



### POWERFUL

Detailed visualization brings attention to undetected conditions and clarity to your ongoing concerns.



### VERSATILE

Adaptable technology addresses a broad range of challenging cases regardless of your size, shape, or age.



### STREAMLINED

Automated precision provides a greater depth of information in one scan, reducing your radiation exposure and has the potential to reduce the need to undergo repeat and follow-up scans.



### CONFIDENT

Information-rich scans give your physician the confidence to diagnose quickly and accurately to provide you with the best care possible.

### WHAT IS DUAL ENERGY?

By combining two energy sources from different X-ray spectra into one scan, CT scans utilizing Dual Energy spectral imaging yields a greater depth of information to help your physician identify your best course of treatment.

While conventional single source CT scanning provides standard grey scale images, similar to black and white tv output, Dual Energy is comparable to a high-definition color tv, providing an abundance of rich information not possible in grey scale.

### DUAL ENERGY BENEFITS:

- Provides a greater depth of information in one scan
- Uncovers obscure pathology
- Has the potential to reduce rescans and additional exams
- Potentially reduces radiation and contrast dose
- Streamlines your care and treatment plan

### Your CT exam appointment information:

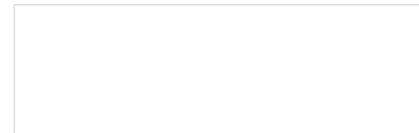
Date: \_\_\_\_\_

Time: \_\_\_\_\_



### YOUR CT EXAM CHECKLIST:

- Remove all metal objects, such as a belt or jewelry.
- Bring images from previous examination (including X-rays) with you.
- Ask your physician if your examination requires contrast. If it does, find out how many hours you will need to fast before the examination.
- Let your physician know if you have had previous allergic reactions.



# If a CT scan is in your future, discover the Dual Energy difference.



## ADVANCED CT HAS ARRIVED AT



## Are you having a CT scan soon?

Discover how Dual Energy spectral imaging can make a world of difference in your healthcare journey. Powerful visualization captures an unparalleled depth of detail regardless of your body size, shape, or the complexity of your case. Securing accurate, information-rich scans from the onset will help to streamline your treatment while giving your physician the diagnostic confidence necessary to provide you with exceptional care.



### WHAT IS A CT SCAN?

A CT scan is a medical imaging method that uses special X-ray equipment to obtain cross sectional pictures of the body. The CT computer displays these pictures as detailed images of organs, bones, and other tissues. This type of imaging can be helpful in diagnosing injuries or fractures or in identifying disease in its earliest stages.



### WHAT WILL HAPPEN DURING MY EXAM?

The CT system is shaped like a large doughnut called the gantry and the center of it is called the bore or tunnel. You will be asked to change into a gown and then you will lie down on the patient table which will move you slowly through the gantry's bore. Once you are properly positioned, your CT technologist will ask you to hold your breath and remain still while you are being scanned.

### WHAT IS A CT SCAN WITH CONTRAST?

For some CT examinations, a contrast medium, also known as dye, is given to help highlight a particular area of your body. Depending on the type of exam, contrast medium is administered orally or through injection.



### ARE THERE RISKS ASSOCIATED WITH A CT SCAN?

CT scans use X-rays, invisible beams of ionizing radiation that pass through the body and are altered by different tissues to create images. At our facility, we are dedicated to achieving the highest levels of patient safety. For this reason, we use CT imaging technology that enables excellent quality images using low radiation doses.

**Experience how Dual Energy can turn images into answers.**