



CQ Medical is a Proud U.S. Distributor of Pearl Technology Products

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Positioning Aids for Radiology



For all Modalities

The essentials



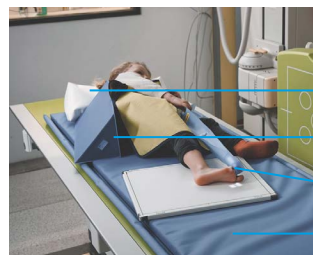
MRI

- MULTIPAD S.18
- Sand Bag S.32
- PearlFit S.20
- MR Safety Pad S.16



CT

- CT HeadFix S.10
- ProBelt S.22
- PearlFit S.20
- CT Table Cover S.12

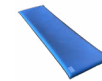
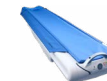


























X-Ray

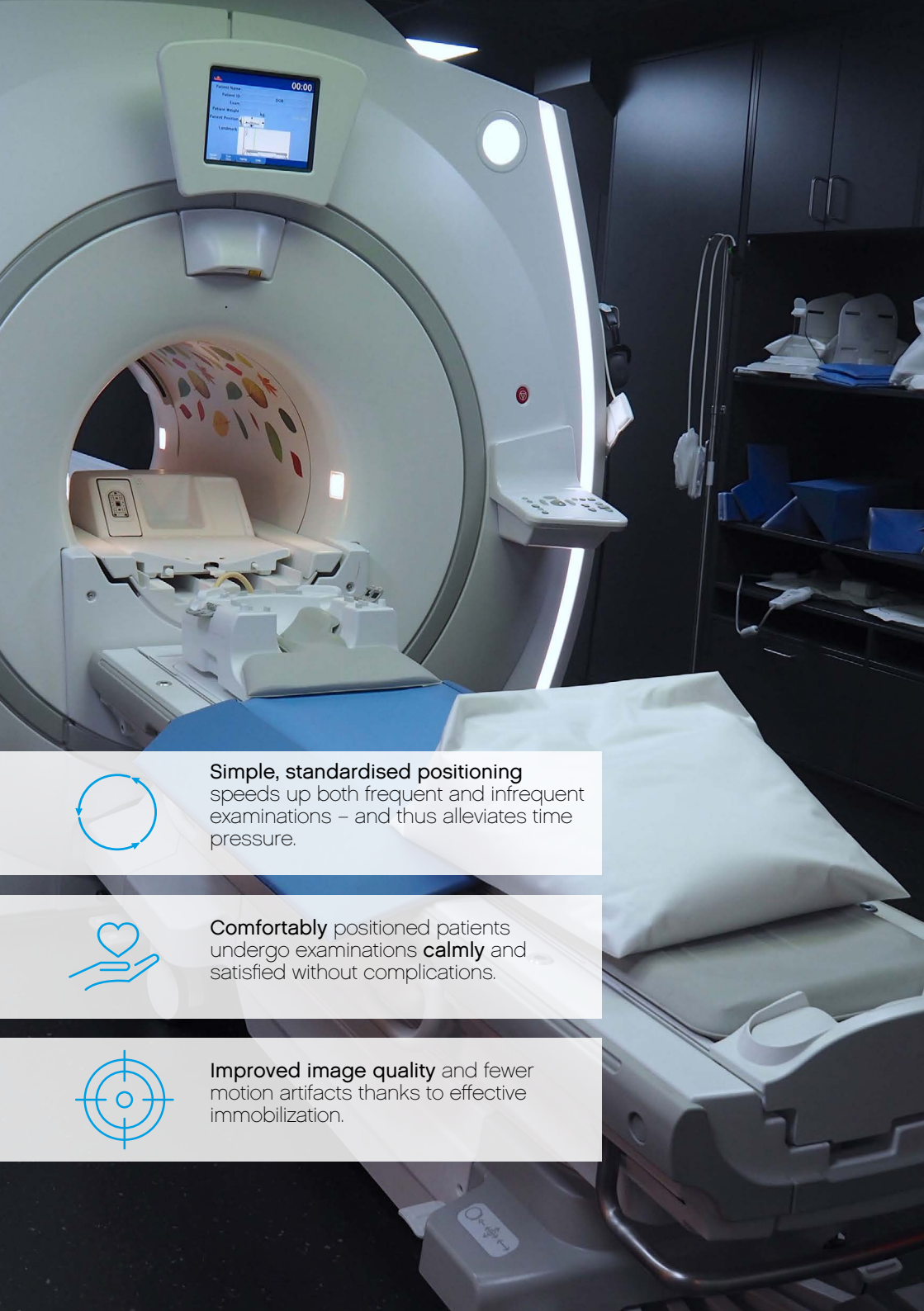
- PearlFit S.20
- ProFoam S.26
- ProBelt S.22
- ProFoam Table Mat S.30



