

# CHARTER RADIOLOGY'S STATE-OF-THE-ART IMAGING TECHNOLOGY

Charter Radiology offers the most advanced imaging technology, most of which is not available at many area academic hospitals and local imaging centers.

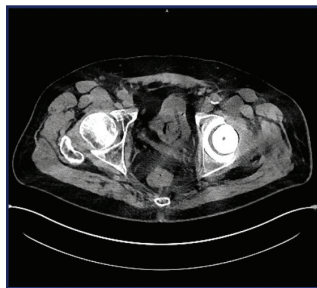


## Siemens 128 AS Definition – with metal suppression technology

Charter Radiology's 128-slice CT scanner is the only CT to offer IMAR in a Maryland outpatient facility.

- Charter Radiology's advanced MRI and CT technology offers the most advanced capabilities to perform pre-surgical prosthesis CT planning, including:

*Arthrex Shoulder*  
*Biomet Shoulder*  
*Biomet Hip*  
*Biomet Knee*  
*Biomet Custom Prosthesis*  
*Conformis Knee Prosthesis*  
*MAKO Hip*  
*MAKO Knee*  
*Tornier Wright Shoulder*  
*Zimmer Shoulder CT*  
*Zimmer Knee*



WITH iMAR



## Siemens 3T Magnetom Skyra MRI machine – the gold standard in MRI imaging

- Makes MR exams easier and more comfortable for patients. The 70cm open bore accommodates a variety of patient sizes, shapes and conditions.
- The super short-bore magnet allows many studies to be completed with the patient's head outside the bore.
- Strong 3T magnet delivers excellent images to help make a more confident diagnosis.
- Fast - Exclusive technology allows for faster, more efficient exams and less wait time for the patient.
- Quiet - With the addition of the Quiet Suite, the patient will experience significant sound reduction.

## Siemens SOMATOM® Perspective 128-slice CT Scanner

Charter Radiology is the only outpatient center in the region to install a CT scanner with this dose-reduction technology, offering the highest resolution and imaging quality available.

- Offers highly detailed imaging with higher resolution and better image quality to visualize smaller structures.
- Allows for fast scanning speed, which reduces the need for patients to hold their breath.
- State-of-the-art SAFIRE image reconstruction software allows for up to a 60% radiation dose reduction across a wide portfolio of clinical applications.

## Physician's Imaging Portal – Z Series Ambassador

- A web-based clinical review solution that provides referring physicians with a robust, intuitive, secure viewer for access to images and reports.
- For patients this means quicker answers to medical questions and expedited treatment.



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