

Positioning Aids

Product Overview 2020

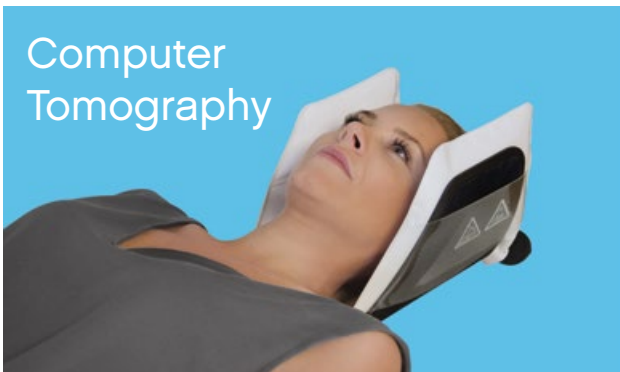


Pearl Technology AG

Pearl Technology AG specializes in the field of patient positioning for radiology, nuclear medicine and radiotherapy and offers a broad range of durable, resistant and hygienic positioning aids for various applications.

Pearltec positioning aids are medical devices class 1 and are CE-labeled accordingly.

Computer
Tomography



Magnetic Resonance
Imaging



Pediatric
Radiology



Interventional
Radiology



We look forward to hearing from you and further familiarizing you with our products and solutions.



New Products 2020



ProFoam Positioning Aids **NEW**

PerFectly hygienic Foam positioning aids

The ProFoam positioning aids are made of a dimensionally stable foam material and are welded into a durable polyurethane foil.

- Durable surface even with 90% alcohol disinfection
- Welded seams also absolutely tight in the cleaning bath

The ProFoam positioning aids are available in the most common shapes and sizes as well as two different degrees of stability.

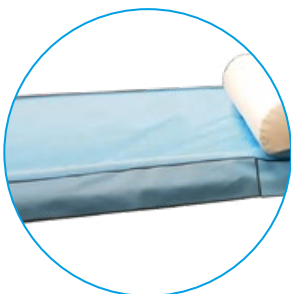


ProBelt **NEW**

PerFectly hygienic CT belt and Fixation systems

ProBelt is the first completely velcro-free belt system for the fixation of patients on a CT table and is compatible with all manufacturers.

- Perfectly hygienic (PU-foil without hook and loop fastener)
- Rail adapter available for all CT tables
- Simply adjustable, adjustment to patients size with hook eyelet



CT Table Cover **NEW**

Hard-wearing and durable CT mat protection

The CT Table Covers are protective sleeves made of PU foil and are available for CT table covers from various manufacturers.

- Durable surface even with 90% alcohol disinfection
- Extra safety thanks to specially adapted flaps
- Durable and hard-wearing materials with high-quality workmanship

Pearltec Immobilization Aids

MULTIPAD Product Family

The flexible and universally applicable MULTIPAD family of products enables optimum patient placement, positioning and fixation when it comes to examinations using MRI head and extremity coils.



MULTIPAD Standard



Art. 1012

Dimensions: 17 x 6 cm, Variable Thickness: 2–5 cm

The MULTIPAD Standard is particularly suitable for situations where there are no specific restrictions.



MULTIPAD Plus



Art. 1022

Dimensions: 17 x 11 cm, Variable Thickness: 2–5 cm

The MULTIPAD Plus is particularly suitable to fill larger gaps.



MULTIPAD Slim



Art. 1071

Dimensions: 17 x 9 cm, Variable Thickness: 1–3 cm

The MULTIPAD Slim is particularly suitable for situations where space is limited.



MULTIPAD Ear

Art. 1104

Dimensions: 17 x 10 cm, Variable Thickness: 1–4 cm

The MULTIPAD Ear is perfect for immobilizing the patient's head during MRI scans when using in-ear headphones or earplugs.



MULTIPAD Bendy

Art. 1108

Dimensions: 23 x 9 cm, Variable Thickness: 1–4 cm

The MULTIPAD Bendy is perfectly suited for a wide variety of joint examinations, particularly those involving flex coils.