Product Overview



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Simple, standardised positioning speeds up both frequent and infrequent examinations – and thus alleviates time pressure.



Comfortably positioned patients undergo examinations **calmly** and satisfied without complications.



Improved image quality and fewer motion artifacts thanks to effective immobilization.



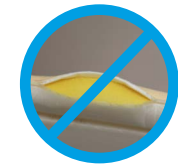
Durable

For a high patient throughput and tricky patient transfers.



Perfectly Hygienic

Designed for regular wipe disinfection even with 90% alcohol.



High-quality

High-frequency welded seams are built to last.



Swiss Quality

Designed and manufactured in Switzerland.



For radiology

Tested for MR safety and radiolucency.



ISO-certified

Certified Management System according to ISO 13485.



Since implementing the MULTIPAD system to restrain the subject's head for our neuroimaging studies, we have experienced a dramatic decrease in repeat scans and overall improvement in the quality assurance metrics used to evaluate our imaging data. Furthermore, subjects have reported that they were more comfortable in the scanner. As a result, we have implemented the MULTIPAD Slim as part of every protocol being conducted in the imaging center to maximize the quality and comfort.



Todd Parrish, PhD
 Director of the Center for Advanced MRI
 Director of Neuroimaging Research
 Northwestern University
 Chicago, IL, USA



BabyFix



The BabyFix creates ideal conditions for a safe and careful examination procedure for newborn babies in MRI and CT. The positioning aid is wrapped around the newborn and then vacuum-sealed. This hardens the Babyfix to a cast form and enables pressure point-free and stable positioning. This allows to avoid sedation, using the feed-and-sleep method.

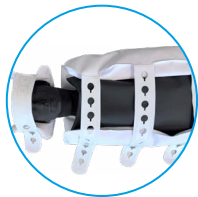


BabyFix Cocoon

XT-1107

Positioning aid for the immobilization of newborn babies (2–5kg) in MRI and CT.

Dimensions: 75 x 40 cm



BabyFix XL

XT-1276

Positioning aid for immobilization of infants (5-9 kg) in MRI and CT.

Dimensions: 110 x 80 cm



Hand Vacuum Pump

XT-buw-5355

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

Case study



CRANIA



The CRANIA products have been developed specifically for head scans and promise optimal patient positioning for head measurements in MRI.

The CRANIA is inflated using a hand pump and the head is comfortably fixed within the coil. The arrangement of the pearl chambers enables the suppression of head movements in all three axes.



CRANIA Adult

XT-1001

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



CRANIA Child

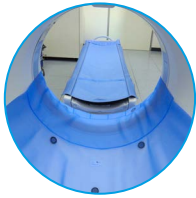
XT-1004

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

CT Gantry Cover



The CT Gantry Covers are protective covers made of PU foil, which are attached to the gantry with hook-and-loop patches to protect CTs from liquids.



