



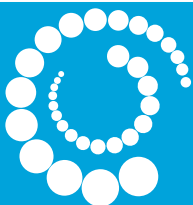
PearlFit Positioning Aids

Overview & Applications



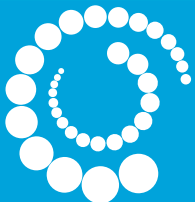
About Pearl Technology AG

- Swiss-based company specializing in patient positioning solutions for radiology, nuclear medicine and radiotherapy
- Develops, produces and sells standard positioning aids in radiology through a global network of distribution partners
- Develops and manufactures customized solutions together with OEMs
 - e.g. CIVCO respiratory pad with private label
 - e.g. OptiX positioning aids for GE Optima 430s
- Swiss Made according to ISO:13485 standards: Reliable workmanship of high-quality, durable materials



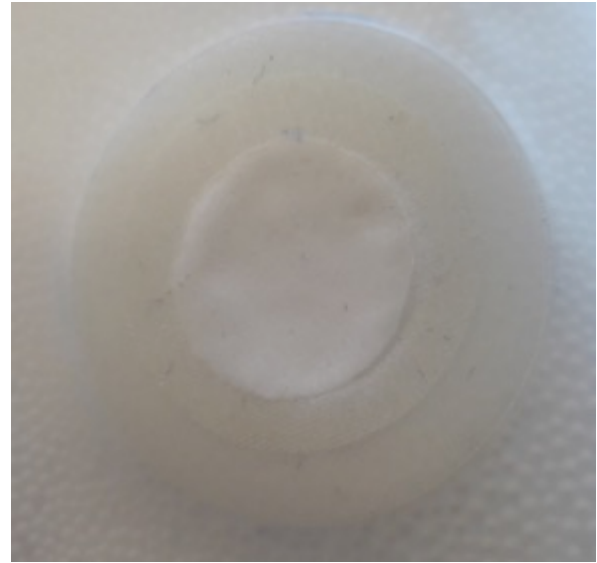
PearlFit – Universal positioning aids

For radiology, nuclear medicine, etc.



PearlFit – Main components

- Polyurethane Foil:
 - Biocompatible
 - Very durable, stretchy and hard to break
- EPS Pearls: Conform to patients anatomy without pressure points
- Membrane: Permeable to air and impermeable to liquids
- Weld seams: Very durable and hard to break



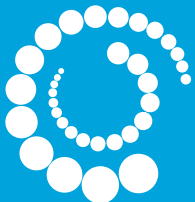
Each PearlFit positioning aid has at least one membrane. As the membrane is impermeable to liquids, no contrast agent, blood or other liquids can enter into the positioning aid.



The PearlFit-Effect



- PearlFit positioning aids allow a stable but yet pressure free positioning of patients
- The effect is commonly known from beanbags – the weight of the (part of the) body suppresses the pearls and makes them interlock into each other
- It is similar to vacuum cushions without the need to draw air out (less stable, but also less hard)
- It can be compared to a footprint in the sand



PearlFit Advantages



High durability, long lifetime
with tear-resistant materials



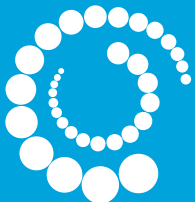
Stable positioning without
pressure points (beanbag
concept)



Perfectly hygienic;
Durable surface allows
easy cleaning without
residue using 70%
alcohol



Versatile fields of
application (CT, MRI, X-Ray,
etc.); Radiolucent from
70-140 kV





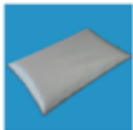
Polyurethane Foil and weld seams are durable, stretchy and hard to break



PearlFit Portfolio

Produktübersicht

Die PearlFit Lagerungshilfen sind in unterschiedlichen Formen und Grössen verfügbar und können bei allen radiologischen Untersuchungen zur angenehmen und zugleich stabilen Patientenlagerung innerhalb und ausserhalb des Untersuchungsbereiches verwendet werden.



