



Intraoperative Neuromonitoring
Functional Neurosurgery
Pain Treatment
Neurological Diagnostics

C3 CryoSystem

>> APPLICATION AREA

Lumbar, thoracic and cervical facet joint denervation and treatment of sacroiliac joint pain



Freezing
to eliminate back pain!

> CRYOANALGESIA

THE APPLICATION

The main indication for cryoanalgesia is treatment-resistant chronic pain in the spinal area – most commonly the lumbar facet syndrome.

If medical pain therapy or facet joint injections do not alleviate chronic back pain, following a definitive diagnosis, neuro-destructive treatments can bring lasting abatement. By selective interruption or modification of the pain signal conduction, cryoanalgesia is an effective alternative for pain relief.

The special C3 CryoProbe from inomed allows cryotherapy to be applied to the peripheral nerve.



Intuitive Handling

The C3 CryoSystem distinguishes itself through its simple and intuitive graphical user interface – guiding the user safely through the treatment process.



- > well designed on-screen menus
- > the intuitive graphical display takes the user step by step through actions showing how the system can be operated by hand or via the foot switch
- > clear instructions for use ensure the user has all the information necessary to monitor and control the treatment process

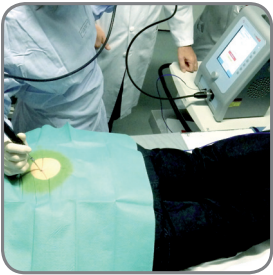
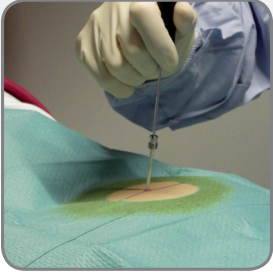


Foot switch

The complete treatment procedure including documentation can be navigated and managed with the foot switch.

> PROCEDURE

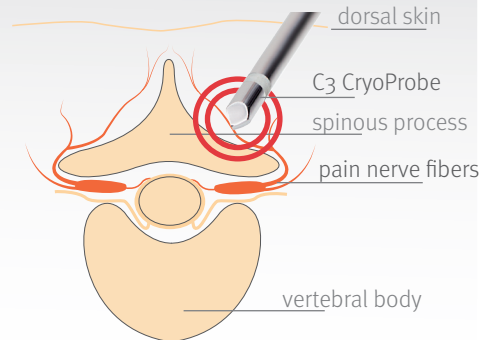
Identification of the target area using imaging techniques



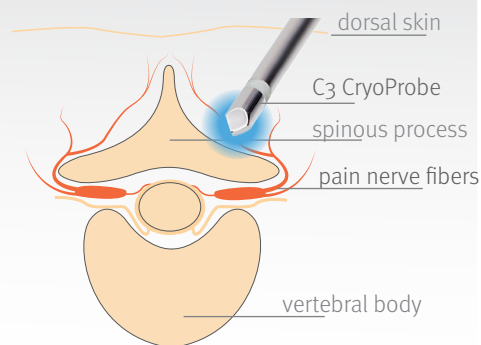
1. Automated rinsing procedure

2. Insertion of the C3 CryoProbe, optionally after positioning of the cannula

3. Integrated electrical stimulator enables precise **localization** of the target point



4. Nerve lesioning via low temperature (freezing)



5. Defrost for safe probe extraction

6. Documentation

>> Benefits

- ▶ lasting pain relief through selective interruption of the pain signal conduction
- ▶ no risk for the sensory and motor nerves
- ▶ minimally invasive
- ▶ ambulant treatment possible
- ▶ additional therapeutic treatments such as physiotherapy support the lasting effects of pain relief
- ▶ replication possible if necessary

Further fields of application:

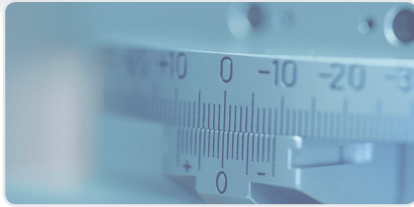
- spinal facet syndrome
- pseudoradicular postnucleotomy syndrome (radiating pain after intervertebral disc surgery)
- coccygodynia (coccyx or tailbone pain)
- post-thoracotomy pain
- primary and secondary intercostal neuralgia
- neuroma pain syndromes
- Scar pain



Easy and flexible **storage of patient data and treatment reports** is also possible via the integrated barcode scanner



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- » Partnership
- » Precision
- » Innovation



inomed 
we share competence

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Article information



Foot switch

Art.-No. 217 010

Foot switch for C3 CryoSystem



Probes

Art.-No. 217 200

**C3 CryoProbe 2.1 mm sharp for C3 CryoSystem
incl. sterilization cap**

- reusable
- autoclavable

Art.-No. 217 100

**C3 CryoProbe 1.3 mm blunt for C3 CryoSystem
incl. sterilization cap**

- reusable
- autoclavable

Cannulas

Art.-No. 217 660

Cryo-Disposable cannula for C3 CryoProbe 2.1 mm
with mandrin, total length 96.3 mm, working length 62.5 mm,
OD = 2.6 mm

- disposable product
- ETO-sterilized

Art.-No. 217 680

Cryo- Disposable cannula for C3 CryoProbe 2.1 mm
with mandrin, total length 126.3 mm, working length 92.5 mm,
OD = 2.6 mm

- disposable product
- ETO-sterilized

Art.-No. 217 604

Cryo-Disposable cannula for C3 CryoProbe 1.3 mm
with mandrin, total length 74.6 mm, working length 45 mm,
OD = 1.8 mm

- disposable product
- ETO-sterilized

Art.-No. 217 606

Cryo-Disposable cannula for C3 CryoProbe 1.3 mm
with mandrin, total length 94.6 mm, working length 65 mm,
OD = 1.8 mm

- disposable product
- ETO-sterilized

Art.-No. 217 609

Cryo-Disposable cannula for C3 CryoProbe 1.3 mm
with mandrin, total length 124.6 mm, working length 95 mm,
OD = 1.8 mm

- disposable product
- ETO-sterilized



Further information is available on our website:

www.inomed.com