

7. p. d. Implantai, išdubusios krūtinės
deformacijos gydymui

PES

PECTUS
EXCAVATUM
SYSTEM

Funnel chest
Pectus excavatum



FUNNEL CHEST PECTUS EXCAVATUM

Using the Pectus Bar, the deformed bone structure of the thorax (chest wall, sternum, etc.) is moved from the inside to the outside as a result of support and counter pressure, thus correcting the deformity.

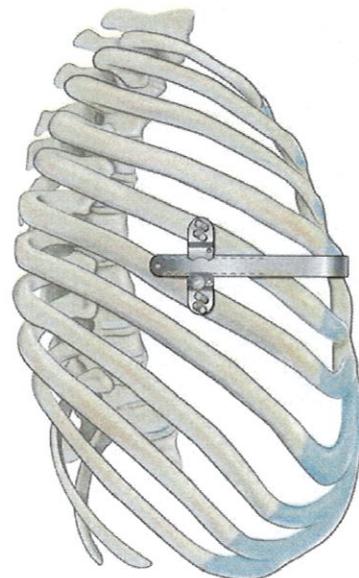
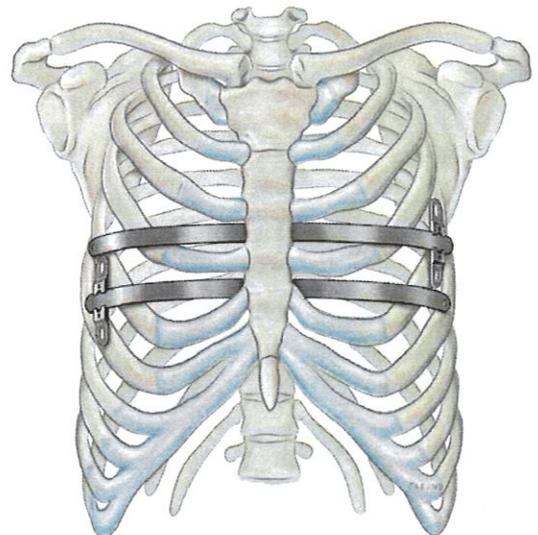
The implants are not suitable for replacing chest wall structures. With the aid of the bars it is possible to press the funnel chest outwards. However, it is not always possible to plan or foresee to what extent short, medium and long-term correction of the deformity can be achieved.

Reduction of the sternum is performed using the tunneling instrument. The outcome achieved in this way can then be fixed and maintained by the in situ pre-shaped implant. The cosmetic outcome cannot always be predicted prior to surgery.

Age of the patients to be treated:
Pectus excavatum should not be treated with PES in children still growing.

Our recommendation: Application of PES implants in patients who have completed puberty.

Depending on the type of deformity, its form of manifestation, symmetry or asymmetry and complexity (concomitant scoliosis, kyphosis, extremely prominent costal arches, etc. the implant can be exposed to increase mechanical strain postoperatively.



IMPORTANT NOTE

Before using for the first time, it is absolutely essential to read our „Application Manual“ and our Instructions for Use. We always recommend intensive product training and briefing by MedXpert or an authorised specialist dealer prior to the first intervention using products of this system.

IMPLANTS



PECTUS BAR, SMOOTH ENDS

- Smooth ends for atraumatic implantation and explantation
- \varnothing 5 mm drill holes on both sides for insertion of a thread-through band as well as a Pectus BarLock™ Pin
- Compatible with all Pectus Bar Stabilizers

024-09229	Pectus Bar, smooth ends, 229 mm
024-10254	Pectus Bar, smooth ends, 254 mm
024-11279	Pectus Bar, smooth ends, 279 mm
024-12305	Pectus Bar, smooth ends, 305 mm
024-13330	Pectus Bar, smooth ends, 330 mm
024-14356	Pectus Bar, smooth ends, 356 mm
024-15381	Pectus Bar, smooth ends, 381 mm
024-16406	Pectus Bar, smooth ends, 406 mm
024-17432	Pectus Bar, smooth ends, 432 mm



PECTUS BAR, UNIVERSAL

- atraumatisch
kann sein* →
- Smooth ends for atraumatic implantation and explantation
 - Rounded indentations placed on both sides for insertion of the Pectus Locking-Screw, Universal, and for secure attachment of the Pectus Bar Stabilizer, Universal
 - \varnothing 5 mm drill holes on both sides for insertion of a thread-through band as well as a Pectus BarLock™ Pin
 - Compatible with all Pectus Bar Stabilizers
- 7.2 →
kann sein*

7.1 p.d.

