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The Asteion S4 is a unique combination between economy and quality. Unique as Asteion S4 is the only 4-slice CT using 0.5 mm detector technology with excellent low contrast as well as high contrast resolution properties. Unique as Asteion S4 is the only 4-slice of it's kind capable of tilted helical scanning. Image quality for tilted scans is guaranteed to be of high standard as cone beam correction is standard for tilted helical scanning using the patented TCOT true cone beam reconstruction method.

Scanning has never been as easy as with the new high efficiency Guided Mode. Guided Mode gives experienced users the possibility to scan even more efficient and allows new users to get quickly get acquainted with the new Asteion S4 system. No more looking for clues. Asteion S4 is the best solution for efficient scanning. Unique even as Asteion S4 is the only 4-slice CT equipped with ^{SURE} Exposure, the only method independent of the patient's age, weight or kV value used. Asteion S4 always delivers the optimum dose.

Key features:

Guided Mode for best ergonomics

0, 75 sec/rotation with Helical pitch 8 for fast scanning

4 x 0,5 mm slice thickness for ultra high resolution imaging

^{SURE} Exposure, the unique dose-by-noise regulation control

20 mm detector width for 53 mm per second volume coverage

Tilted helical up to 30° tilted helical scanning with TCOT reconstruction for ensured artefact free imaging in FOV center and boundaries
0.5 mm isotropic voxel for unsurpassed 3D image quality
Unsurpassed scan range of 1800 mm
^{SURE}Start, contrast guided scanning
^{SURE}Scan real time helical scanning with 12 frames/second
Special designed 4.0 MHU X-ray tube for increased patient throughput

Optional CT functionality

3D intervention with ^{SURE}Fluoro*

Features

Highest image refresh-rate with 12 frames per second for single slice view and 24 frames per second for volume view Volumetric imaging with 3 x 8 frames per second

Real-time visualization with a minimum delay time of just 0.33 s between event and appearance on monitor

Requirement

^{SURE}Fluoro package incl. in-room operation satellite and display monitor

Paediatric scanning

Features

Special paediatric scan protocols, including a special scan field of 160 mm and paediatric mAs setting, down to just 3 mAs. The package comes with a special small infant holder

Requirement

KidCT package*

To find out more about these and other options, please [click here](#) and find where to contact your Toshiba representative and learn more about what Asteion can do for you and your patients.

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