

We get the picture.

We know how important your photos are. They capture smiles, moments, memories. Our pictures are important as well.

Our Imaging Services Department provides a full range of diagnostic testing services utilizing state-of-the-art equipment.

We capture images that lead to diagnosis of diseases and ailments. That means earlier and more effective treatment.

When it comes to images of the human body, we get the picture.

### Now Available

- » Monday- Friday by appointment all Imaging tests
- » 7 days a week X-ray and CT scans



### Contact Us

To learn more about our services  
308.728.4200 or 888.252.3874

## Imaging



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# Progressive Care with Compassion

## Imaging Services

The Imaging Services Department at Valley County Health System provides a comprehensive range of diagnostic services to both inpatients and outpatients. Radiology is vital in diagnosing and treating many diseases and ailments. Valley County Health System offers the following imaging tests that detect abnormalities in bone, tissue and other internal body parts.

## X-ray

An x-ray is one of the most common radiology techniques. An x-ray creates an image of internal structures of the body by passing a small amount of radiation through the body to strike an imaging plate.

X-rays are used to determine the presence of disease, bone fractures, joint misalignments, arthritis and other painful conditions.

## Diagnostic Radiology

The new Diagnostic X-ray equipment expands from its digital x-ray room, to the digital portable X-ray, to the Surgical C-arm. They all will provide both the patient and the doctor with faster results and more patient comfort. The equipment is also adaptable to a wider variety of patient size.



## CT Scan

The new Somatom Definition CT scanner is a 20 slice scanner. This means faster scanning for patient comfort, lower patient dose, adaptable to the larger patient, and improved imaging. The faster scanner will mean quicker results and less wait time for the doctors and patients.

## MRI

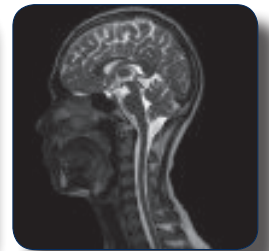
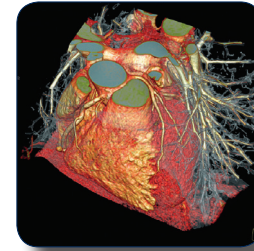
Now available MRI scans Monday thru Friday. The Magnetom Essenza 1.5 MRI is a non-invasive unit which utilizes the properties of magnetism to create 3-D images of the body. The new scanner will provide easier accessibility and comfort for the patient, with the same quick results for the ordering doctor.

## Nuclear Medicine

A nuclear medicine scan uses a special camera to create pictures of the organs (such as the heart, lungs, liver, and gallbladder) and bones. This test uses a small amount of radioactive material and a special camera. Generally, radiation to the patient is similar to that resulting from standard X-ray examinations. Valley County Health System's E. cam Signature Series Scanner will provide better quality images, faster scanning and more patient comfort.

## Ultrasound/Echo

An ultrasound is a diagnostic procedure that using high frequency sound waves to detect the structure of some internal organs of the human body. This procedure is painless and non-invasive, and does not use radiation. Ultrasound is a very important tool in diagnosis and treatment of many areas of the body. At VCHS we offer diagnostic ultrasound, vascular ultrasound and echocardiography.



## DXA

Available Monday thru Friday are DXA's, also known as bone density testing. The new Hologic Discovery SL is one of the most popular systems in use in the medical field. The DXA scan is actually an x-ray of an advanced kind, which determines the density of the patients bones and if they have or are susceptible to osteoporosis. Also if you are receiving treatment for existing osteoporosis, the DXA scan can gauge its efficacy.

## Mammography

Our new digital mammography unit provides patients with more efficient and improved imaging with the lowest possible dose, making it the unit recommended for imaging younger patients. The Radiologist will have the ability to review images and order any additional views, saving patients the inconvenience of having to reschedule another appointment.

The Department of Health and Human Services recommend women have a screening mammogram by the age of 40, sooner if you have a family history of breast cancer. Mammography is the best screening tool that doctors have for finding breast cancer. If it's found early, the chances of survival and the treatments available are greatly improved.