



### CT Scan

A CT scan uses x-rays combined with a computer to capture multiple cross-sectional images or “slices” of the body. Our new 16-slice CT scanner allows patients to have shorter exam times and improved image quality.

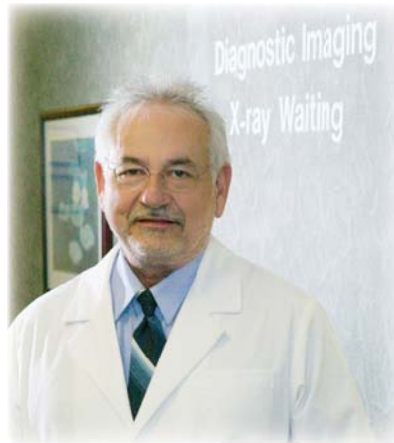


### Magnetic Resonance Imaging (MRI)

Using magnetic imaging, the MRI produces accurate and detailed pictures of the body, from entire organs to a hair's-breadth “slice” of a specific area of concern.

We are pleased to answer any questions you may have.

For more information on any diagnostic service at NRMC, please call us at **(417) 448-3713**.



Gary Headrick, RT (R) CRA  
Director of Diagnostic Imaging

## Diagnostic Imaging



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## Comprehensive Diagnostic Services

Utilizing the latest technology, a skilled health care team provides you with the convenience and comfort of diagnosis and treatment close to home. Nevada Regional Medical Center's diagnostic services include:

### General Radiology

X-ray pictures of the body are used to assess problems or conditions of the bones and soft tissue.

### Bone Densitometry

A low-dose x-ray system known as DEXA screens for and evaluates the seriousness of osteoporosis, a condition in which bones are weakened.

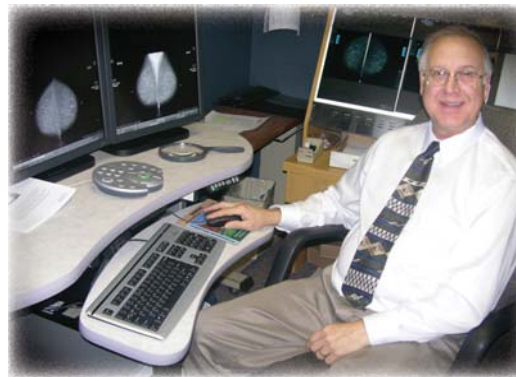
### Ultrasound

This diagnostic tool uses high-frequency sound waves to produce images of the organs and structures of the body.



### Fluoroscopy

Fluoroscopy is an x-ray procedure that makes it possible to see internal organs in motion. X-ray is used to produce real-time video images. This is useful in examining specific areas of the body, such as the urinary or gastro-intestinal tracts.



### Invasive Special Procedures

X-ray, ultrasound and CT are sometimes used to guide physicians into and through specific body parts, such as during some biopsies.

### Nuclear Medicine

Patients swallow or are injected with a radiotracer and are "photographed" with a special camera that produces images of the substance as it passes through the body.

### Digital Mammography

X-rays are used to produce an image of the breast. The image is then recorded and stored on a computer where it is examined by a radiologist. This advanced imaging technology aids in the early detection of breast cancer.

