

JOINT ABLATION SYSTEM

AN ENDOSCOPIC SYSTEM FOR A SAFER AND MORE PRECISE TREATMENT OF FACET JOINT SYNDROME



INNOVATIVE TREATMENT FOR FACET JOINT SYNDROME

The MAX J@BLATION system is exclusively designed as a system to treat facet joints. It uses HF/RF to deliver high heat in a posterior capsulectomy procedure that:

- Treats the posterior synovial capsule
- Removes the facet joint nerve receptors
- Terminates the nerve

The use of the MaxMoreSpine 5.5mm Endoscope allows to operate under direct visualization.



Easy-to-use

The physician designed and tested MAX J@BLATION system incorporates procedural simplicity, including:

- Minimally invasive procedure
- Three Effects, based on patients BMI, designed to deliver precise therapy for each patient
- Automatic control of therapy time

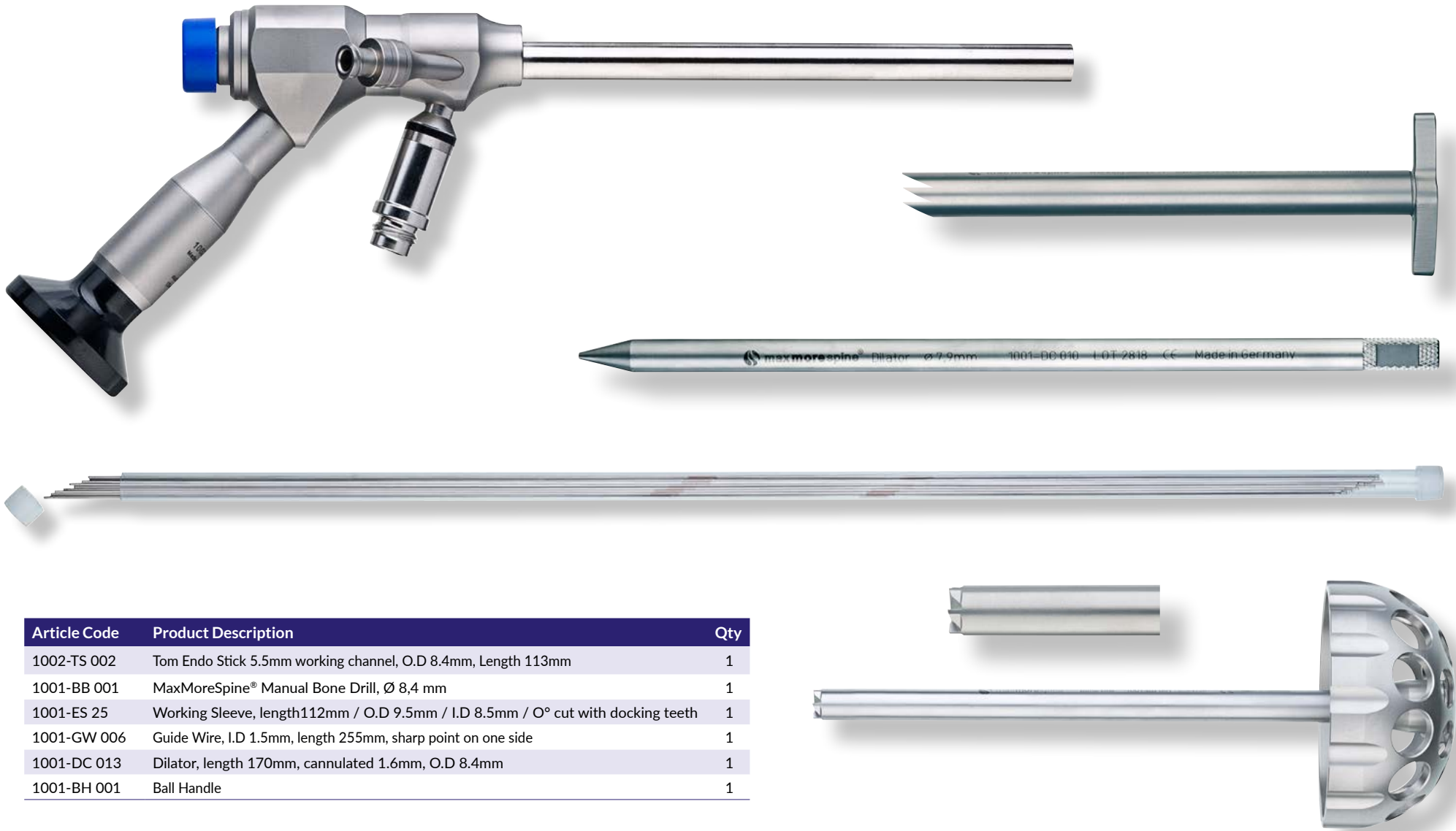
Innovative treatment for facet joint syndrome

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The MAX J@BLATION procedure

1. Place the patient in a prone position, drape and prepare the treatment site(s) following standard techniques.
2. Determine desired treatment location via fluoroscopy, and mark skin.
3. Make a 10 – 15mm incision in a location that takes into account the angle of approach required to reach the targeted facet joint.
4. Using fluoroscopic guidance, advance the K-wire into the incision until it reaches the facet joint. Tap the wire gently into the bone using a small hammer. Confirm via fluoroscopy the correct position of the K-wire.
5. Insert the Dilator over the K-wire and confirm via fluoroscopy the correct position of K-wire and Dilator.
6. Insert the Working Sleeve over the Dilator / K-wire
7. Remove the Dilator / K-wire and insert the Endoscope in the Working Channel to get an overview on the capsular / joint
8. Remove the Endoscope and insert the drill to shave the capsular / joint
9. Remove the drill and insert the Endoscope and RF Probe and coagulate the capsular
10. Remove all instruments and close the incision using standard techniques.
11. Move to the next treatment location and repeat steps 1 – 10.

