SurGenTec Introduces Targeting Needle for Spinal Procedures

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SurGenTec has introduced a targeting needle for use in spinal procedures, adding an access instrument to its portfolio of products for spine surgeons and surgical teams.

Targeting needles are among the first instruments used in many minimally invasive spine procedures. Rather than exposing the anatomy through a large open incision, the surgeon works through small skin openings and relies on intraoperative imaging, most commonly fluoroscopy, to guide instruments to the intended bony landmark. A targeting needle typically consists of an outer cannula and an inner stylet. It is advanced under imaging to the target, and once position is confirmed, the stylet can be removed so a guidewire or other instrument can be passed through the cannula. Subsequent steps in the procedure build on that initial access point.

Because access is established early, the instrument that performs it receives close attention from surgical teams during evaluation. The characteristics surgeons and operating room staff typically consider include how clearly the needle is visualized under imaging, the tactile feedback the handle and shaft provide during advancement, how securely the stylet locks and releases, compatibility with guidewires and other instruments already in use at the facility, and packaging and sterility format. Preferences vary among surgeons, and many facilities trial instruments before adopting them.

The evaluation process at most hospitals and surgery centers extends well beyond the surgeon. Value analysis committees review new products for cost, clinical need, and overlap with instruments already on the shelf. Sterile processing and operating room staff consider how the instrument arrives, how it is opened onto the field, and whether any components require reprocessing. Purchasing teams look at contract terms and supply reliability. SurGenTec is providing product documentation to support each of those reviews so facilities can make a complete assessment.

SurGenTec developed the spine target needle through an internal research and development process that included gathering input from surgeons on the practical demands of access during spinal procedures,

followed by design iteration and testing. The company is not making claims about clinical outcomes, complication rates, or recovery times associated with the device. Instrument performance in a procedure depends on patient anatomy, imaging quality, surgical technique, and the judgment of the treating surgeon, and outcome claims for medical devices require substantiation through appropriate clinical evidence.

Information on the device's regulatory status, indications for use, contraindications, warnings, and instructions for use is available from SurGenTec. Surgeons and facilities are encouraged to review that labeling in full before use, and product availability may vary by market.

Training is a significant part of the launch. SurGenTec is organizing workshops and hands-on sessions for surgeons and surgical staff covering instrument handling, assembly and disassembly, compatibility with other systems, and the steps described in the instructions for use. These sessions are intended to familiarize teams with the specific instrument, and they are not a substitute for the surgeon's own training and credentialing in minimally invasive spine technique.

The introduction reflects continued growth in minimally invasive approaches across spine surgery. These procedures depend heavily on imaging-guided access, which places practical emphasis on the instruments used in the first steps of a case. Surgical teams evaluating the spine target needle can request product information, labeling, and training details directly from the company.

SurGenTec develops devices and instruments for spine and orthopedic procedures and works with surgeons during product development to understand how instruments are used in practice. Feedback gathered from surgeons and staff after launch will inform future refinements to the instrument and its accompanying materials. The company has indicated it will continue offering education for medical professionals on its products as part of its broader engagement with surgical teams.

Medical professionals seeking product specifications, regulatory information, or training schedules can find details through the SurGenTec website or by contacting the company directly.

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