

PRESS RELEASE



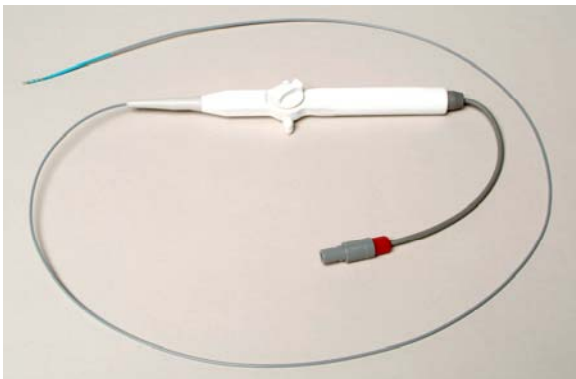
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Micro Miniaturized Magnetic Sensors Guide Interventional Catheters to Internal Targets

Ascension to Launch New 3D Guidance™ Tracker at *TCT 2006*

BURLINGTON, VERMONT; October 11, 2006: **Ascension Technology** will showcase its newest medical tracking device, 3D Guidance, at **TCT 2006** -- the **Transcatheter Cardiovascular Therapeutic Conference and Exposition**, in Washington, D.C., October 23-25, 2006.



1.3 mm sensor integrated into 5 French catheter. Ascension has miniaturized a new generation of magnetic sensors for guiding interventional catheters to targets within the human body.

3D Guidance tracks the position and orientation of one or more tiny sensors, enabling real-time guidance of medical instruments for minimally invasive, image-guided procedures. Sensors, ranging in diameter from 1.8 mm to 0.3 mm, are typically embedded in the distal tip of catheters, scopes and probes. Measurements are unaffected when used in close proximity to intravascular ultrasound arrays.

The development of a new, customizable, flat transmitter now permits tracking on hospital beds and tables containing steel structures. The tracker meets Class 1 Type CF regulations for use within the human body.

Ascension is currently developing new applications for 3D guidance of catheters with its medical partners, including the deployment of stents, delivery of therapeutic agents, and guidance of ultrasound probes.

3D Guidance employs DC magnetic field sensing technology to minimizing conductive metallic distortion, and overcome line-of-sight tracking restrictions.

Jack Scully, Ascension's Vice President of New Business Development, states, "3D Guidance sensors enable physicians to track the precise position of catheters even inside a beating heart. Sensors are now capable of guiding 3 French catheters to internal targets without fluoroscopic exposure or the use of expensive computer equipment."

3D Guidance will be shown in **Booth #247 at TCT 2006**. Representatives will be on hand to provide information about Ascension's tracking products and their diverse medical applications.

Ascension Technology Corporation, based in Burlington, Vermont, USA, is a world leader in magnetic motion tracking solutions for medical applications. More information about Ascension trackers is available at www.ascension-tech.com or from Trish Scott at 802-893-6657, ext 34.

Biomedical references and medical procedures described in this press release are examples of what can be accomplished with tracking and imaging technology once end users and/or systems integrators have complied with all pertinent FDA/CE/IRB directions.

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