

## Research and Goals

Our goal is to bring to the market innovative products. We don't sell products, but healthcare solutions. Therefore, initiated research based projects are closely related to clinical practice.

In addition several leading academic centres use our revolutionary 7StarScope® to discover and develop interventional pain treatments, diagnostics and new regional anesthesia techniques under direct vision.

## Technical data 7StarScope®

### Optical system

Image control system 10.000 pixel  
Field of vision 120°  
Outer diameter 0,9 mm  
Optic length 180 mm and 310 mm

### Light connection

ACMI adapter  
Integrated fiber-optic lighting  
Reinforced nitinol optic

## Technical data C-Tower®

### Dimensions

Height 112 mm  
Width 340 mm  
Depth 390 mm

Xenon light source  
High resolution camera with superfast shutter  
Brilliant 15 inch(38,1cm) display  
Image capture module for picture and video

Accessory: carrying case L594 x B419 x H185

7StarScope® is a clinical invention of Rob van Seventer, Pain Specialist/Anesthesiologist at Amphia Hospital and a technical development of Mr H.G. Schaaf, with the patented optic system of Polydiagnost GmbH.



unique  
**7StarScope®**  
Optic cannula for a safe nerve approach under direct vision  
innovation



### Revolutionary technique:

- . Direct vision of the nerve
- . For diagnostic purposes
- . For accurate injections
- . For low doses regional anesthesia
- . For exact catheter placement
- . For RF procedures like Chordotomy, Sympathectomy and others
- . 10.000 pixel optic
- . Including light source fibers
- . Broad 120° viewing angle
- . Flexible optic 0,9 mm
- . Several cannulas available from 15 G till 18,5 G
- . Modular system compatible with most endoscopic towers

### From blind technique to direct vision

For years the approach to a nerve was based on blind techniques. Several devices like stimulators, fluoroscopy and ultrasound facilitated the guidance of the needle to the target. Today the 7StarScope® optic offers you the revolutionary technique to approach the nerve under direct vision.

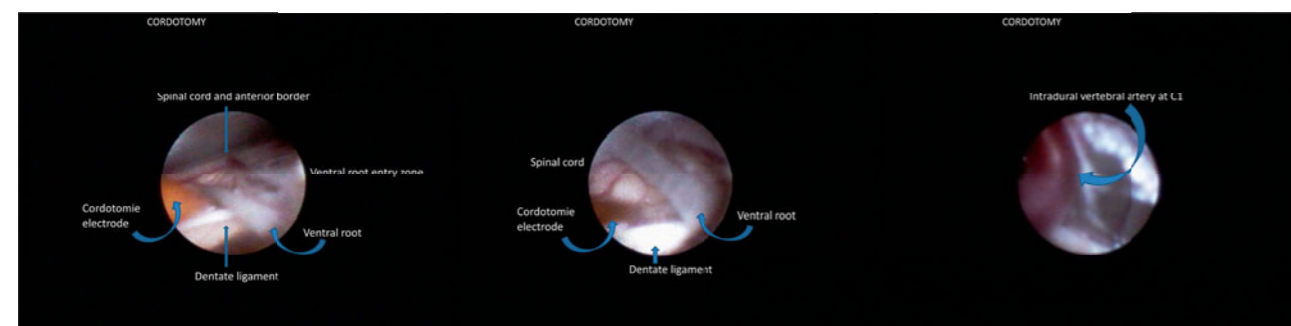
### Controlled Pain management

Reducing the burden of uncontrolled chronic pain is a societal necessity, a medical challenge and an economic requirement. A greater emphasis on pain management by the medical community and widespread clinical practice guidelines on pain, increased the demand for pain-control under direct vision with technical tools for treatment applications and spurred manufacturers to introduce products that are more effective in reducing pain. It is now available for you, ready for clinical use, either for diagnosis or treatment: The 7StarScope®.

With the 7StarScope® healthcare providers can easily and safely apply otherwise difficult interventional techniques, performed and controlled under direct vision to manage severe chronic pain or improved regional anesthesia.

### Accurate Regional Anesthesia

For the widespread and popular use of anesthetic techniques in the conscious patient, i.e. regional techniques for per- and postoperative pain. Today, apart from treatment of chronic pain our company is focused on ways to safely and effectively apply local and regional anesthesia for acute nociceptive pain with the use of the 7StarScope®.



### Available sizes



- . 7StarScope cannula, 2-port, 7cm, 16G, 0° bevel including trocar pyramid 2mm, disp. Insertion of disposable Chordotomy electrode possible
- . 7StarScope cannula, 2-port, 14cm; 18,5G; 30° bevel including trocar 30° bevel, disp. Only for diagnostic and injection
- . 7StarScope cannula, 2-port, 16cm; 18,5G; 30° bevel including trocar 30° bevel, disp. Only for diagnostic and injection
- . 7StarScope cannula, 3-port, 14cm, 15G, 30° bevel including trocar 30° bevel, disp. Insertion of 23G TOP needles possible

# C-Tower®

### C-Tower®

Compact combined endoscopic monitor

### 4 devices in one:

- . 15 inch Monitor
- . Xenon Light Source
- . High Resolution Camera
- . Image capture with USB connector

The perfect imaging for minimal invasive endoscopes