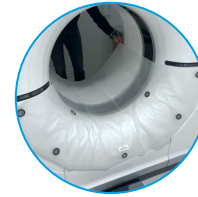
CT Gantry Cover for Canon

C33	XT-1231
C307	XT-1271
C308	XT-1303
C202	XT-1304



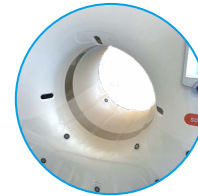
CT Gantry Cover for GE

G33	XT-1305
G75	XT-1306
G25	XT-1307
G110	XT-1308
33	XT-1302



CT Gantry Cover for Philips

P60	XT-1313
33	XT-1302



CT Gantry Cover for Siemens

S90	XT-1309
S47	XT-1310
S100	XT-1314
S80	XT-1311
S30	XT-1312
33	XT-1302



We operate 10 diagnostic CT scanners, with 6 scanners running 24/7. These 24/7 scanners are used for a wide range of exams including trauma, emergent imaging, and interventions.

Prior to using gantry covers, we experienced occasional fluid infiltration into the gantry, particularly contrast agent leads that crept past the mylar window. When this occurred, a mylar window replacement alone required about 2 hours of downtime. In more severe cases, where fluids reached the detectors, cleaning and recalibration could take up to 8 hours. These incidents not only disrupted workflow but also posed a risk to the longevity of the equipment. The most common fluids encountered were IV contrast and bodily fluids – particularly in trauma and critical care scenarios.

We began using Pearltec Gantry Covers roughly three months ago on our high-use CT units. Since implementation, we've had zero downtime related to liquid contamination- a 100% success rate. The cover have provided a consistent barrier, protecting the gantry from all types of fluid exposure.

If contrast or any other fluid gets onto the Gantry Cover, we simply wipe it off. This process is significantly easier than before and eliminates the need for time-consuming internal cleaning or preventative maintenance. The use of reusable gantry covers has also allowed us to discontinue disposable plastic covers, aligning with our sustainability goals and reducing waste management.



Vu Nguyen, R.T.(R)(CT)(ARRT)
CT Clinical Program Manager,
Cedar Sinai, Los Angeles



Learn more

CT HeadFix



The CT HeadFix offers an integrated, quick and hygienic solution for head fixation in the CT.

The side wings are inflated by means of a hand pump and the head is thus held in a stable position. The CT HeadFix is compatible with the head holders of all major manufacturers.

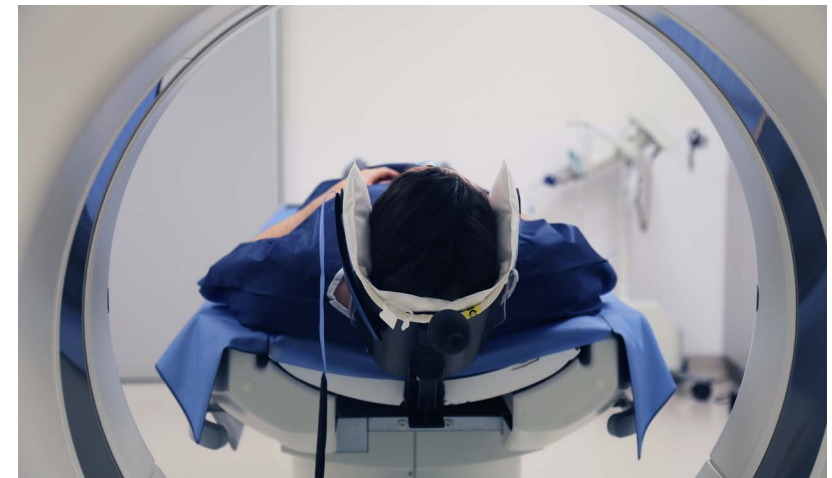


CT HeadFix

XT-1105

Inflatable immobilization aid for head fixation in CT head holder.

Tip: works best with the ProBelt 50 VL/VH, the blue strap seen on the next page. For more information, see page 25.

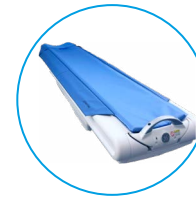


[Learn more](#)

CT Table Cover

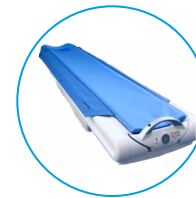


The CT Table Covers are protective sleeves made of PU foil and are available for CT table covers from various manufacturers. The specially designed flaps provide additional safety and the high-quality materials and workmanship make the product hard-wearing and durable.



