



BREAKING NEWS! ***AIC ACQUIRES 64-Slice CT in VALENCIA***

It is with great pleasure and excitement to announce that Advanced Imaging Center has acquired a brand new 64-slice CT for AIC-Valencia. It will be installed in the first week of September and will be the first 64-slice CT in the Santa Clarita Valley. This brand new scanner represents the industry's top-of-the-line, state-of-the-art CT scanner, which, in addition to routine CT scans, is capable of the following:

- **Coronary CT Angiography (CTA):** detecting **soft** and **hard** plaques
- Cardiac functional analysis, including perfusion studies, ejection fractions, wall motion analysis, etc.
- Neuroangiography including **Carotid and Brain CTA**
- **Peripheral angiography**, including **run-offs**, **pulmonary** and **renal CTA**.
- **Bone density** (QCT Bone Mineral Densitometry)
- Dental scanning for **Dental Implant** Planning
- **Virtual Colonoscopy**/endoscopy/bronchoscopy/angiography.
- **Real-time CT fluoroscopy** (ideal for procedures such as biopsies, arthrograms, special procedures)
- Capable of obtaining up to 64 slices per second in 0.33 second (or 33 msec, that's almost 200 images per second, the fastest in the industry!)
- Capable of obtaining slice thickness less than 0.4 mm (yes, mm not cm).
- These ultra low temporal and spatial resolutions allow for ideal scanning of the coronaries.
- **Low-dose Pediatric** scanning features
- Not to mention, ultra fast, high-resolution scans of the entire body

Also, we should be finishing up installing our **x-ray/fluoro** equipment this month. For more information, please call me directly. Thank you for your continued support.

Ray

Ray H. Hashemi, M.D., Ph.D.
Director

