

# 64-Slice CT Scanner



## Physician Benefits

- ⇒ Greater speed, higher resolution and exceptional detail
- ⇒ True 64 independent channels vs. competitors
- ⇒ The 64 credit card-thin images are combined to form a spectacular 3-D view
- ⇒ Handles volumes of data vs. slices of data
- ⇒ Full suite of applications to assist in examination of the head, abdomen, spine and chest
- ⇒ Automatic reformatting of images to obtain the clinical views you need to help make an accurate diagnosis
- ⇒ First-rate Medrad dual injector
- ⇒ Mindways Bone Densitometer (conventional system could not image hips)
- ⇒ Automated Pediatric capability vs. manual
- ⇒ Customized patient reports

## 64-Slice Applications

- ◆ Cardiac & Coronary Vessel Analysis (5-Beat Cardiac™)
- ◆ Coronary/Calcium Scoring
- ◆ Angiography Studies
- ◆ Trauma/Chest Pain Management
- ◆ Stroke Workup
- ◆ Oncology/Cancer Care
- ◆ Pulmonary Emboli
- ◆ Inner Ear Ailments
- ◆ Spinal Injuries
- ◆ Abdominal Injuries
- ◆ Pediatric Assessment
- ◆ Kidney Exams
- ◆ Liver Exams
- ◆ Lung Exams
- ◆ Bone Density Scans

## Patient Benefits

- Less-invasion—e.g. no arterial puncture required for CT Angiography
- Faster recovery time
- Increased patient comfort and convenience
- Taller patients do not have to be repositioned
- Greater vessel visualization & shorter breath holds for sick or elderly patients
- Faster patient exams and less stress
- Breathing lights help coach patients making it an easier exam
- Automated dose reduction features
- Lower table height allows easier access/wheelchair access to table