CT Table Cover for Canon

2090 mm mat length	XT-1164
2360 mm mat length	XT-1166
1790 mm mat length	XT-1165
1860 mm mat length	XT-1167
2070 mm mat length	XT-1168
400 mm table extension	XT-1169
310 mm table extension	XT-1175
170 mm table extension	XT-1280
200 mm table extension	XT-1281



CT Table Cover for GE

2050 G mm mat length	XT-1267
2170 G mm mat length	XT-1184
2720 G mm mat length	XT-1205
2580 G mm mat length	XT-1206
2100 G mm mat length	XT-1207
2630 G mm mat length	XT-1221
270 G mm table extension	XT-1185
370 G mm table extension	XT-1208

Next Page: - Philips
- Siemens
- Sinovision

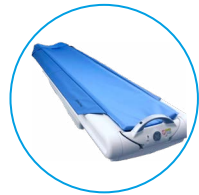


[Watch Video](#)

FoamFit

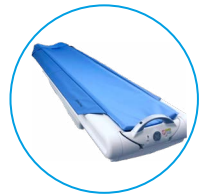


The FoamFit positioning aids are made of a soft foam and are welded into a durable PU foil. Their flexibility and adaptability make them particularly suitable for use inside the coil, where they provide optimal support between the patient and the coil.



CT Table Cover for Philips

2220 P	mm mat length	XT-1183
2320 P44	mm mat length	XT-1203
2100 P	mm mat length	XT-1204
2450 P	mm mat length	XT-1224
2580 P44	mm mat length	XT-1239
2700 P44	mm mat length	XT-1244
2140 P	mm mat length	XT-1290

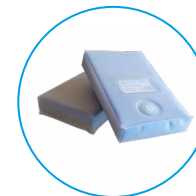


CT Table Cover for Siemens

2190 S	mm mat length	XT-1177
2190 S46	mm mat length narrow	XT-1212
2170 S46	mm mat length thin	XT-1211
2400 S	mm mat length	XT-1209
2400 S46	mm mat length narrow	XT-1223

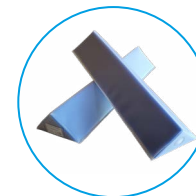
CT Table Cover for Sinovision

1985 SV	mm mat length	XT-1291
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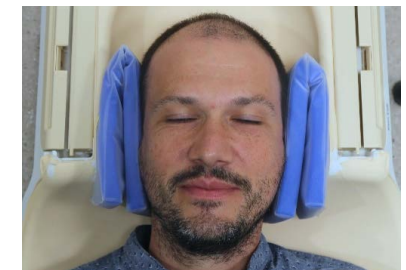
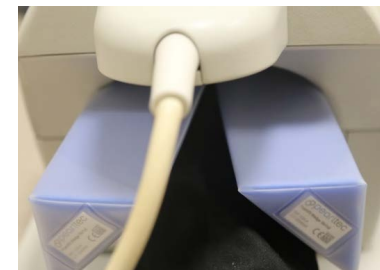
FoamFit Plate

13 x 8 x 2 cm	, 2 pcs	XT-1227
36 x 8 x 2 cm	, 2 pcs	XT-1228
28 x 18 x 1 cm		XT-1233
30 x 10 x 2 cm	, 2 pcs	XT-1235
18 x 8 x 2 cm	, 2 pcs	XT-1236



FoamFit Wedge

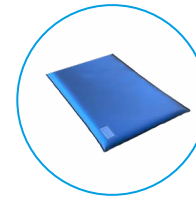
18 x 11 x 5 cm	, 2 pcs	XT-1225
36 x 11 x 5 cm	, 2 pcs	XT-1226
5 x 16 x 7 cm	, 2 pcs	XT-1234



MR Safety Pad



The MR Safety Pad positioning aids are made of a dimensionally stable foam material and are welded into a durable PU foil. The thin foam plate prevents direct patient contact with the gantry and thus reduces the risk of burns.

