

Vascular and Renal Ultrasound

Ultrasound provides a non-invasive way for doctors to “see” inside the body. This is especially useful in monitoring known vascular damage or disease, verifying whether a suspected blockage exists, and in evaluating medication or surgical treatment.

Expertise in Matters of the Heart

An ultrasound test creates an image of the inside of the body by emitting high frequency sound waves and receiving the echoes as they bounce off internal structures. Ultrasounds are used commonly on many parts of the body and are frequently used by cardiologists to visualize blood flow throughout the body.

Arterial Ultrasound

An arterial ultrasound visualizes the blood vessels that conduct blood away from the heart, usually in the arms or legs. The images allow physicians to identify specific areas with plaque build-up, blockages, and aneurysms.

You should plan on 1 hour for this test.

Carotid Ultrasound

A carotid ultrasound creates an image of the inside walls of the carotid artery. Physicians use this test to detect narrowing of arteries or blockages that may hinder blood flow from your heart to your brain.

You should plan on 45 minutes for this test.

Venous Ultrasound

A venous ultrasound is designed to



detect blood clots or abnormalities within the veins of the arms or legs. The technique allows the physician to locate a blood clot quickly, with little or no discomfort.

You should plan on 1 hour for this test.

Patient preparation: No special preparation is necessary for ultrasound testing. However, you may wish to shower or bathe, and refrain from using lotion prior to your appointment, to improve skin contact with the device.

What to expect: The technician, or sonographer, will use a small amount of water-based gel that allows the transducer to glide smoothly on your skin. The gel creates a cool sensation

on your skin and the transducer's movement creates light pressure, but you should feel no discomfort during the test.

Risks: There are no risks associated with ultrasound. The procedure involves no radiation and has no side effects. The gel is non-irritating.

Renal Doppler Ultrasound

A Renal Doppler Ultrasound visualizes the renal arteries that provide blood flow to the kidneys. Physicians use this test to detect narrowing of arteries that may hinder blood flow to your kidneys.

You should plan on 1hr and 30min for this test.

Patient preparation: Prior to the exam, do not eat or drink after midnight to minimize bowel gas. Do not chew gum or smoke the morning of the exam as this may increase bowel gas which could cause rescheduling of your exam due to limited visualization of the arteries. Please take morning medication with sips of water only.

Heart Center of the Rockies, the region's premier heart center, is dedicated to providing a comprehensive program of advanced cardiovascular care throughout Colorado, Wyoming and western Nebraska.

Test Results:

Test results will be discussed with you by your doctor.

Details of Your Upcoming Ultrasound:

Appointment Date: _____

Appointment Time: _____

Please check in 15 minutes prior to your appointment.

Location:

- Fort Collins – Harmony Campus
2121 E. Harmony Road, Suite 200
Fort Collins, CO 80528
(970) 297-6889, (800) 459-4241
- Fort Collins – Poudre Valley Hospital
1024 S. Lemay Avenue
Fort Collins, CO 80524
(970) 297-6889
- Medical Center of the Rockies
2500 Rocky Mountain Avenue
Loveland, CO 80538
(970) 297-6889
(800) 459-4241
- Estes Park Office
Estes Park Medical Center
555 Prospect Avenue
Estes Park, CO 80517
(970) 297-6889
- Fort Morgan Office
Heart Center of the Plains
1000 Lincoln Street, Suite 207
Fort Morgan, CO 80701
(970) 867-7900
- Greeley Office
Signature Office Park
6801 W. 20th Street
Suite 208
Greeley, CO 80634
(970) 330-9180
- Scottsbluff
Regional West Medical Center
Plaza North
Two West 42nd St., Suite 2200
Scottsbluff, NE 69361
(308) 630-2626 (800) 459-4241
- Steamboat Springs Office
940 Central Park Drive, Suite 290
Steamboat Springs, CO 80487
(970) 870-1035
- Sterling Office
Heart Center of the Rockies
620 Iris Drive
Sterling, CO 80751
(970) 522-7266

You are scheduled for:

- Arterial Ultrasound
- Carotid Ultrasound
- Venous Ultrasound
- Renal Ultrasound



For more information call (970) 221-1000, (800) 459-4241, or visit www.heartcenteroftherockies.com