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The Activion16 offers fast advanced acquisitions through easy operation by just three steps: Ready (select the scan region) - Set (perform scan planning) - Go (start scanning).

CT scanning has never been so easy. The user is guided through each step of the scan planning, simplifying the process even further. The systems' design maximises both operator and patient comfort, allowing the operator to focus on the examination and patient, rather than on the system. 'Due to the incorporated 0.5 mm Quantum detector (used in all Toshiba 4- to 64-slice CT systems) with 350-micron isotropic spatial resolution and the industry's best low-contrast resolution of 2 mm @ 0.3%, the system ensures outstanding image quality in every examination at lowest X-ray dose

Extremely low-dose scanning, combined with a fast scan protocol and Quantum De-noising software, enables an entire lung of 30 cm to be examined in only 10 seconds, resulting in crystal clear, highest resolution images, further expanding diagnostic capabilities. This low-mAs scanning is a great benefit to patients, specifically children\*.

### **3-D CT brain angiography (Toshiba Activion™ 16 with SureSubtraction)**

The new 3-D volume rendering software ensures easy 3-D image generation comparable to high end 3D workstations. Self-evident 3-D preset icons ensure easy operation and quick results, the optional Vessel View package offers additional functionality by generating curved multi-planar reconstructions used for CTA diagnoses.'

The newly developed subtraction algorithm SURESubtraction™ effectively removes bone structures. It ensures high-quality subtraction of scanned series and gets you the best out of a contrast injection because bone or metal can already be removed during the scan procedure. This option enables the user to distinguish calcifications from contrast medium in a more effective way, dramatically increasing the diagnostic value of the examination. Optional Fly through software for Colon or Lung examination complements the versatility of the scanner



All attempts have been made to ensure accurate data. Medical Imaging Resources, Inc. assumes no responsibility for any unintentional errors or omissions.