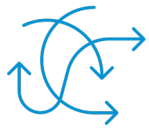




Sophisticated Positioning Aids for conventional X-Ray



Challenges in conventional X-ray



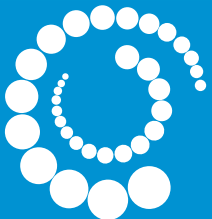
Increasing **patient throughput**, **physical strain**, **complex techniques**, and lengthy **workflows** challenge radiographers.



Many patients are particularly difficult to examine due to **obesity**, **age**, or **injuries**.



Inferior **positioning aids** make efficient and precise work more difficult, carry a risk of **infection** and damage the **reputation** of the department.



Our Mission

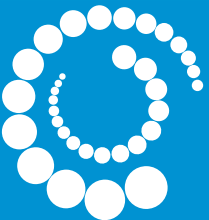


Pearl Technology positioning aids ...

... lead to **excellence** in imaging

... enable examinations **beyond the norm**

... are perfectly **adapted** to their working environment



The Solution

A comprehensive range of positioning aids for the modern X-ray department



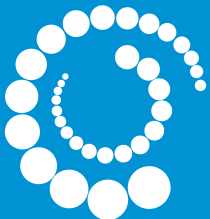
Well thought-out, ergonomic products enable even the most difficult examinations in the first attempt: from wrist scans to lateral hip projections.



Perfectly hygienic – Smooth, easy-to-disinfect surfaces and welded seams avoid contamination and unnecessary risks of infection. Wrapping sponges in linen or plastic becomes obsolete.



High durability – Even with intensive use, the products remain in shape with an intact surface.



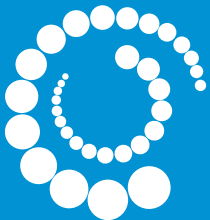
What our customers say



"Even in the most difficult situations: the positioning aids **remain intact** and enable **versatile** and **precise** imaging.

In unsanitary conditions I no longer have to **wrap** my sponges and can even position high-risk patients without any **hygiene concerns**. Patient positioning is **fun** with these tools."

- Michael Bunte,
X-Ray Advisor, Germany



Application Examples



Wrist: AP/PA and lateral 8



Paediatric Arm 9

Upper arm (umerus) 9

Forearm lateral 10



Shoulder 11

AP in Supine – modified 11

Shoulder axial 12



Foot/Ankle 13

Ankle AP & lateral 13

Calcaneus 14

Foot AP and oblique 15

Foot lateral 16

Forefoot AP – modified 17

Big Toe lateral 18



Knee lateral 19

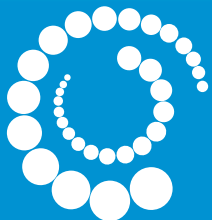


Cross-table lateral hip view 20



Recumbent spine thoracic AP
and lateral 21

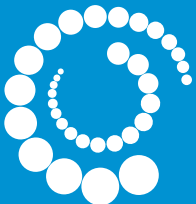
Special scan: Lateral head /
shunt series 22



Pearltec Application Examples



Applications and Images:
Agata Epler, Frauke Meinken and
Michael Bunte



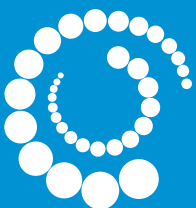


Wrist AP/PA and Lateral



Wedge under detector

ProFoam Wedge DS – 26x25x7 cm, 15 degree
stable / hard Art. Nr. 1160





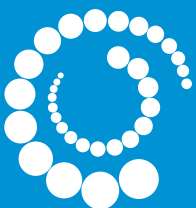
Paed. AP upper arm (umerus)



Wedge under
shoulder

ProFoam Wedge DS –
stable / hard

18x11x5 cm, 45 degree
Art. Nr. 1161





Forearm (radius/ulna) lateral view

Wedges stabilising the arm

ProFoam Wedge DS – stable / hard

18x11x5 cm, 45 degree
Art. Nr. 1161

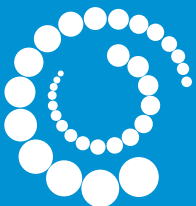
Soft Version: 1153

Wedge under the head

ProFoam Wedge DS – stable / hard

26x25x7 cm, 15 degree
Art. Nr. 1160

Soft Version: 1152





Shoulder AP in supine - modified

Wedge under shoulder

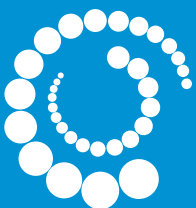
ProFoam Wedge DS –
stable / hard

60x25x12 cm, 45
degree
Art. Nr. 1163



Sandbag

30x20 cm, 2 kg
Art. Nr. 1262





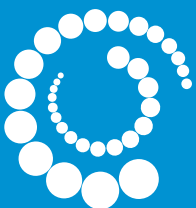
Shoulder axial

Wedge (45 degrees)