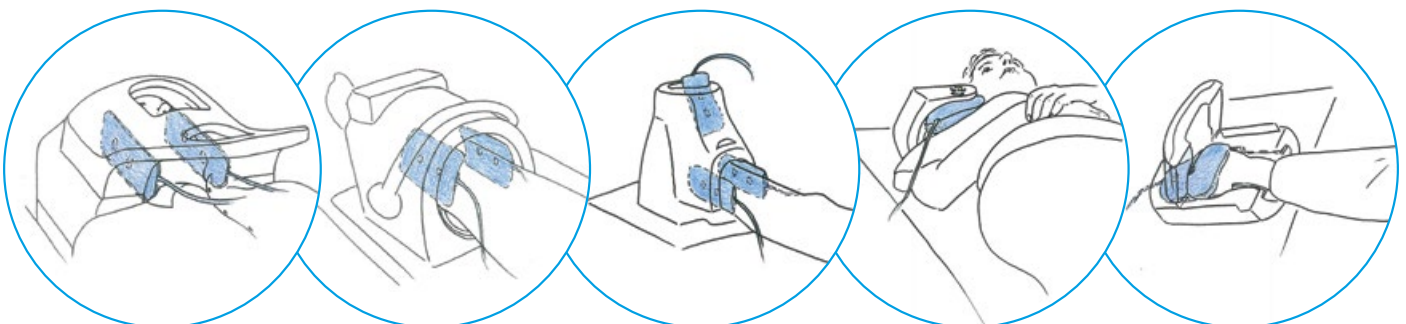


MULTIPAD Research Kit

Art. 5004

Components:

MULTIPAD Ear, Bendy und Slim, MULTIPAD Cover, Handpump, various tubes, connectors and clamps.



Pearltec Immobilization Aids

CT HeadFix

The CT HeadFix offers an integrated, fast and hygienic positioning solution for the fixation of the head during CT scans and is compatible with the head holders of major manufacturers.



CT HeadFix

Art. 1105

Immobilization aid for head fixation in CT head holder.
Compatible with various CT head holders.



Pearltec Immobilization Aids

CRANIA

The CRANIA products offer an optimum patient placement, positioning and immobilization during head MRI examinations. The arrangement of the pearl chambers allows the suppression of movements in three axes and reduces motion artifacts.



CRANIA Adult

Art. 1001

The CRANIA Adult is specifically suitable for research oriented head exams, such as fMRI/EEG.



CRANIA Child

Art. 1004

The CRANIA Child is specifically suitable for pediatric head exams with children older than 3 years.

Pearltec Immobilization Aids

BabyFix Cocoon

The BabyFix Cocoon creates ideal conditions for a safe and careful examination procedure for newborn babies in the MRI scanner.



BabyFix Cocoon

Art. 1107

Positioning aid for the immobilization of newborn babies (2–5kg) during MRI imaging.



Hand-Vakuumpumpe

Art. buw-5355

Hand Vacuum-Pump is MR-compatible and can be used to withdraw air from vacuum cushions.



Pearltec Sanitary Cover

Cover

Pearltec Sanitary Covers form an integral component for a hygienic and patient friendly application of positioning aids as well as headphones.



Cover MULTIPAD

Art. 1101

Bag of 100 pcs

Sanitary single-use cover for MULTIPAD product family.



Cover Headphones

Art. 1106

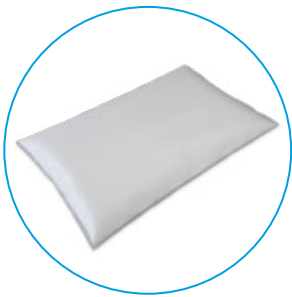
Bag of 100 pcs

Sanitary single-use cover for headphones.

Pearltec Positioning Aids

PearlFit

PearlFit positioning aids can be used for stable but yet comfortable patient positioning inside and outside the field of view during all radiological procedures.



