Set for the Endoscopic Decompression of Peripheral Nerves
KRISHNAN Recommended Set
Introduction

Endoscopic techniques have come to play an increasingly important role in the surgical treatment of various nosological entities, facilitated and accelerated through the sustained development and availability of surgical tools.

The KRISHNAN set for the endoscopic decompression of the peripheral nerves offers the user perfectly coordinated instrumentation for endoscopic nerve decompression and transposition in the case of peripheral nerve compression syndromes (carpal tunnel, cubital tunnel and tarsal tunnel, brachial plexus).

A special feature of the employed endoscope technique is that the endoscope is not introduced into the nerve canal, but rather above it. Consequently, it offers an excellent bird’s eye view of the surgical site. Additionally, nerve injury by means of improper introduction into the nerve canal is excluded.

Benefits:

- Easy to handle and learn
- Reproducibility: Can be used to decompress any nerve
- No additional compression of the nerve canal during the procedure (in contrast to ECTR in current use)
- Constant monitoring of the involved nerve during manipulation
- Visual control of the involved neural branches and nourishing vasa nervorum
- No risk of nerve injury during the procedure
- Speedy recovery of nerve due to preserved vasa nervorum
- Short operating time
- Reduced treatment costs
- Reduced hospital stay of patients (all procedures are performed on an outpatient basis)
- Rapid recovery of patients from surgical procedure
The Optical Retractor

The ergonomic handle made of aluminium and coated with Teflon enables easy and effortless retraction of soft tissue. The retractor is available in two sizes:
The 8 mm retractor is generally used for carpal tunnel and tarsal tunnel procedures. The 15 mm retractor is more suitable for other localizations, e.g., the cubital tunnel or lateral femoral cutaneous nerve.
The new retractor system offers the following advantages:

- The ergonomic handle made of aluminium and coated with Teflon enables easy and effortless retraction of soft tissue

- The retractor is available in two sizes:
  The 8 mm retractor is generally used for carpal tunnel and tarsal tunnel procedures

- The 30° endoscope provides a bird’s eye view

- Integrated suction channel for the removal of smoke during coagulation saves time

- The cut-off hole enables suction as required

- Possible to connect the retractor to a holding arm to allow ergonomic work with both hands (e.g., nerve suturing)

- Fixation screw enables adjustment of the position of the endoscope in the retractor and to control the penetration depth of the endoscope

- Cost-saving in comparison to single-use products due to autoclavability
Instrument set recommended by KRISHNAN
Instrument Set

Peripheral Nerve Set
KRISHNAN Recommended Set

28163 PN  Peripheral Nerve Set
consisting of:

28731 AWA  HOPKINS® Straight Forward Telescope 0°, enlarged view, diameter 4 mm, length 18 cm, autoclavable, fiber optic light transmission incorporated, color code: green

28731 BWA  HOPKINS® Forward-Oblique Telescope 30°, enlarged view, diameter 4 mm, length 18 cm, autoclavable, fiber optic light transmission incorporated, color code: red

28163 RKB  Optical Retractor, with handle, with cut-off hole for suction, width of blade at proximal end 15 mm, at distal end 7.5 mm, with fixation screw for control of penetration depth of endoscope, for use with Irrigation Sheaths 28163 RSA/RSB and HOPKINS® telescopes diameter 4 mm

28163 RSB  Irrigation Sheath 30°, outer diameter 4.8 x 6 mm, working length 14 cm, for Optical Retractors 28163 RKB/RKS, for use with HOPKINS® telescopes diameter 4 mm and KARL STORZ lens irrigation system CLEARVISION® II

28163 RSA  Irrigation Sheath 0°, outer diameter 4.8 x 6 mm, working length 14 cm, for Optical Retractors 28163 RKB/RKS, for use with HOPKINS® telescopes diameter 4 mm and KARL STORZ lens irrigation system CLEARVISION® II

28163 RKS  Optical Retractor, with handle, with cut-off hole for suction, width of blade at proximal end 8 mm, at distal end 7.5 mm, with fixation screw for control of penetration depth of endoscope, for use with Irrigation Sheaths 28163 RSA/RSB and HOPKINS® telescopes diameter 4 mm

28164 EC  CASTELNUOVO Double Elevator, blunt end angled, semisharp end slightly curved, graduated, length 26 cm

28163 EK  HALLE Elevator, width 4 mm, length 19 cm

28163 SCD  REYNOLDS Dissecting Scissors, curved, delicate tips, length 18 cm

28163 SC  FOMON Angular Scissors, serrated blades, slender, working length 6.5 cm

798418  HEGAR Needle Holder, slender, length 18 cm

794228  ADSON Artery Forceps, curved 90°, slender, length 18 cm

794814  OCHSNER-KOCHER Artery Forceps, 1 x 2 teeth, curved, length 14 cm

2x 844523  Bipolar Coagulation Forceps, insulated, bayonet-shaped, tip 0.7 mm, length 23 cm, for use with Bipolar High Frequency Cords 847000 E or 847000 A/M/T/V

2x 533112  ADSON Tissue Forceps, 1 x 2 teeth, length 12 cm

2x 530416  "ATRAUMA" Atraumatic Tissue Forceps, width of jaws 2 mm, length 16 cm

It is recommended to check the suitability of the product for the intended procedure prior to use.