

Diagnostic Imaging

Boundary Community Hospital has a reputation for quality and excellence in providing superb diagnostic imaging, thoughtful patient care and professional radiological interpretations.

Board-certified by the American Registry of Radiologic Technologists, the experienced Radiologic Technologists manage the state-of-the-art equipment producing high quality imaging for accurate diagnoses and effective treatment.

The Diagnostic Imaging Department offers a wide range of inpatient, outpatient and emergency radiological services including CT (Computerized Tomography), digital mammography, bone density scanning, ultrasound, and general radiology. The Mobile MRI (Magnetic Resonance Imaging) is available every Thursday.

All exams require an order from your health care provider. Some insurance companies and Medicare Advantage require prior authorization for advanced imaging. Ultrasound, MRI, CT Scan and Mammography are usually scheduled in advance. Once you have signed in, the department staff will come to the waiting area to escort you to the proper imaging area.

Diagnostic Imaging Department Contact Information

For more information on the Diagnostic Imaging Department or to make an appointment call (208) 267-3141 ext 4258

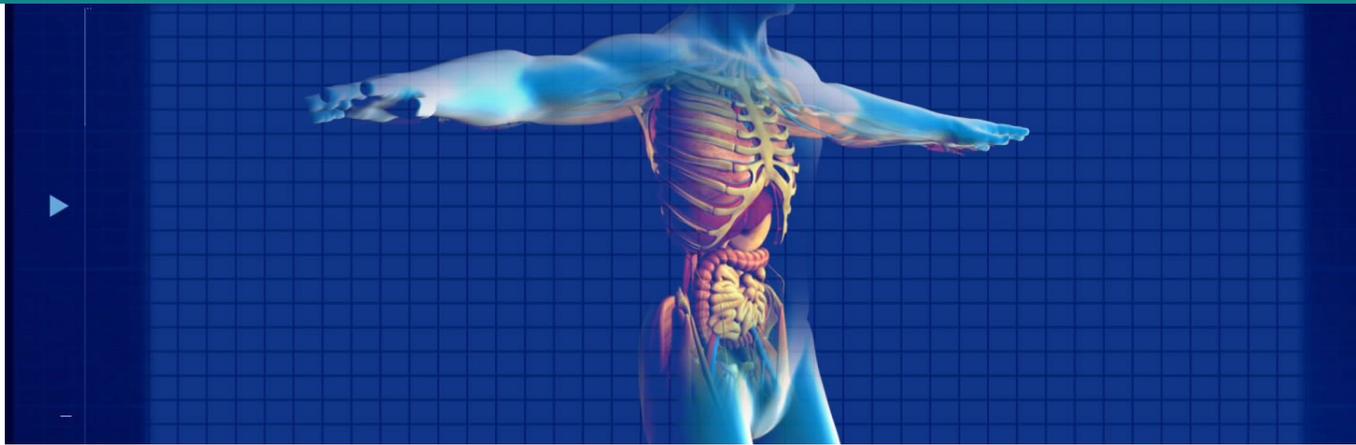
Outpatient Appointments

Monday through Thursday 8 am to 5 pm
Friday 8 am to 4 pm

Check In at the Admitting Reception Desk in the Outpatient Clinic. Outpatient Clinic is located on the southeast side of the Hospital off Comanche Street.

Scheduled appointments required for some services. If you need a same day appointment, call the Diagnostic Imaging Department to see if you can be scheduled.

MRI (Magnetic Resonance Imaging)
available on Thursdays each week.



At Boundary Community Hospital, our goal is to provide the community with timely modern radiology services that are second to none. Your health is important to you, and so is your time. You can expect fast and friendly service from the moment you schedule your exam to the moment your physician receives the results.

Diagnostic Services

- CT Scan (Computer Tomography)
- Ultrasound
- Diagnostic X-ray
- Mammography
- DXA Scans (Bone Densitometry; Body Composition)
- Magnetic Resonance Imaging (MRI)

Mammogram Appointments

Monday and Friday 8 am to 4 pm

Ultrasound Appointments

Tuesday and Friday 8 am to 2 pm

Magnetic Resonance Imaging (MRI) Appointments

Thursday 8 am to 5 pm

Other Diagnostic Imaging Appointments

Monday through Thursday 8 am to 5 pm

Friday 8 am to 4 pm



6640 Kaniksu Street

Bonnars Ferry, ID 83805

(208) 267-3141

www.boundarycommunityhospital.org

Diagnostic Imaging

CT Computerized Tomography

*Caring for Our Community,
Every Day*





Newest Technology - With 64 Slice technology, our Radiologic Technologists can obtain better, finer images for more accurate diagnoses in less time on the most stable, reliable and state of the art system in our local area. Siemens SAFIRE technology allows for a significantly decreased radiation dose without sacrificing image quality. This is a great leap forward in radiation protection for our family and neighbors. The larger gantry opening and wider table allow for a much less constricting examination.

