

## **Industry Leading Diagnostic Equipment**

Bellaire Diagnostic Imaging maintains its equipment with every critical upgrade and the highest quality of equipment service and maintenance available in the industry. To ensure this a dedicated quality-assurance team composed of physicists and radiologists, monitor systems to achieve the highest quality images possible.

Bellaire Diagnostic Imaging closely examines the best technology available and will continue to upgrade its Toshiba Vantage MRI and Toshiba Aquillion CT and all our Toshiba equipment as technology becomes available.

## **Why Choose Bellaire Diagnostic Imaging?**

Although some have opted for an “open” MRI, BDI offers MRI examinations on a “high-field” or “closed” scanner. A high-field MRI scanner will ensure clean crisp images that are of the highest quality, this will ease you, knowing you will have an accurate in depth diagnosis.

The sensitivity of MRI scanning has greatly improved as the Tesla strength has raised. The higher the magnet field strength, the more clear and prominent the images become. As MRI field strengths increase, the effects on images are manifold. The qualitative differences between MRI magnetic field strength show that the high field magnets can produce superior images of higher resolution compared to scans produced on a low field magnet.

The difference is now the speed of the exam versus the quality of the image. With this increase in quality, patients can have both, a quality diagnostic exam at a fraction of the time it would take on a “low-field” magnet.