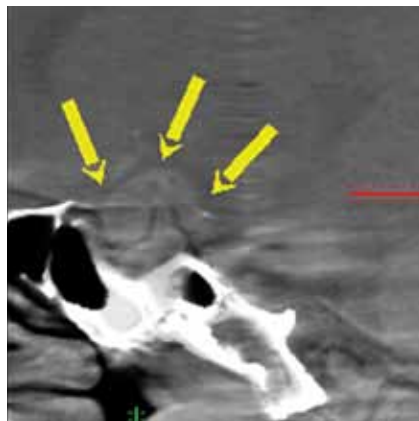
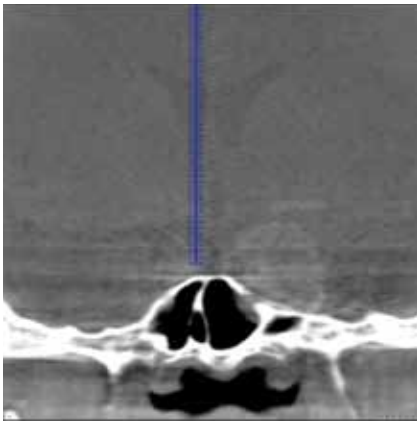


INFINIX-i CARDIOVASCULAR X-RAY SYSTEM

# Low Contrast Imaging: Clear delineation of soft tissue targets.



When you need to better visualize soft tissue density, Toshiba's Low Contrast Imaging (LCI) delivers CT-like images right in your angiography lab. Leveraging dose reduction features and powerful processors inherent in our entire Infinix™-i family, LCI delivers high quality images with low dose and short reconstruction times.

*Using any of three planar views, clinicians can visualize the subtle differences in soft tissue density with greater clarity and without contrast injections, like the cerebral aneurysm pictured above.*

## IMPROVED IMAGE QUALITY AND DOSE MANAGEMENT

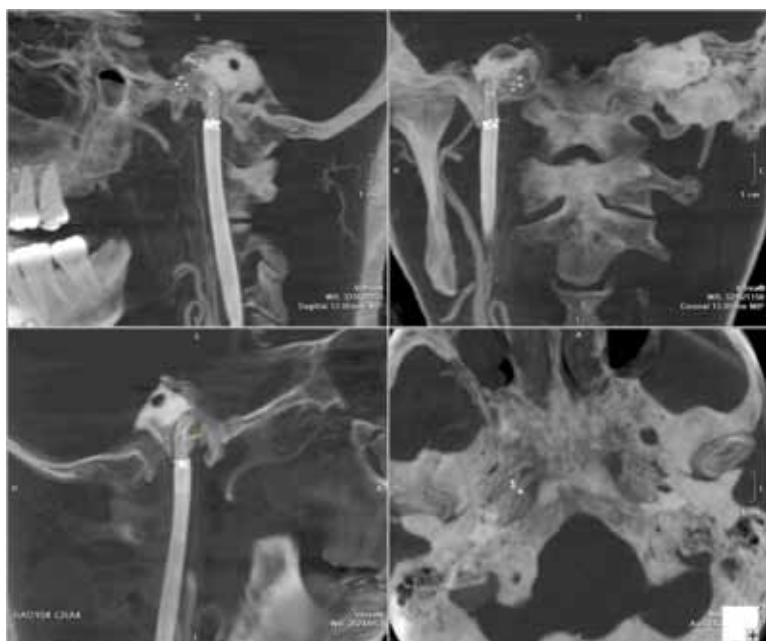
- Provide more efficient care by having low contrast 3D reconstruction capability in your interventional lab
- Capture more clinical detail of anatomy or pathology that can lead to more accurate diagnosis and intervention
- Manage dose delivery with three different acquisition modes



*Trans-jugular hepatic vein cath insertion. Unable to inject due to renal insufficiency. Incidental finding of cyst on right kidney. LCI Middle / Standard Reconstruction mode.*

3D workstation provides multiple display modes appropriate to the procedure. Convenient Display Protocols provide optimum display parameters automatically.

- Volume Rendering (VR) is a 3D manipulation, or fly-around view, that facilitates understanding of spatial relationships of anatomy/pathology
- Maximum Intensity Projection (MIP) optimizes enhancement of injected contrast, particularly in low flow or high dilution situations
- Multi-Planar Reformations (MPR) provide standard axial/sagittal/coronal 2D slice views as well as off-axis or oblique MPR's for "paging" through anatomy



*Tandem stents in RICA. Low visibility Express stent distally.*

#### Acquisition Specifications of Low Contrast Imaging

| Detector Available | FPD1216                      |                                 | FPD12     |
|--------------------|------------------------------|---------------------------------|-----------|
|                    | Portrait                     | 12" x 12"                       | 12" x 12" |
|                    | Landscape                    | 12" x 16"<br>12" x 12"          |           |
| Acquisition        | 1024 <sup>2</sup> , 12 bits  |                                 |           |
|                    | LCI-Low                      | 250 fr/10 sec.                  |           |
|                    | LCI-Middle                   | 400 fr/15 sec.                  |           |
|                    | LCI-High                     | 600 fr/20 sec.                  |           |
| Reconstruction     | Quality                      | 512 <sup>3</sup> , 2 bytes      |           |
|                    | Standard                     | 512 <sup>2</sup> x 256, 2 bytes |           |
|                    | Speed                        | 256 <sup>3</sup> , 2 bytes      |           |
| LCI Resolution     | 30 HU @ Acq-Mid, 10mm/slice  |                                 |           |
|                    | 10 HU @ Acq-High, 10mm/slice |                                 |           |

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