Fibersäure photo

025-07178	Pectus Bar, Universal, 178 mm
025-08203	Pectus Bar, Universal, 203 mm
025-09229	Pectus Bar, Universal, 229 mm
025-10254	Pectus Bar, Universal, 254 mm
025-11279	Pectus Bar, Universal, 279 mm
025-12305	Pectus Bar, Universal, 305 mm
025-13330	Pectus Bar, Universal, 330 mm
025-14356	Pectus Bar, Universal, 356 mm
025-15381	Pectus Bar, Universal, 381 mm
025-16406	Pectus Bar, Universal, 406 mm
025-17432	Pectus Bar, Universal, 432 mm
025-18458	Pectus Bar, Universal, 458 mm
025-19483	Pectus Bar, Universal, 483 mm



PECTUS BAR, SERRATED ENDS

- Serrated ends for secure attachment of a Pectus Bar Stabilizers using an aid (wire, suture material, not recommended by MedXpert)
- \varnothing 5 mm drill holes on both sides for insertion of a thread-through band as well as a Pectus BarLock™ Pin
- Compatible with all Pectus Bar Stabilizers

022-07178	Pectus Bar, serrated ends, 178 mm
022-08203	Pectus Bar, serrated ends, 203 mm
022-09229	Pectus Bar, serrated ends, 229 mm
022-10254	Pectus Bar, serrated ends, 254 mm
022-11279	Pectus Bar, serrated ends, 279 mm
022-12305	Pectus Bar, serrated ends, 305 mm
022-13330	Pectus Bar, serrated ends, 330 mm
022-14356	Pectus Bar, serrated ends, 356 mm
022-15381	Pectus Bar, serrated ends, 381 mm
022-16406	Pectus Bar, serrated ends, 406 mm
022-17432	Pectus Bar, serrated ends, 432 mm
022-18458	Pectus Bar, serrated ends, 458 mm
022-19483	Pectus Bar, serrated ends, 483 mm

IMPLANTS AND ACCESSORIES

PECTUS BAR TEMPLATE

7.4.p.d.

- Surgical preparation outside the body for determining a suitable implant
- Pectus Bar Templates may not be implanted

Fibrosinus plethelis Sablonas

- 021-07178 Pectus Bar Template, 178 mm
- 021-08203 Pectus Bar Template, 203 mm
- 021-09229 Pectus Bar Template, 229 mm
- 021-10254 Pectus Bar Template, 254 mm
- 021-11279 Pectus Bar Template, 279 mm
- 021-12305 Pectus Bar Template, 305 mm
- 021-13330 Pectus Bar Template, 330 mm
- 021-14356 Pectus Bar Template, 356 mm
- 021-15381 Pectus Bar Template, 381 mm
- 021-16406 Pectus Bar Template, 406 mm
- 021-17432 Pectus Bar Template, 432 mm

PECTUS BAR STABILIZERS

Sliding Pectus Bar Stabilizers onto the Pectus Bar prevents the implanted Pectus Bar from tilting.



022-02010
Pectus Ribas Bar Stabilizer, Low Profile



022-01010
Pectus Bar Stabilizer, Low profile

PECTUS BAR STABILIZER, UNIVERSAL

7.2.p.d.

Sliding Pectus Bar Stabilizers onto the Pectus Bar prevents the implanted Pectus Bar from tilting.

Stabilizatorius



025-02028
Pectus Bar Stabilizer, Universal, R, 2 x Ø 4 x 8 mm

bešines p.



025-02029
Pectus Bar Stabilizer, Universal, L, 2 x Ø 4 x 8 mm

Kairis p.

PECTUS LOCKING-SCREW, UNIVERSAL

7.3.p.d.

Using the Pectus Locking-Screw, Universal, the Pectus Bar Stabilizer, Universal can be secured to and locked into the Pectus Bar, Universal.

7.3.p.d.



025-02010
Pectus Locking-Screw, Universal

Uindinomas saugtas

PECTUS BARLOCK™ PIN

Pectus BarLock™ Pin for securing the Pectus Bar Stabilizer on the Pectus Bar.



022-01050
Pectus BarLock™ Pin

PECTUS ALLERGY TEST PLATE

Pectus Allergy Test Plate from implant material (1.4441) for execution of a simple patch test. See separate information that has been included to the product.



020-00060
Pectus Allergy Test Plate