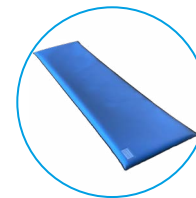


ProFoam Plate 50x25x1 DSR , 2 pcs

XT-1247

The ProFoam Plate is used to prevent skin-to-skin contact and thus reduces the risk of burns.

Dimensions: 50 x 25 x 1 cm

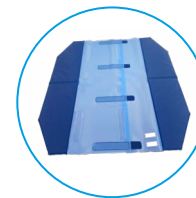


ProFoam Plate 100x25x1 DSR , 2 pcs

XT-1248

The ProFoam Plate prevents direct patient contact with the gantry and thus reduces the risk of burns.

Dimensions: 100 x 25 x 1 cm



ProFoam MR Safety Angel Pad

XT-1301

The two connected wings on the sides prevent direct contact with the gantry. The MR Safety Pad Angel can be placed under the table mat and thus remains in position.



MULTIPAD Product Family



The universally applicable MULTIPAD product family enables optimum patient positioning for all examinations with head and extremity coils.

The MULTIPAD is inflated using a hand pump, thus the patient is comfortably fixed within the coil.



MULTIPAD Standard

XT-1012

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



MULTIPAD Plus

XT-1022

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

The MULTIPAD Plus is particularly suitable to fill larger gaps.



MULTIPAD Slim

XT-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

XT-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

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

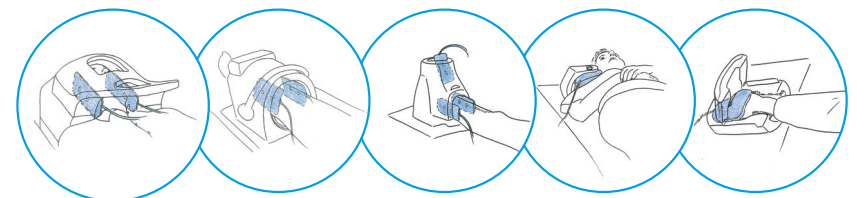
XT-5004

Components:
MULTIPAD Ear, Bendy and Slim, MULTIPAD Cover.

Application tip:

Use Cover MULTIPAD (sanitary single-use) for improved protection and patient comfort (see Accessories, page 33).

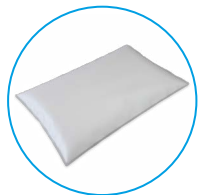
[Watch Video](#)



PearlFit



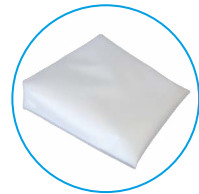
PearlFit positioning aids are initially soft and flexible, but become firm and stable under body weight. Like a beanbag, they therefore minimize pressure points and allow comfortable positioning of the patient. They can be used for all radiological examinations inside and outside the examination area.



PearlFit Cushion

- 30 x 20 x 4 cm
- 50 x 20 x 4 cm
- 50 x 30 x 7 cm
- 50 x 30 x 10 cm
- 50 x 50 x 5 cm

- XT-1114
- XT-1124
- XT-1115
- XT-1116
- XT-1142



PearlFit Wedge

- 26 x 25 x 7 cm
- 30 x 50 x 15 cm
- 56 x 50 x 25 cm

- XT-1117
- XT-1138
- XT-1132



PearlFit Roll

Ø = 18, L = 50 cm

XT-1113



PearlFit Flex 3

XT-1119

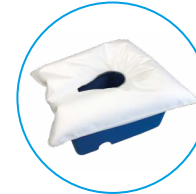
The PearlFit Flex 3, with a size of 90x50x7 cm can be used as either a cushion, a wedge or roll and can therefore be used for a broad range of examinations.



PearlFit Head/Neck

XT-1121

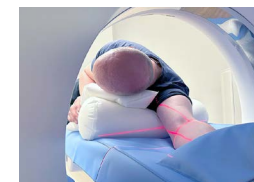
The PearlFit Head/Neck is used to support the patient's head when lying in supine position.



PearlFit Forehead

XT-5005

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



ProBelt



ProBelt is the first completely Velcro-free belt system and allows a perfectly hygienic fixation of patients on the imaging table.

