

APRIL 2005 — Major MRI Upgrade at Patuxent:

Radiology Imaging Associates at Patuxent is pleased to announce a quantum leap forward in MRI system performance and functionality. Patuxent Imaging has advanced into a major new upgrade for its Philips high-field MRI that provides flexibility, speed and power to extend the capabilities of this vital diagnostic tool. In addition to clinical versatility and exquisite image quality, this upgrade delivers a range of new features that enhance exam speed and thus the overall comfort to the patient.

Speed is of the Essence

- Philip's revolutionary parallel imaging technology, called ***SENSE***, increases the speed of all applications by **30%**.
- Any exam, from neurological, musculoskeletal and abdominal imaging to contrast-enhanced angiography can be completed quickly and easily.
- Speed makes for more fast and friendly pediatric exams, and improves the level of comfort for all patients.

Advanced Clinical Functionality

- With ***BolusTrak***, timing of the Gadolinium bolus is fully synchronized with the scan start, and this boosts the system's ability to optimize vascular studies such as Magnetic Resonance Angiography (MRA) of the carotid, cerebral and renal arteries.
- ***OrthoPlus*** applications software provides excellent musculoskeletal studies and high-quality off-center shoulder and hip imaging.
- ***OncoPlus***, provides high-quality imaging for assessment of lesions in all anatomical areas.
- ***NeuroPlus*** is a feature that provides powerful neuro imaging and assessment of morphology of the brain and spine.

Our team of board certified, fellowship trained radiologists and MRI certified technologists are ready to provide this new family of advanced applications and tailor the MRI system to fulfill the specific clinical needs of area clinicians.