ProFoam Wedge DS –
stable / hard

36x25x12 cm, 45 degree
Art. Nr. 1162

Soft Version: 1154





Ankle AP and lateral views



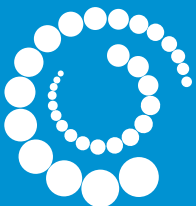
Rectangular plate under lower leg

ProFoam Plate DS – stable / hard
25x18x5 cm
Art. Nr. 1158
Soft Version: 1150



Flat wedges

ProFoam Wedge DS – stable / hard
26x25x7 cm, 15 degree
Art. Nr. 1160
Soft Version: 1152





Calcaneus plantodorsal view

Retaining strap

ProBelt Wrap 70

Length 145 cm

Width 7 cm

Art. Nr. 1220





Foot AP and oblique



Wedge under detector

ProFoam Wedge DS – stable / hard
26x25x7 cm, 15 degree
Art. Nr. 1160

Detector cover

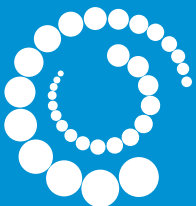
Reusable, PU film; Custom – made only



Wedge under foot

ProFoam Wedge DS – stable / hard
18x11x5 cm, 45 degree
Art. Nr. 1161

Soft Version: 1153





Foot lateral views



Flat wedges

ProFoam Wedge DS –
stable / hard

26x25x7 cm, 15 degree
Art. Nr. 1160

Table mat

ProFoam Table Mat DSRG

Slideable with handles
Art. Nr. 1249



Plate under heel

ProFoam Plate DS –
stable / hard

25x18x5 cm
Art. Nr. 1158

Wedge at heel

ProFoam Wedge DS –
stable / hard

36x25x12 cm
Art. Nr. 1158





Forefoot AP - modified



Plate under foot

ProFoam Plate DS –
stable / hard

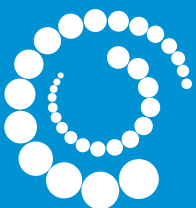
25x18x5cm
Art. Nr. 1158

Soft Version: 1150

Wedge supporting the detector

ProFoam Wedge DS –
stable / hard

36x25x12 cm, 45
degrees
Art. Nr. 1162





Big Toe lateral view



Retaining straps

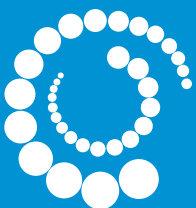
ProBelt Wrap 70

Length 145 cm, width 7 cm
Art. Nr. 1220

Wedge supporting the foot

ProFoam Wedge DS – stable / hard

18x11x5 cm, 45 degree
Art. Nr. 1161





Knee lateral



Wedge under foot / lower leg

ProFoam Wedge DS – stable / hard

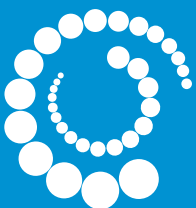
26x25x7 cm, 15 degree
Art. Nr. 1160



Large Cube

ProFoam Plate DS – stable / hard

50x30x20 cm
Art. Nr. 1192





Cross-table lateral hip view



Leg Rest

Plexiglass Leg Rest

- Height adjustable
- Molded support shell

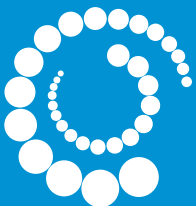
Art. Nr. DB000063

Sandbag

Sandbag

30x20 cm, 2 kg

Art. Nr. 1262





Recumbent spine thoracic AP and lateral

Pillow (White)

PearlFit Cushion
50x30x10 cm
Art. Nr. 1116

Table Mat

ProFoam Table Mat DSRG
Slideable with handles
Art. Nr. 1249

Detector Cover

Reusable, PU film;
Custom – made only



Special scan: lateral head / shunt Series

Positioning strap

ProBelt Wrap 70

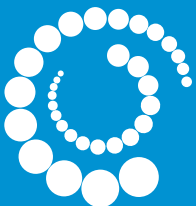
Length 145 cm, width 7 cm
Art. Nr. 1220

Flat wedge under head

ProFoam Wedge DS – stable / hard

26x25x7 cm, 15 degree
Art. Nr. 1160

Soft Version: 1152



Pearl Technology AG
Wiesenstrasse 33
8952 Schlieren
Switzerland

www.pearl-technology.com

info@pearl-technology.ch
T: +41 43 535 08 40