MRI



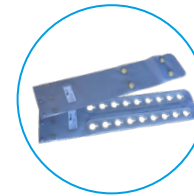
CT



X-Ray



ProBelt for MRI



ProBelt for MRI

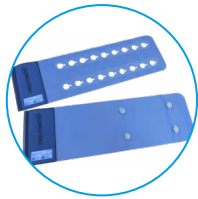
140 MRI P for Philips	XT-1219
140 MRI P Extension for Philips	XT-1240
200 U5 for Canon	XT-1259
200 R2 for GE	XT-1170
200 Extension for all ProBelt 200 Products	XT-1213
350 U5 for Canon	XT-1260
350 R2 for GE	XT-1214
350 Extension for all ProBelt 350 Products	XT-1217

Please contact us if you need belts to fit other manufacturers.



Case study

ProBelt for CT & X-Ray

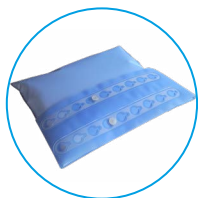


ProBelt

200 R2 for GE and Philips	XT-1170
200 R3 for Siemens and Philips	XT-1171
200 T5 for Canon and Philips	XT-1172
200 J10 for Philips	XT-1241
200 Extension for all ProBelt 200 Products	XT-1213
350 R2 for GE and Philips	XT-1214
350 R3 for Siemens and Philips	XT-1215
350 T5 for Canon and Philips	XT-1216
350 J10 for Philips	XT-1242
350 Extension for all ProBelt 350 Products	XT-1217

The ProBelt belts are available in widths of 200 mm and 350 mm, are inserted into the dedicated table rail and closed by means of a hook eyelet.

[Watch Video](#)



ProBelt 200 Thorax PFC*

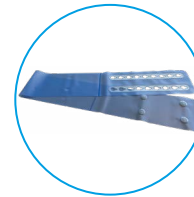
XT-1173

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.

* New version with optimized measurements and blue PU-foil.



[Watch Video](#)

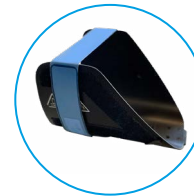


ProBelt Wrap

200 (L = 200 cm, B = 20 cm)	XT-1187
70 (L = 145 cm, B = 7 cm)	XT-1220
350 (L = 200 cm, B = 35 cm)	XT-1229

The ProBelt Wrap is placed underneath the mat and wrapped around the patient for a proper stabilization. The ProBelt Wrap is fastened with a hook eyelet.

[Watch Video](#)



ProBelt VLMH

50 VL for Philips and Siemens , 3 pcs	XT-5008
50 VH for GE , 3 pcs	XT-5009
50 VL for Canon , 3 pcs	XT-5012

ProBelt 50 VLMH are attached to the CT cradle and wrapped around the patient's forehead. ProBelt 50 are compatible with CT head holders of all common equipment manufacturers and offer a quick and hygienic head stabilization.

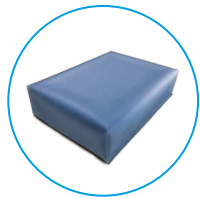
[Watch Video](#)



ProFoam – soft



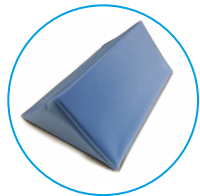
The ProFoam positioning aids are made of a soft foam material and are welded into a durable PU foil. They are available in the most common shapes and sizes and are suitable for a wide range of applications.



ProFoam Plate

25 x 18 x 5 cm

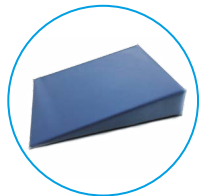
XT-1150



ProFoam Wedge 45

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

XT-1151
XT-1153
XT-1154
XT-1193
XT-1155



ProFoam Wedge 15 / 30

26 x 25 x 7 cm (15 Degrees)
18 x 25 x 7 cm (15 Degrees)
18 x 23 x 10 cm (30 Degrees)

XT-1152
XT-1195
XT-1197

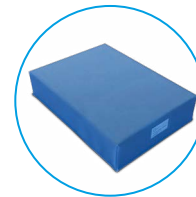
Despite intense wear and tear, and regular disinfection, the ProFoam Materials stay intact, smooth, and perfectly hygienic.



