

SOME INDICATIONS:

- Radiculopathies -
- Cervicobrachialgia -
- Backaches -
- Lumbosciatalgia -
- Sciaticas -
- Radicular and FBS5 injuries -
- Neuralgias / Post Herpetic Neuralgias -
- CPRS -

VOYAGER

Ref.	Lenght	Diameter	Connector	Electrode
VA3540-BG	35 cm	4 Fr	Cosman	Bipolar
VA3540-BB	35 cm	4 Fr	Baylis	Bipolar
VA3540-BN	35 cm	4 Fr	Neurotherm	Bipolar
VA3540-BO	35 cm	4 Fr	OWL (Diros Technology)	Bipolar
VA3540-BT	35 cm	4 Fr	TherMedico	Bipolar
VA3540-MC	35 cm	4 Fr	Cosman	Monopolar
VA3540-MB	35 cm	4 Fr	Baylis	Monopolar
VA3540-MN	35 cm	4 Fr	Neurotherm	Monopolar
VA3540-MO	35 cm	4 Fr	OWL (Diros Technology)	Monopolar
VA3540-MT	35 cm	4 Fr	TherMedico	Monopolar

GET

Ref.	Description
IA0915	GET - Sacral Epidural Introducer 91mm x 14 G
IA091C	GET - Cervical Epidural Introducer 91mm x 14 G



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Epidural Steerable Multifunctional
 Bipolar Electrocatheter
 for Radiofrequency Treatment



Pulsed radiofrequency
 Stimulation - Infusion

KOQEK MTC

AlfaMed



Bipolar Multifunctional Epidural Electrocather with Steerable Active Tip, designed for Electrical Stimulation, for pulsed radiofrequency epidural spinal neural structures (spinal nerves, dorsal nerve roots and the respective posterior dorsal ganglia) and pharmacological treatments. Electrocather is designed for chronic neuropathic painful pathologies treatment of the epidural space.

The electrocatheter is inserted through an introducer needle into the epidural space via hiatus sacral channel or via the intervertebral way. The electrocatheter is connected to a Radiofrequency Generator in stimulation modality and pulsed RF Radiofrequency.

In the bipolar version, the two opposite sign electrodes located into the electrocatheter tip, associated to the generator, allow to generate an electrical bipolar field, that interrupts the nervous stimulus conduction inhibiting pain transmission. Bipolar electrical field avoids the electrocautery plate or active electrode cannula use, with the advantage that the current flow is optimized and the energy is not dissipated but is concentrated in the area to be treated, ensuring Electrical Stimulation and a more precise and selective Radiofrequency.



MULTIFUNCTIONAL

- (Motor and Sensory) Stimulation of dorsal nervous structures, directed to the research and the correct identification of the pain origin, to get an accurate and a correct positioning of the tip, to identify the nerve roots to be treated with PNS
- Pulsed Radiofrequency Treatment (PRT) on several levels, of spinal and dorsal nervous structures.
- Spinal cord stimulation (Cord = Radicular)
- Pharmacological treatments by selective drugs infusion on the target to be treated in the spinal canal or contrast liquids infusions.
- Treatment for periduritis, or adhesions lysis by epidural way, adhesiolysis percutaneous decompression and epidural fibrosis, with electrical evocation tests.

HANDLE

- Ergonomic
- The Orientation mechanism of the tip to facilitate the navigation and the advancement of the electrocatheter into the epidural space, even in the presence of fibrous tissue, for a faster and precise achievement and positioning of the active tip in the target to be treated with Stimulation, Radiofrequency and subsequent selective drugs injections. Furthermore, it allows the possibility of treating in the same operative session, complex unilateral and bilateral diseases, even on multiple levels.
- Reduction of the times, greater effectiveness of the treatment and a safer therapeutic result.
- Block system of the tip. The system prevents the displacement of the electrocatheter tip once it is positioned on the target to be treated.



CONNECTORS

- Direct connection of the electrocatheter to the various Radiofrequency Generators, without the aid of adapters. Absence of Cold Joints.
- Dedicated connector for each different Radiofrequency Generator

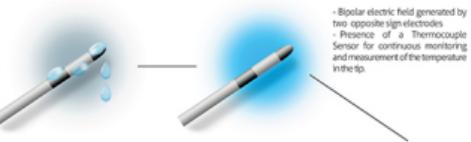
SPINDLE

Presence of block valve to prevent its displacement

INFUSIVE WAY

- Presence of a dedicated lumen for drug infusions
- Possibility to proceed to infusion even in the presence of the spindle inserted inside the electrocatheter

Targeted and selective infusion of drugs on the target to be treated



Radiopaque and flexible electrocatheter body. Presence of centimeter markings



- Bipolar electric field generated by the opposite tip electrodes
- Presence of a Thermocouple Sensor for continuous monitoring and measurement of the temperature in the tip.

Radiopaque flexible, soft,atraumatic, radiopaque and orientable tip

INTRODUCER "GET"

- Sacral and cervical access
- Radiopaque in plastic Braider material, reinforced with special reinforced atraumatic tip, which reduces the possibility of injuring the catheter



Infusional way with specific extension cable