PearlFit Cushion

22 x 8 x 1 cm

Art. 1136

27 x 6 x 1 cm

Art. 1145

30 x 11 x 2 cm

Art. 1137

30 x 20 x 4 cm

TIP

Art. 1114

50 x 20 x 4 cm

Art. 1124

50 x 30 x 7 cm

TIP

Art. 1115

50 x 30 x 10 cm

TIP

Art. 1116

50 x 50 x 5 cm

TIP

Art. 1142

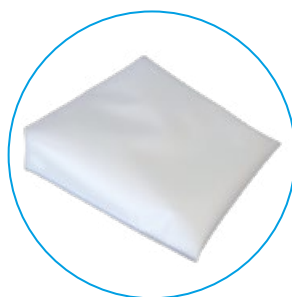
130 x 60 x 10 cm

Art. 1120

200x 75 x 7 cm

Art. 1140

Depending on the size, PearlFit Cushions are perfectly suitable for a stable patient positioning inside and outside the field of view without any pressure points.



PearlFit Wedge

26 x 25 x 7 cm

Art. 1117

30 x 50 x 15 cm

Art. 1138

56 x 50 x 25 cm

TIP

Art. 1132

The PearlFit Wedge helps to create a specific angle for certain body parts.



PearlFit Roll

Ø = 18, L = 40 cm

Art. 1112

Ø = 18, L = 50 cm

TIP

Art. 1113

The PearlFit Roll can be used during all radiological procedures and is primarily used in the hollow of the knee when patient is lying in supine position.



PearlFit Flex

6 chambers, 90 x 50 x 5 cm

Art. 1118

3 chambers, 90 x 50 x 7 cm

Art. 1119

The PearlFit Flex products can be used as either cushion, wedge or roll making them universally applicable for a broad range of examinations.



PearlFit Head/Neck

TIP

Art. 1121

The PearlFit Head/Neck is used to support the patient's head when lying in supine position.



PearlFit Forehead

Art. 5005

The PearlFit Forehead consists of two components and is used to support the patient's head in prone position.



PearlFit Inlay Head

Art. 1123

PearlFit Inlay is form-fitted to a broad range of coils, cradles and holders and reduces pressure points at the back of the head.

Pearltec Positioning Aids

PearlFit Vac

PearlFit Vac positioning aids become stable by withdrawing air and allow a reproducible patient positioning.



PearlFit Cushion Vac

30 x 20 x 4 cm Vac	Art. 1125
50 x 20 x 4 cm Vac	Art. 1131
50 x 30 x 7 cm Vac	Art. 1126
50 x 30 x 10 cm Vac	Art. 1127
50 x 50 x 5 cm Vac	Art. 1143
90 x 60 x 5 cm Vac	Art. 1144
130 x 60 x 10 cm Vac	Art. 1129
200x 75 x 7 cm Vac	Art. 1141

Depending on the size, PearlFit Cushions Vac are perfectly suitable for a stable patient positioning inside and outside the field of view without any pressure points.



PearlFit Wedge Vac

26 x 25 x 7 cm Vac	Art. 1128
30 x 50 x 15 cm Vac	Art. 1139
56 x 50 x 25 cm Vac	Art. 1133

The PearlFit Wedge Vac helps to create a specific angle for certain body parts.



PearlFit Head/Neck Vac

Art. 1130

The PearlFit Head/Neck Vac is used to support the patient's head when lying in supine position.



Hand Vacuum-Pump

Art. buw-5355

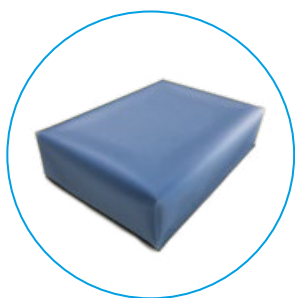
The Hand Vacuum-Pump is MR-compatible and can be used to withdraw air from vacuum cushions.



Pearltec Positioning Aids

ProFoam – soft

The ProFoam positioning aids are made of a soft foam material and are welded into a durable polyurethane foil. They are available in the most common shapes and sizes and are suitable for a wide range of applications, such as in the field of radiology.