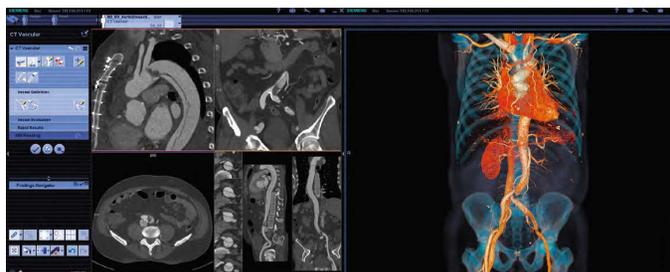
What is CT Used For?

CT scans are performed for many reasons. In cancer detection, CT is used to scan for abnormal masses. CT scans can show the size, shape, and location of tumors. Tumors may be benign (noncancerous) or malignant (cancerous). In addition to cancer detection, CT scans have many other uses, including the detection of abscesses, strokes, cysts, and soft tissue abnormalities. CT scans are also invaluable in the diagnosis and treatment plan of complex fractures.

What can I expect when my CT exam is finished?

When you are finished with your CT examination you may leave the department and eat and drink as normal. In fact, if you received an injection of contrast you should drink a lot of fluids to help flush it through your system. The Radiologic Technologist will present your scan to the Radiologist who will review your images and make a final diagnosis. The report of the exam will be electronically sent to your referring physician within 24 hours.

Boundary Community Hospital's Diagnostic Imaging Department is 100% digital and fully integrated with North Idaho and Washington hospitals through the Northwest Hospital Alliance Picture Archiving and Communications System (PACS) so that our images and reports can be shared and viewed with other facilities and your physician.



What is CT?

Computerized Tomography (CT) combines a specialized x-ray machine and a computer to produce images one slice at a time, as if slicing a loaf of bread. The scan, completed while you lie on a table, is performed by a Radiologic Technologist from an adjoining room who you will communicate with through a speaker system. The procedure is painless and usually takes about thirty minutes. Once your scan is finished, the Technologist presents the cross-sectional, multi-dimensional images to the Radiologist for interpretation.

How do I prepare for my CT scan?

Some CT procedures require the use of contrast media to enhance the area to be scanned. The contrast media may be intravenous, oral or both depending on the type of scan. When intravenous (IV) contrast is used, you may be instructed not to eat or drink anything for four hours prior to your scan. The IV contrast outlines blood vessels and organs and makes these structures stand out more clearly on the CT image. The oral contrast is used to fill the stomach and intestines, which gives a better image. You will drink the oral contrast beginning two hours prior to your scan. Be prepared to discuss your health history, such as asthma, allergies, heart conditions, diabetes, and any medications you take with your Radiologic Technologist. If there is any chance that you may be pregnant, you should tell your doctor and the Radiologic Technologist before your scan.

Common CT Exams

CT of the Head

CT scans of the head provide images of brain tissue, blood vessels, and bones of the head; the cross-sectional images are then evaluated and interpreted by the Radiologist.

You will be asked to remove your earrings, hairpins, dentures and glasses as they will interfere with the exam.

Your examination may require an injection of contrast media or "dye" into a vein in your arm. This contrast improves visualization of the blood vessels and various disease processes of the brain. Frequently, the contrast can produce a warm flushing sensation that will last only a few minutes. If you are receiving an intravenous injection of contrast media you will be instructed not to eat or drink anything for four hours prior to your scan.

CT of the Abdomen and/or Pelvis

Abdomen or pelvis scans provide the Radiologist with pictures of various organs within the body, such as stomach, liver, spleen, kidneys, pancreas, intestines, bladder, and reproductive organs.

Metal items, such as buttons and zippers will interfere with the x-ray image, so you will be asked to undress and change into a gown.

You will be given a liquid contrast to drink approximately two hours prior to your scan. During the exam, you will also be given an intravenous injection of contrast media into a vein in your arm. Frequently the contrast or "dye" can produce a warm flushing sensation that will last only a few minutes.

CT of the Chest

CT scans of the chest provide the Radiologist with images of your lungs, heart, blood vessels and esophagus.

Metal items, such as buttons and zippers will interfere with the x-ray image, so you may be asked to undress and change into a gown.

You will be instructed not to eat or drink anything for four hours prior to your scan. Before the exam, you will be given an intravenous injection of contrast media into a vein in your arm. Frequently, the contrast or "dye" can produce a warm flushing sensation that will last only a few minutes.