

# Make Every Puncture Count

NDI's Aurora<sup>®</sup> electromagnetic tracking solution can provide medical device OEMs with 6DOF needle tracking capabilities for precise targeting and ablation of treatment areas.

Aurora micro-sensors embed directly inside the instrument via flexible configuration options.

5DOF SENSOR REPORTS TOOL'S TIP

6DOF SENSOR REPORTS HANDLE ROLL

Real-time navigation data can be fused with pre- and intra-operative images for added 3D guidance during:

- Depth visualization
- Trajectory planning
- Treatment area targeting
- Instrument positioning

Compatible with most OEM image-guided cryoablation and thermal ablation systems and instruments.

Aurora sensors, field generator, and control units work together within the established tracking volume to:

- Localize instruments in/out of the body
- Calculate instrument positions and orientations
- Relay tracking data to OEM interface for visualization
- Navigate multiple instruments in real time

The Aurora electromagnetic tracking solution provides:

- Tracking without line-of-sight constraints
- Visualization of instrument positions and orientations
- Navigation with sub-millimetre accuracy and precision
- Sensor integration into the smallest OEM instruments
- Customized fit within OEM consoles and workflows

Discover what the Aurora can bring to your OEM Image-Guided Ablation System.

Contact NDI: [info@ndigital.com](mailto:info@ndigital.com)  
1.877.634.6340