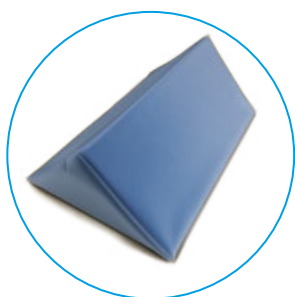


ProFoam Plate

NEW

25 x 18 x 5 cm

Art. 1150



ProFoam Wedge 45

NEW

18 x 25 x 12 cm

18 x 11 x 5 cm

36 x 25 x 12 cm

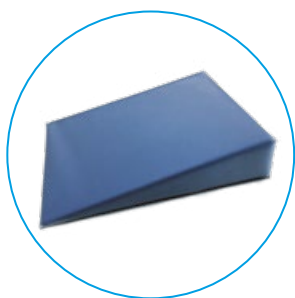
60 x 25 x 12 cm

Art. 1151

Art. 1153

Art. 1154

Art. 1155



ProFoam Wedge 15

NEW

26 x 25 x 7 cm

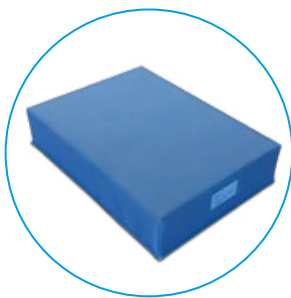
Art. 1152

Other shapes and sizes available upon request.

Pearltec Positioning Aids

ProFoam – stable/hard

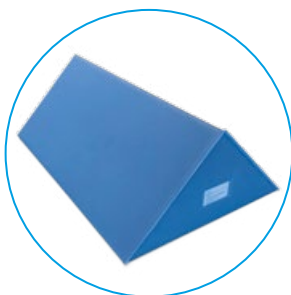
The ProFoam positioning aids DS are made of a dimensionally stable foam material and are welded into a durable polyurethane foil. They are available in the most common shapes and sizes and are suitable for a wide range of applications, such as in the field of radiology.



ProFoam Plate DS **NEW**

25 x 18 x 5 cm

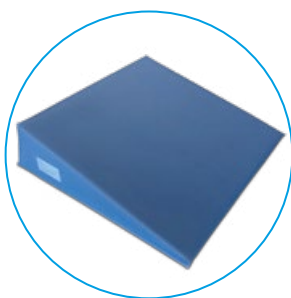
Art. 1158



ProFoam Wedge 45 DS **NEW**

18 x 25 x 12 cm
18 x 11 x 5 cm
36 x 25 x 12 cm
60 x 25 x 12 cm

Art. 1159
Art. 1161
Art. 1162
Art. 1163



ProFoam Wedge 15 DS **NEW**

26 x 25 x 7 cm

Art. 1160

Other shapes and sizes available upon request.

Pearltec Belt Systems

ProBelt

ProBelt is the first completely hook-and-loop-free belt system and allows a perfectly hygienic fixation of patients on the CT. The ProBelt system is compatible with the CT tables of all common equipment manufacturers using different rail adapters.



ProBelt **NEW**

200 R2 for GE

Art. 1170

200 R3 for Siemens and Philips

Art. 1171

200 T5 for Canon

Art. 1172

ProBelts are inserted into the designated table rails and get closed by using the eyelet in order to immobilize the patient.



ProBelt Thorax **NEW**

200 PFC

Art. 1173

200 PFW

Art. 1174

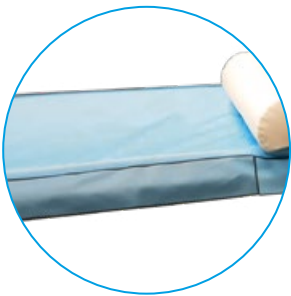
The ProBelt Thorax System helps to fix the arms to the patient's upper body and is especially used for polytrauma and thoracic abdomen CT examinations.