MAX J@BLATION SYSTEM



Article Code	Product Description	Qty
1002-TS 002	Tom Endo Stick 5.5mm working channel, O.D 8.4mm, Length 113mm	1
1001-BB 001	MaxMoreSpine® Manual Bone Drill, Ø 8,4 mm	1
1001-ES 25	Working Sleeve, length112mm / O.D 9.5mm / I.D 8.5mm / O° cut with docking teeth	1
1001-GW 006	Guide Wire, I.D 1.5mm, length 255mm, sharp point on one side	1
1001-DC 013	Dilator, length 170mm, cannulated 1.6mm, O.D 8.4mm	1
1001-BH 001	Ball Handle	1



HOOGLAND SPINE PRODUCTS

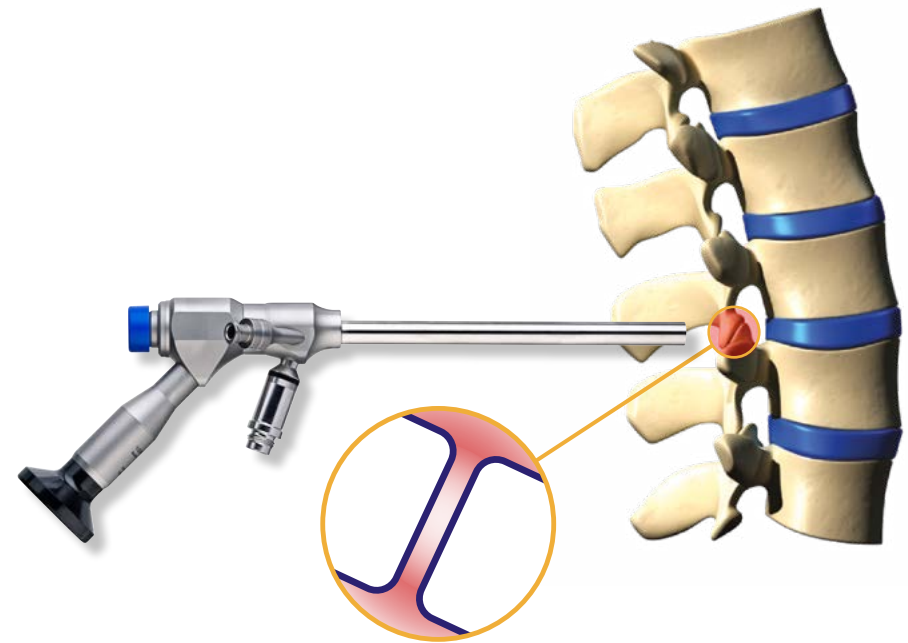
GmbH was founded October 2006 in Munich, Germany. The aim of the company is to develop, produce and distribute instruments for minimal invasive surgery. The company is built upon over 20 years of experience in the field of arthroscopy, endoscopy, instrument engineering and spine surgery.

The late Dr. Hoogland is looking back at over 13.000 cases of spine surgery, most of them minimal invasive. Starting in the 80's with scoliosis surgery and laminectomy for disc herniation the surgical spectrum has moved into target surgery for herniated discs, disc degeneration and facet joint pathology. In the 90's he developed a spine scope with adequate working channel, in cooperation with the Medi-Tech company, and acquired a patent on instruments to enlarge the spinal foramen.

Production and distribution of an adequate set of instruments and documentation equipment appeared difficult in terms of manufacturing of the proper elements. The first instruments yielded significant technical difficulties with a steep learning

curve. Therefore a physician controlled company was founded, new, safe and easy instruments were developed.

The young innovative team of Hoogland Spine Products ensure best high tech standards by combining a close efficient cooperation with leading doctors and Centers from all over the world. Our Research and Development Team constantly works on more efficient and simpler solutions. Through listening and understanding what the needs of doctors are, we are able to quickly adapt and implement safe, intelligent and practical instruments without prolonged developing processes known from bigger companies. This is appreciated by our customers and most important by the patients.



Early in 2007 the new complete spinal endoscopy set was introduced to the spine surgery community and a training center was established adjacent to the Alpha Klinik in Munich Germany.

Hoogland Spine Products are confident that the now available systems will revolutionize the approach for all kind of herniations on all levels. The technique and approach allows also a completely new management of disc degeneration and facet joint hypertrophy. The management of modern intravenous anaesthetics allows extensive spinal procedures in local anaesthesia. This minimizes the risks of spine surgery and opens new windows of opportunity for the steep increase of degenerative spine conditions.

CONTACT US

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