



*Established 1972*  
*By and For the People of Love County*  
 Richard Barker,  
 Administrator

**Ambulance Emergency**  
**911**

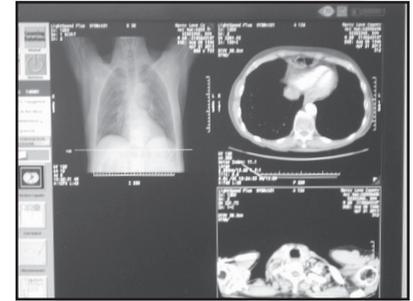
**Clinic Appointments**  
**276-2400**

**Hospital Information**  
**276-3347**

**Community Resources**  
**211**

**Domestic Violence Help**  
**276-2042**  
**Hotline - 226-6424**

# X-Ray Technology



*Inside the CT gantry (left background) an x-ray tube rotates around the patient, collecting images from many angles. On the control room screen (above) CT images show internal body structures.*

- What Is It?** GE Lightspeed Plus 4-Slice CT Scanner
- Year Acquired:** 2013. At \$172,500 (refurbished), it is the hospital-clinic's most expensive item of diagnostic equipment.
- How It Works:** The patient's bed slides slowly back and forth beneath the opening of the scanner, with the x-ray tube completing one rotation around the patient every 0.5 seconds. The test produces hundreds of internal pictures of the body.
- Advantages:** CT scans are far more detailed than ordinary x-rays. The pictures present two-dimensional cross-sections detailed enough to reveal tumors, abscesses, tears, or swelling.
- Other Facts:** The equipment is used mainly to look at internal injuries, such as a torn kidney, spleen, or liver; or bony injuries. The scanners also look for tumors, aneurysms, and bleeding.

*We're YOUR Hospital, Clinic and EMS*

## Mercy Health/Love County

300 Wanda - Marietta, OK 73448

[www.mercyhealthlovecounty.com](http://www.mercyhealthlovecounty.com)

*The Small-Town Hospital  
 with the Big Heart*