Pearltec Table Cover

CT Table Cover

The CT Table Covers are protective sleeves made of PU foil and are available for CT table covers from various manufacturers. The specially designed flaps provide additional safety and the high-quality materials and workmanship make the product hard-wearing and durable.



CT Table Cover **NEW**

2090 for Canon CT
2360 for Canon CT
1790 for Canon CT
1860 for Canon CT
2070 for Canon CT
400 for Canon CT

Art. 1164
Art. 1166
Art. 1165
Art. 1167
Art. 1168
Art. 1169

Additional sizes for CT tables of other manufacturers available upon request.



Pearltec Customized Solutions

As a result of our many years of experience in the field of patient positioning, we are also able to realize customized solutions using different materials as well as different technologies.

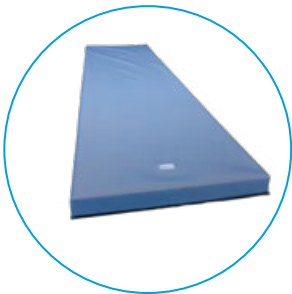


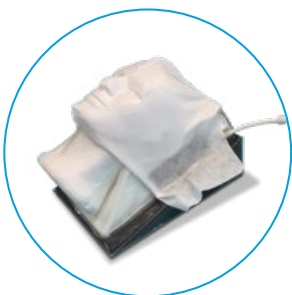
Table pads for X-ray / CT / MRI

Hard-wearing and durable table pads according to the latest hygiene standards in different lengths, stability and fabrics.



Arm Holder Angio in combination with arm shells

Positioning aid for comfortable fixation of the arms without pressure points in interventional radiology, cardiology and neuroradiology.



Head fixation angio

Vacuum positioning aid to immobilize head during neuro-vascular interventions in combination with iFIX and inclination wedge.



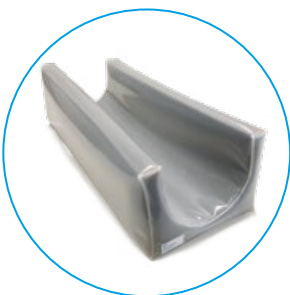
Mamma MRI comfort pad

Positioning aid to reduce pressure pain at the sternum/rib comb in Mamma MRI examinations (Optimized for Philips 7 channel coil).



Elevating Cushion

Positioning aid for pneumatic elevation of immobile palliative patients in MRI.



U-profiles for veterinary medicine

U-profiles made of foam and welded into a hard-wearing polyurethane foil for an excellent hygiene.

iFIX Fixation System

The iFIX Patient Fixation System is a hygienic alternative to belts, tapes and hook and loop. It combines micro-hook anchor products with a medical single-use fleece.



iFIX Fleece

5 (Roll: 5 cm x 30 m)
15 (Roll: 15 cm x 200 m)
50 (Roll: 50 cm x 30 m)

Art. iSYS-31618
Art. iSYS-16304
Art. iSYS-17674

iFIX Fleece is available in three different sizes and comes on a roll in a dispenser box. By utilizing the included cutter it can be cut to the length needed.



iFIX Head Mask

XS (10 pcs)
S (10 pcs)
M (10 pcs)
L (10 pcs)
XL (10 pcs)
L elongated (10 pcs)

Art. iSYS-26102
Art. iSYS-26105
Art. iSYS-26104
Art. iSYS-26103
Art. iSYS-29341
Art. iSYS-35080

iFIX Head Mask is used to immobilize the patient's head.



iFIX Slot Adapter

8/30 (4 pcs)
3/30 (4 pcs)

Art. iSYS-16192L003
Art. iSYS-17622L003

iFIX Slot Adapter is coated with micro-hook and can be slid into the rails on the patient table.



iFIX Patch

15 (8 pcs)
25 (6 pcs)
50 (4 pcs)
75 (4 pcs)
15 x 6 (3 pcs)

Art. iSYS-16180L001
Art. iSYS-16180L002
Art. iSYS-16180L005
Art. iSYS-16180L007
Art. iSYS-32982

iFIX Patch is a self-adhesive micro-hook that can be applied on the patient table as well as on PearlFit (Vac) positioning aids cushions.



