abdominal Disorders
- Vascular
- Eye Disorders
- Cancer
- Pelvic Disorders
- Obstetrical



Ultrasound scan of Carotid Arteries.

Ultrasound plays a key role in assessing pregnancy. It enables us to determine size and evaluate the baby's organs, growth rate, position, movement, breathing, and heartbeat of the fetus. It also monitors the amniotic fluid that surrounds and protects the fetus.



WE WILL HAVE YOUR RESULTS BACK TO YOUR DOCTOR WITHIN 24 HOURS.

BETTER HEALTH BEGINS WITH KNOWLEDGE



ABDOMINAL DISORDERS

Ultrasound is the best study to detect gallstones. It also is excellent to look for abdominal abnormalities in the liver, kidney, pancreas and spleen, as well as monitor kidney transplant patients.



BLOOD VESSEL STENOSIS/DISEASE

Ultrasound is used to evaluate blood vessels at risk for aneurysm (ballooning) or stenosis (abnormal narrowing).



PELVIC DISORDERS

Transvaginal ultrasound may be used in early pregnancies or for pelvic procedures to get a clear image of the pelvic organs or the pregnant uterus. It can help determine the cause of pain or bleeding in women's reproductive organs. The transvaginal ultrasound uses a specially designed transducer (approximately the size of a tampon), which is inserted into the vagina. These tests often provide better images than traditional ultrasound.



For more information on this and any of our exams, visit us on the web at renodiagnosticcenters.com



CANCER

Ultrasound can locate lumps in organs or tissues, is useful as a guide with needle biopsies, and helps detect prostate cancer or breast cancer while monitoring treatment.



EYE DISORDERS

The ultrasound transducer (which is a small microphone-like device that is placed over the area being examined) can detect swelling, bleeding or foreign objects in the eye.



PREGNANCY

Ultrasound can be used to check the health and development of your baby. It visualizes the growth and development, position, as well as movement, breathing and heartbeat of the fetus. Ultrasound can also determine if you are going to have multiple babies, or rule out potential problems in-vitro.



Baby sucking thumb



Fetal Eyes/Nose image

