



Computed Tomography

What is CT?

A CT scan combines x-rays and computerized mathematical equations, resulting in a detailed image of internal organs and bones.

In a CT scan, the patient lays on a table that slides through the scanner. Contrast dye may be injected through an IV line. The test is painless and usually only lasts a few minutes. New low-dose technology also dramatically reduces the amount of radiation used as compared to other CT scanners.

GE 32 Slice Lightspeed VCT Scanner

The LightSpeed scanner helps to image small structures and fine details. The result is an effective balance of resolution, coverage, speed and dose.

A LightSpeed CT scanner and Empower injector are enabled with software to give a radiation and contrast dose tailored to each patient.

Our physicians can now view incredibly detailed images of the internal organs which enable them to evaluate and treat patients more effectively.

Benefits

- **ACCURATE** 3D visualization
- **FAST** scan times to improve productivity
- **OPTIMIZED** workflow from acquisition to final report
- **INCREASED** patient comfort with faster scan times
- **PRECISE POSITIONING** of patients even in challenging cases
- **GOLD SEAL CERTIFIED** LightSpeed VCT scanner

Preparation

Most patients need to refrain from eating and drinking for eight hours prior to the exam. Patients may also need to drink a special contrast that helps improve the image of the area being scanned.

Talk to your doctor about the benefits of receiving a first-rate CT scan at Bradford Regional Medical Center. For more information, call 814/362-8200.