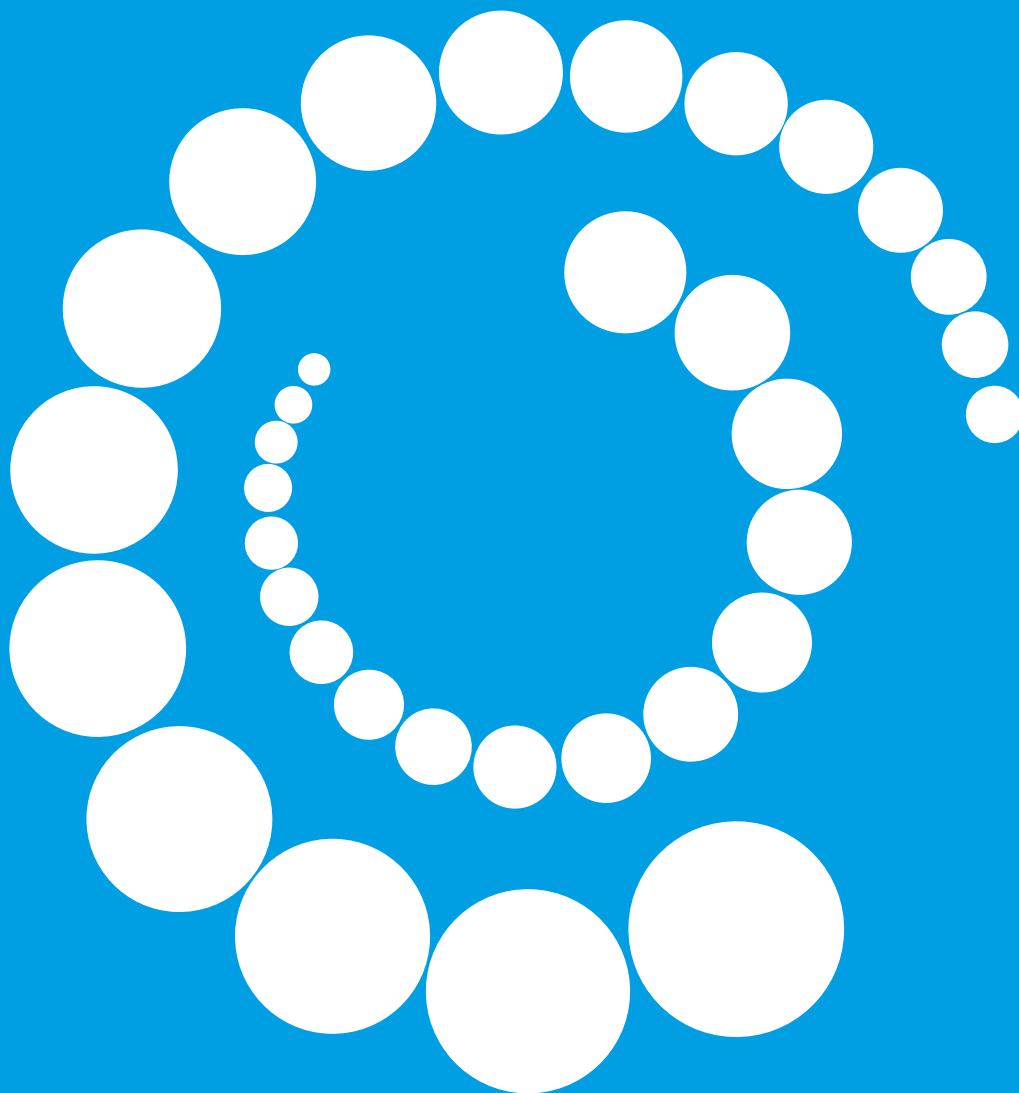
iFIX Patch Adapter

50 (4 pcs)

Art. iSYS-16179L001

iFIX Patch Adapter is coated with micro-hook and can be applied on existing hooks of holders, cradles and patient tables.





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