Docket #: S11-119

Self-anchoring Nerve Block Catheters

The self-anchoring indwelling nerve block catheter permits, via percutaneous administration, continuous and/or intermittent infusion of local anesthetics and adjuvant analgesics for peripheral nerve and plexus anesthesia for surgical anesthesia and pain management. The device consists of the peripheral nerve block needle, the nerve block catheter, and related dressing accessory to secure an indwelling catheter in position for up to 72 hours. The allows for targeted anesthetic delivery following catheter placement, and incorporates a deployable anchoring system that secures the catheter while in situ, preventing its accidental dislodgment or movement. The anchoring system can be safely disengaged for easy removal of the catheter at the end of therapy.

Stage of Research
FDA 510(k) clearance

Applications

- Pain management
- Local anesthetic delivery during surgical procedures
- Local anesthetic delivery during the postopertative period

Advantages

- Peripheral nerve and nerve plexus anesthetic delivery in a single device that anchors to tissue for long term security
- To remain indwelling for up to 72 hours
- FDA 510(k) clearance

Patents

- Published Application: 20110218529
- Published Application: 20140364798
- Published Application: WO2014113721
- Published Application: 20150306350
- Issued: 8,825,129 (USA)
- Issued: 9,511,206 (USA)

Innovators

- Sanjeev Dutta
- Sarah Young
- Karen Shakespear Koenig
- Elliot Krane
- R J Ramamurthi
- Pablo Garcia
- Chunyuan Qiu
- Jonathan Hofius

Licensing Contact

Inyoung Lee

Licensing Manager, Life Sciences

Email