ProFoam DS – stable/hard



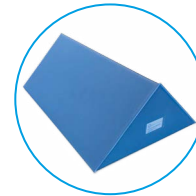
The ProFoam positioning aids DS are made of a dimensionally stable foam material and are welded into a durable PU foil. They are available in the most common shapes and sizes and are suitable for a range of applications.



ProFoam Plate DS

25 x 18 x 5 cm
50 x 30 x 20 cm

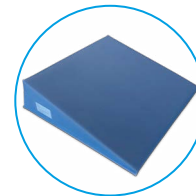
XT-1158
XT-1192



ProFoam Wedge 45 DS

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

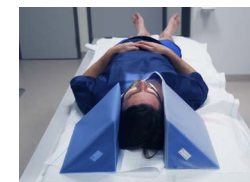
XT-1159
XT-1161
XT-1162
XT-1194
XT-1163



ProFoam Wedge 15 / 30 DS

26 x 25 x 7 cm (15 Degrees)
18 x 25 x 7 cm (15 Degrees)
18 x 23 x 10 cm (30 Degrees)

XT-1160
XT-1196
XT-1198



ProFoam Head



The ProFoam Head positioning aids are made of a stable foam and are welded into a durable PU foil. They are available in two different shapes and are suitable for the use in radiology.

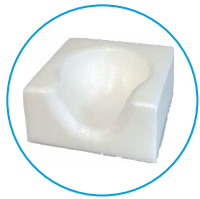


ProFoam Head

XT-1245

The ProFoam Head is used as a head support when patients are lying supine on the patient table.

Dimensions: 25 x 25 x 12 cm



ProFoam Head/Neck

XT-1246

The ProFoam Head/Neck is used as a head support when patients are lying supine on the patient table and provide additional support for the neck.

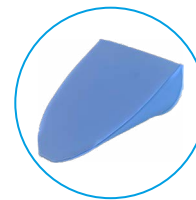
Dimensions: 24 x 22 x 10 cm



ProFoam Wedge Inclination



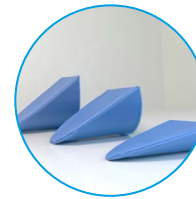
The ProFoam Wedge Inclination is used to position the head correctly within the head coil of the CT. Thanks to an anti-slip foil on the underside, it remains still. It is compatible with the head holder of all manufacturers.



ProFoam Wedge Inclination

15 degree
30 degree
40 degree

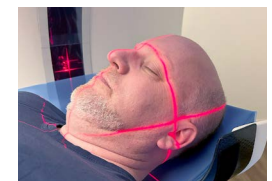
XT-1273
XT-1274
XT-1275



ProFoam Wedges Inclination Kit

XT-5018

Consisting of: ProFoam Wedge Inclination 15, 30 und 40

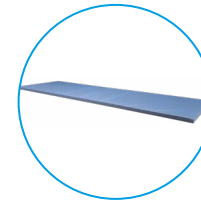
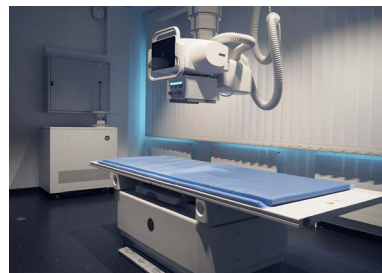


ProFoam Table Mat



The ProFoam Table Mats are made of a dimensionally stable foam material and are welded into a durable PU foil. They are available in different dimensions suitable for all standard examination tables.

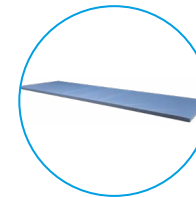
The slippery version with handles makes the positioning of heavy patients easy allowing ergonomic workflows.



