Clinical benefits

Our 64- slice CT scanner provides the highest speed, image quality, coverage and uses the lowest dose of radiation of any radiology equipment developed to date. In fact, the 64- slice CT scanner offers:

• Visualization of the finest detail within the entire scan field with no increase in dose.
• Uses a lower dose than the traditional single slice CT scan.
• Robust cardiac imaging with the highest rotation time of 0.33 seconds.
• Resolution is 0.33mm.
• Coverage amount is 87mm per second.
• Provides access to non-invasive cardiac diagnosis in clinical routine.
• Provides enhanced therapeutic decision in stroke management.
• Allows for “Tissue at risk” evaluation for differential diagnosis thus maximizing the therapeutic window.
• Provides excellent visualization of complete intracranial vasculature.

Other benefits

• Reduced diagnostic time and length of stay for the patient.

How the 64- slice ct scanner works

From patient preparation to diagnosis, physicians can have direct access to raw data through the PACS system. The 64- slice CT scanner will automatically reconstruct multi planar images, giving physicians additional valuable information.