PROVEN, DURABLE RELIEF
The Intrasept® Procedure
FOR CHRONIC VERTEBROGENIC LOW BACK PAIN
Vertebral Endplates are a Significant Source of Chronic Low Back Pain

Research Findings

1. Vertebral endplates are more innervated than intervertebral discs¹

2. The basivertebral nerve innervates the endplates and proliferates in damaged and degenerated endplates²,³

3. Modic changes and associated endplate damage strongly correlate with chronic low back pain⁴,⁵,⁶,⁷,⁸

Collectively, these findings validate vertebral endplates as a significant source of chronic low back pain in patients with Type 1 or Type 2 modic changes, also referred to as vertebrogenic pain, and this pain is transmitted via the basivertebral nerve.

References on back panel.
The Intratect Procedure for the Relief of Chronic Vertebralgenic Low Back Pain

The Intratect Procedure is a minimally invasive procedure that targets the basivertebral nerve for the relief of chronic vertebrogenic low back pain.

Key Benefits of Intratect

- Provides a treatment option for patients who have not responded to conservative therapy
- Minimally invasive, outpatient procedure
- Implant-free and preserves the structure of the spine
- Provides durable relief of chronic vertebrogenic low back pain

Indications and Risks

The Intratect Intraosseous Nerve Ablation System is intended to be used in conjunction with radiofrequency (RF) generators for the ablation of basivertebral nerves of the L3 through S1 vertebrae for the relief of chronic low back pain of at least six months duration that has not responded to at least six months of conservative care, and is also accompanied by features consistent with Type 1 or Type 2 Modic changes on an MRI such as inflammation, edema, vertebral endplate changes, disruption and fissuring of the endplate, vascularized fibrous tissues within the adjacent marrow, hypointensive signals (Type 1 Modic change), and changes to the vertebral body marrow including replacement of normal bone marrow by fat, and hyperintensive signals (Type 2 Modic change).

As with any surgical procedure, there are risks and considerations associated with the Intratect Procedure. Please see the device labeling for a discussion of the risks, contraindications, warnings and precautions.
Intracept Procedure Steps

1. **Access the pedicle**
   Under fluoroscopic guidance, the Intracept Introducer Cannula is advanced through the pedicle.

2. **Create the channel**
   The Intracept Curved Cannula is utilized to create a channel to the trunk of the basivertebral nerve.

3. **Place the RF Probe**
   The Intracept Radiofrequency Probe is inserted into the curved path and placed at the basivertebral nerve.

4. **Ablate the BVN**
   The Relievant Radiofrequency Generator is utilized to ablate the basivertebral nerve.
Demonstrated Durable Relief at 5 Years

Mean ODI Over Time

ODI decrease of 61% in patients with a 5 year follow-up

Mean VAS Over Time

VAS decrease of 65% in patients with a 5 year follow-up

VAS Improvements

Proportion of Patients by % VAS Reduction (Baseline to 5 Years)

Reproducible Outcomes

Improvement in ODI from Baseline to 3-Months
REFERENCES