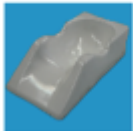
PearlFit Cushion

- 30 x 20 x 4 cm
- 50 x 30 x 7 cm
- 50 x 30 x 10 cm
- 50 x 20 x 4 cm
- 130 x 60 x 10 cm



PearlFit Flex

- 6 Kammern:
90 x 50 x 5 cm
- 3 Kammern:
90 x 50 x 7 cm



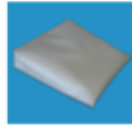
PearlFit Head/Neck

- stabile Unterstützung des Kopfes in Rückenlage
- Vakuum Version erhältlich



PearlFit Roll

- Ø = 18, L = 40 cm
- Ø = 18, L = 50 cm



PearlFit Wedge

- 26 x 25 x 7 cm



PearlFit Forehead

- angenehme Kopfpositionierung in Bauchlage

- PearlFit positioning aids allow comfortable positioning on patient tables
- Main shapes are:
 - Cushion
 - Roll
 - Flex
 - Wedge
 - Head/Neck
- PearlFit positioning aids are available in various sizes and cover a broad range of applications





Knee support

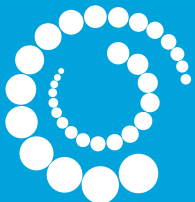
PearlFit Roll 50 and iFix Fleece 15





Knee Support

PearlFit Wedge 56x50x25





Arm-on-side

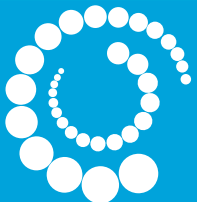
e.g. PearlFit Cushion 30x20x4 // 30x11x2





Superman Position

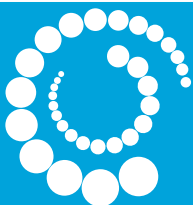
PearlFit Cushion 50x30x7 // 50x30x10

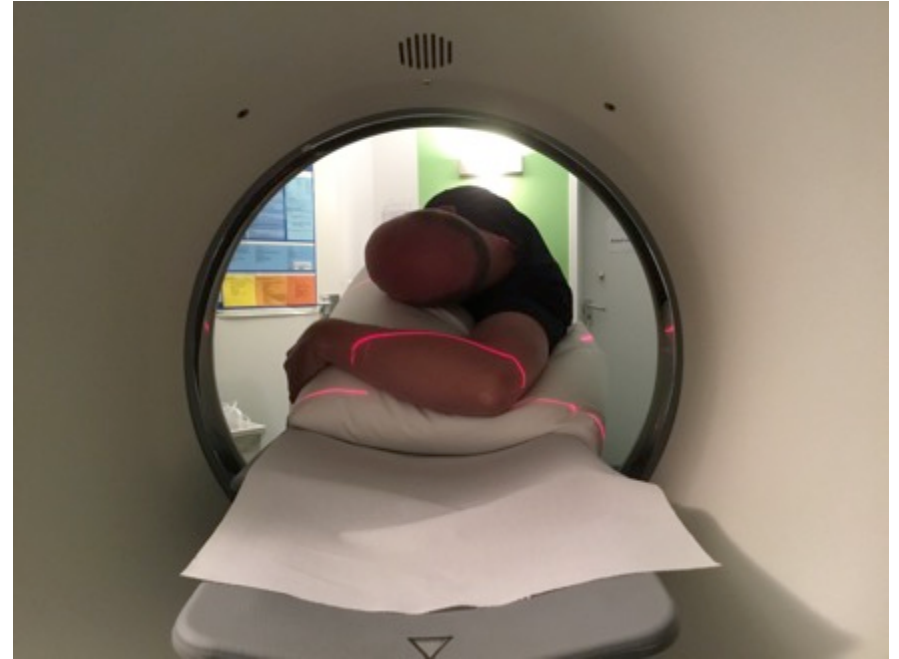




Prone Position

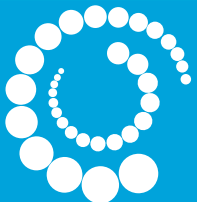
PearlFit Flex 3, PearlFit Forehead, PearlFit Roll





PearlFit Application – CT

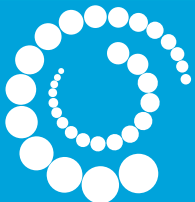
Elbow with PearlFit Wedge 56x50x25 cm





PearlFit Application– CT

Elbow with PearlFit Wedge 56x50x25 cm





PearlFit Application – CT

Prone position with two PearlFit Wedge 56x50x25 cm and Cushion 50x30x10





PearlFit Application – CT

Side position with PearlFit Wedge 30x50x15 cm (Vac) and
Cushion 50x30x10

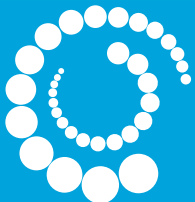




PearlFit Application- CT Hand(Wrist)

1) with PearlFit Wedge
56x50x25 cm and PearlFit
Wedge 30x50x15

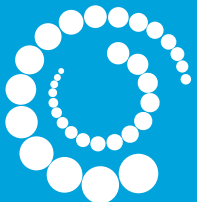
2) PearlFit Cushion
50x30x10 and PearlFit
Wedge 30x50x15