ProFoam Table Mat (anti-slip)

200 x 55 x 3 DS	XT-1199
200 x 60 x 3 DS	XT-1293
200 x 70 x 3 DS	XT-1294
220 x 60 x 3 DS	XT-1296
220 x 70 x 3 DS	XT-1298
240 x 60 x 3 DS	XT-1299
240 x 70 x 3 DS	XT-1300

The top and bottom of the ProFoam Table Mat DS are made of pure PU foil. Thanks to its anti-slip bottom side it stays in the right position.



ProFoam Table Mat (Slippery)

200 x 55 x 3 DSR	XT-1201
200 x 60 x 3 DSRG with hand grips	XT-1249
200 x 70 x 3 DSRG with hand grips	XT-1251
220 x 60 x 3 DSRG with hand grips	XT-1295
220 x 70 x 3 DSRG with hand grips	XT-1297
240 x 60 x 3 DSRG with hand grips	XT-1282
240 x 70 x 3 DSRG with hand grips	XT-1284

The ProFoam Table Mat (DSR and DSRG) is made with textile-reinforced PU foil on the bottom. It allows effortless repositioning of the patient thanks to its sliding properties. Attention: the dimensions are calculated without hand grips. Add 5 cm on each side.

Slippery



Anti-Slip

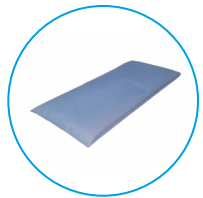


Learn more

Sandbag



The Sandbag positioning aids are sandbags that are welded into a hard-wearing PU foil. They are available in common sizes and are suitable for a range of applications.



Sandbag

40 x 20 cm, 3kg
30 x 20 cm, 2kg
24 x 18 cm, 1,25kg

XT-1261
XT-1262
XT-1263



Accessories



The accessories are an ideal complement to the Pearltec positioning aids and help to achieve the optimum in terms of hygiene, simple and fast work-flows and stability in patient positioning.

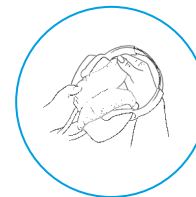


Cover MULTIPAD

XT-1101

Bag of 100 pcs

Sanitary single-use cover for MULTIPAD product family.



Cover Headphones

XT-1106

Bag of 100 pcs

Sanitary single-use cover for headphones.

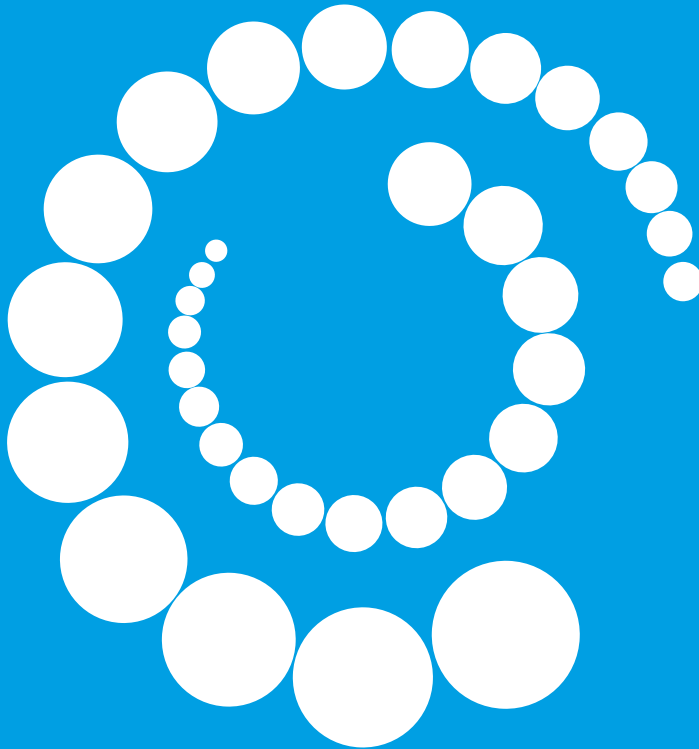


Hand Vacuum-Pump

XT-5355

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





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