

# Somatom Sensation 64

<b>COMPANY</b>	Siemens Medical Solutions USA, Inc.
<b>PHONE</b>	1-888-826-9702
<b>WEB</b>	<a href="http://www.usa.siemens.com/medical">www.usa.siemens.com/medical</a>
<b>KEY FEATURES</b> <ul style="list-style-type: none"> <li>• 64-slice acquisition with isotropic resolution of 0.4 mm at any pitch</li> <li>• Double z-Sampling technique allows 64 slices without increasing dose</li> <li>• Proprietary Straton x-ray tube's direct anode cooling virtually eliminates tube cooling delays</li> <li>• CT rotation of 0.37 seconds</li> </ul>	

The Somatom Sensation 64, approved by the FDA in April, provides 64-slice sub-millimeter imaging per rotation for submillimeter volume coverage and a gantry rotation time at 0.37 seconds. The new system delivers optimal image quality in cardiac, neurology, and body imaging applications with a spatial resolution of 0.4 mm.



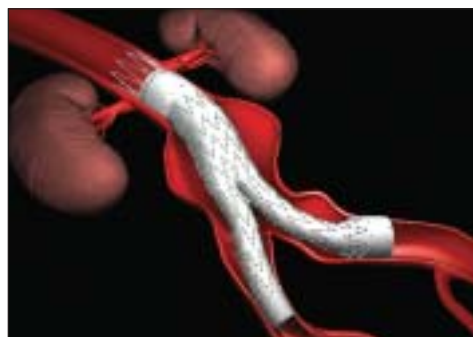
Acquisition of 64 slices per rotation is possible through the new Straton x-ray tube's Double z-Sampling technology and new Siemens proprietary detector technology. Double z-Sampling allows two focal points in the anode by precise deflection of the electron beam, oscillating almost 5000 times per second, within the x-ray tube. This generates two overlapping beams to pass the scan field. The double readout of the detector produces 64 slice projections at down to half the thickness of a detector slice, thus increasing spatial resolution and providing unprecedented image quality, the company states.

# Zenith Flex AAA Endograft

<b>COMPANY</b>	Cook Incorporated
<b>PHONE</b>	(800) 468-1379
<b>WEB</b>	<a href="http://www.zenithstentgraft.com">www.zenithstentgraft.com</a>
<b>KEY FEATURES</b> <ul style="list-style-type: none"> <li>• Larger spaces between stent bodies to enhance conformance in tortuous anatomy</li> <li>• Decreased kink radius</li> <li>• New delivery system expected soon</li> </ul>	

Cook Incorporated (Bloomington, IN) has announced the launch of the latest addition to its Zenith product line—the Zenith Flex AAA Endovascular Graft, which recently gained FDA approval for distribution in the US. The company comments that the system features several significant innovations, such as more widely spaced stent bodies to allow the device to conform to tortuous anatomy.

The new design also decreases the Zenith Flex's kink radius by 40% to 68%, allowing the device to bend around tighter turns in the aorta with less chance of kinking, Cook reports. A new delivery system, the H&L-B One Shot, is currently awaiting FDA clearance. Once the delivery system is cleared, Cook will launch the Zenith Flex. The H&L-B One Shot features the company's new Captor Hemostatic Valve to inhibit blood reflux and air aspiration.



# Coda Balloon Catheter

<b>COMPANY</b>	Cook Incorporated
<b>PHONE</b>	(800) 468-1379
<b>WEB</b>	www.zenithstentgraft.com
<b>KEY FEATURES</b> <ul style="list-style-type: none"> <li>• 40-mm compliant molding balloon</li> <li>• 10-F shaft stable in aortic flow</li> <li>• Rapid inflation and deflation</li> <li>• 120-cm length ideal for thoracic use</li> <li>• Latex-free balloon to avoid allergic reaction</li> </ul>	

Cook Incorporated (Bloomington, IN) recently launched its Coda Balloon Catheter for temporary occlusion of large vessels and the expansion of vascular prostheses. The catheter has a 10-F shaft size that provides stability and allows for a large inflation lumen. The result is exceptionally rapid balloon inflation and deflation, the company reports. This new balloon is ideal for use with thoracic aortic stent grafts. It has 120 cm of useable length and can be expanded to a maximum diameter of 40 mm. The Coda Balloon Catheter is latex-free to eliminate possible allergic reaction in patients with hypersensitivity to latex, unlike other competing molding balloons, Cook added.



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