PearlFit Application– CT

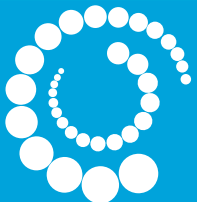
Thorax-Abdomen with two PearlFit Wedge 56x50x25 cm





PearlFit Application – CT

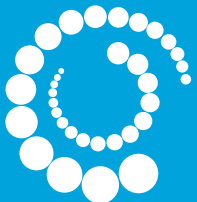
Thorax-Abdomen with two PearlFit Wedge 56x50x25 cm
and iFix Fleece 15





PearlFit Application – CT

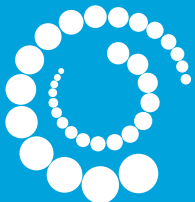
Foot/Ankle with PearlFit Wedge 30x50x15 cm (Vac)

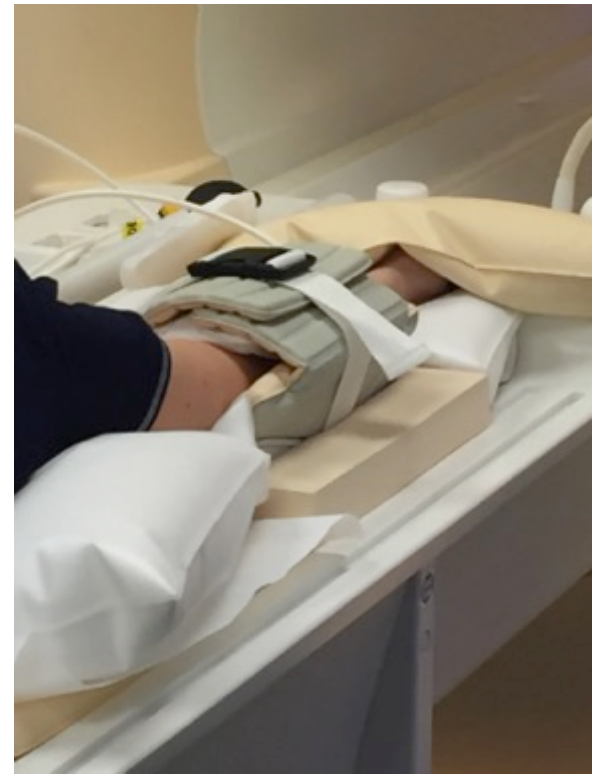
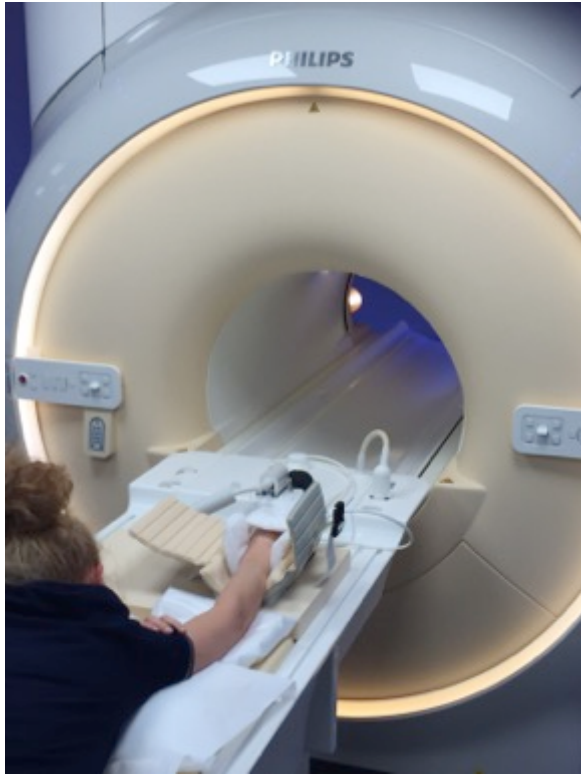




PearlFit Application– CT

Head exam with PearlFit Wedge 30x50x15, PearlFit Head/Neck und iFix Fleece 5





PearlFit Application – MRI

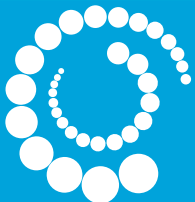
PearlFit Wedge 25x25x7 and PearlFit Cushion 50x30x7





PearlFit Application – Intervention

PearlFit Roll 50, PearlFit Cushion 90x60x5 Vac and iFix



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