

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 Technologist manages 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. We also offer MRI (Magnetic Resonance Imaging) 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.



Diagnostic Imaging Contact Information

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

Diagnostic X-Ray

Monday through Thursday 7 am to 5 pm

Friday 7 am to 4 pm

No Appointment Necessary

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



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 4 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

Diagnostic X-Ray

(Digital Radiography)

*Caring for Our Community,
Every Day*



What is an X-Ray?

An X-ray examination is used to create images of your internal organs or bones to help diagnose conditions or injuries.

A special machine emits a small amount of ionizing radiation. This radiation passes through your body. In the past, this went onto a sheet of special film.

At Boundary Community Hospital, our Radiologic Technologists use digital radiography equipment for x-ray examinations. Digital radiography is a form of X-ray imaging using digital X-ray sensors and a digital image capture device instead of traditional photographic film.

Since the body is made up of various substances with differing densities, X-rays can be used to reveal the internal structure

of the body by highlighting these differences using attenuation, or the absorption of X-ray photons by the denser substances (like calcium-rich bones).

On average, the dose of radiation is roughly the same as you would receive from the general environment in about one week.



Advantages of Digital Radiography

Benefits of digital radiography for patients that need an X-ray include:

- Less radiation exposure
- Immediate image preview and availability
- Easy patient access
- Enhanced image quality with wider dynamic range to prevent over/under exposure
- Ability to apply special image processing techniques to enhance display quality

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



Let the Technologist Know

For the success of the exam and for your safety, tell the technologist if you:

- Are pregnant or suspect you may be. You may be told not to have an x-ray.
- Have had an x-ray of this part of your body before. Old x-rays can be compared with new ones.
- Have any metal in the part of your body being imaged.
- You may be asked about your overall health or any medications you take.



What to Expect

Before The Exam

Getting ready for an x-ray takes little effort.

Wear clothes with no metal closures, and avoid wearing jewelry. You may have to change into a gown or remove items with metal. These items may block part of the x-ray image. In some cases, you may be asked to put on a gown.

Be ready to discuss your overall health. This includes any symptoms you may have and why you need the test.

The entire exam often takes just a few minutes. But you'll need extra time to check in.

During The Exam

You will be asked to lie on a table, sit, or stand. This depends on the part of your body being imaged. A lead apron may be draped over part of your body to shield it from the x-rays.

The technologist will leave the room during the test. He or she may talk to you from behind a wall.

With an x-ray of your chest or abdomen, you will have to take a deep breath and hold it for a few seconds. Each exam will require two (2) or more views. Before each view, you may have to move your body.

For best results

- Follow instructions. This will help prevent the need for more x-rays.
- Remain still during the exam.

After The Exam

After the test, you may have to wait briefly while the images are reviewed. You can return to your normal routine right away, unless you're advised not to. In most cases, you won't get your results the day of the x-ray. Your doctor will let you know when the results are ready.