





Elekta solutions for Brachytherapy for canal anal and rectum applications

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Elekta solutions for canal anal and rectum applications

For pre-surgery to reduce lesion size. Attempting to avoid colostomy - organ preservation in early rectal cancer.

As a boost following EBRT or as sole palliation in surgically unfit patients.

Elekta solutions for canal anal and rectum brachy applications

Non interstitial option: Intracavitary Mold Applicator



Interstitial Applicator option: MUPIT Applicator

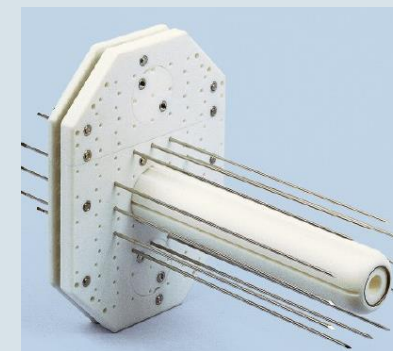


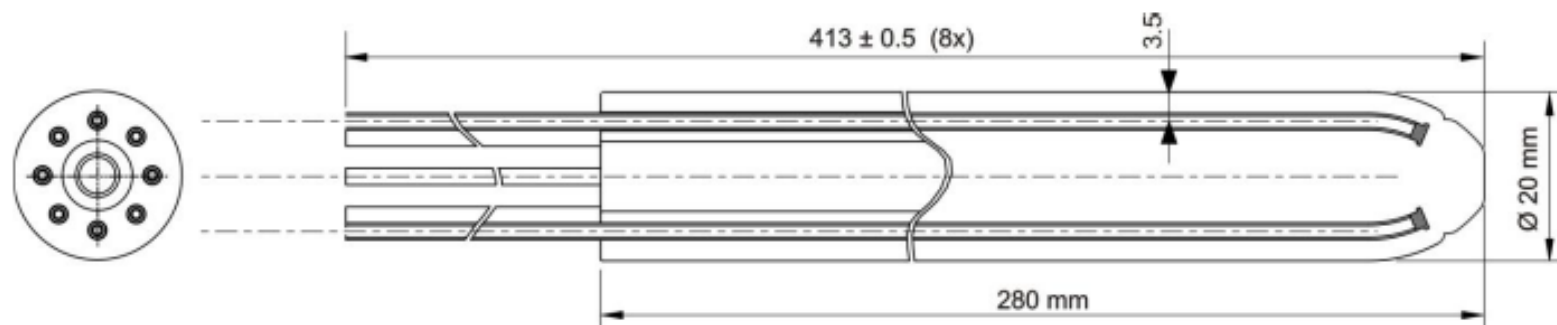
Image: Imaging Ring



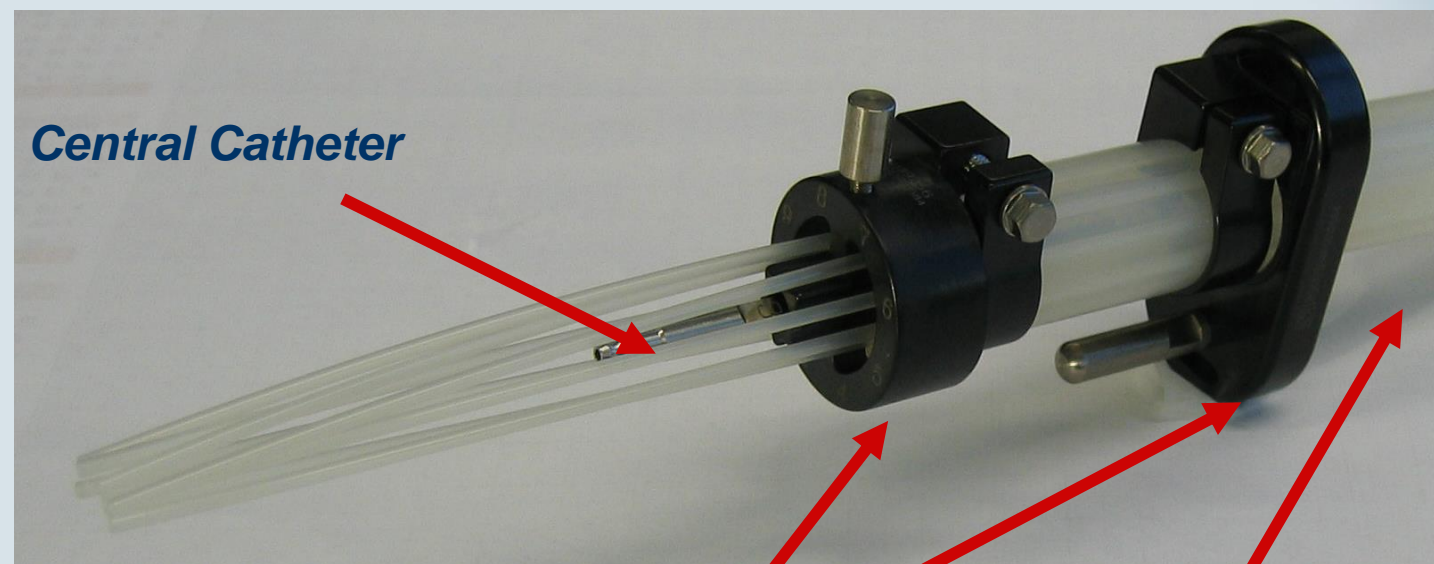
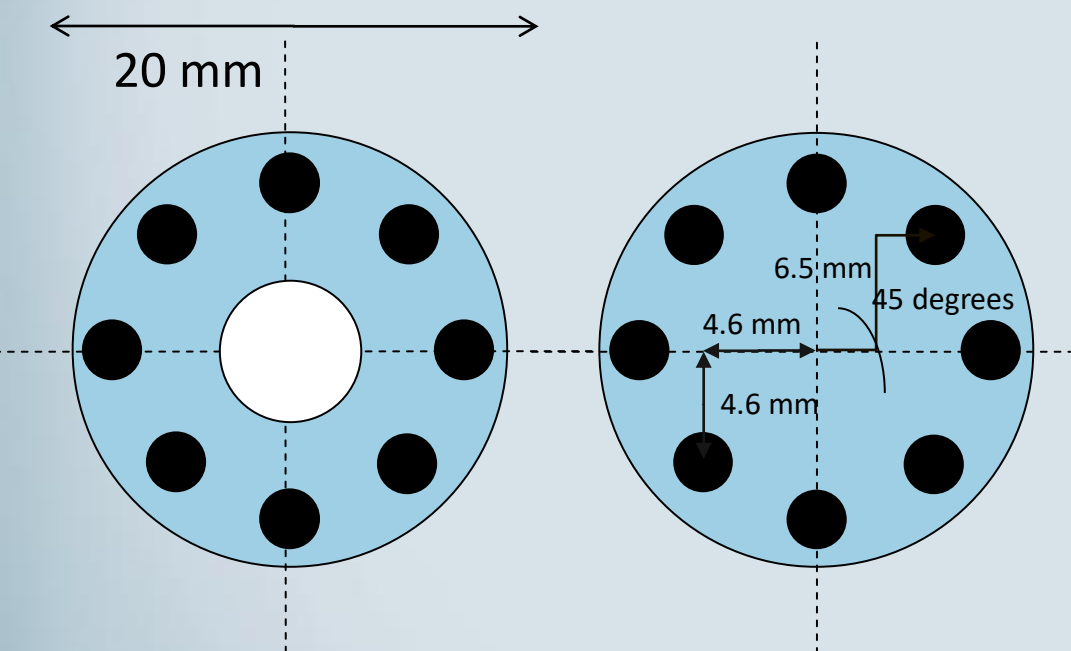
Intracavitary Mold Applicator



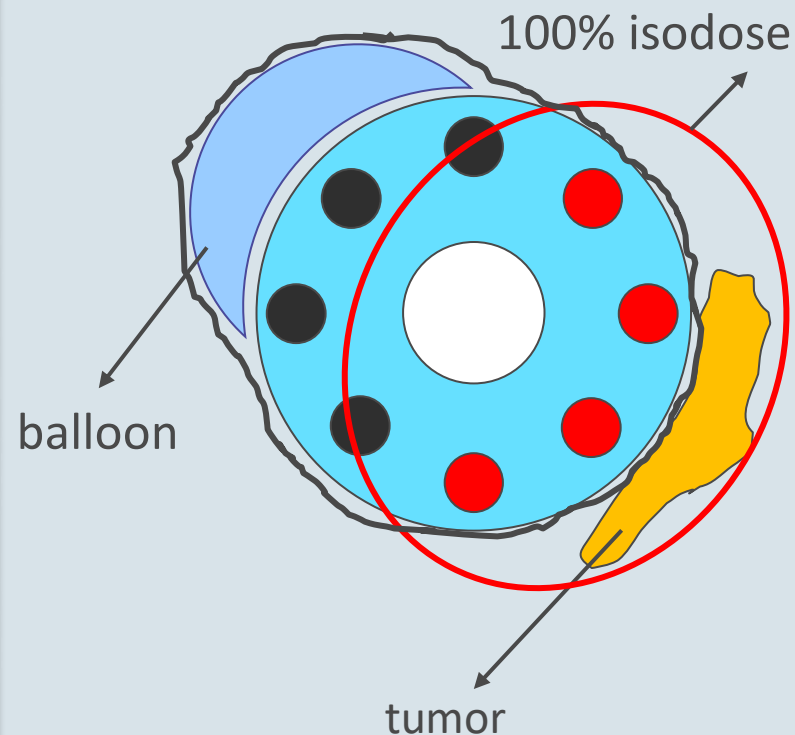
The intracavitary mold, is a flexible cylinder which has the flexibility to follow the shape of the colon. This gives an optimal situation for clinical brachytherapy treatment (in all places the distance to the colon wall is equal) and also considers patient comfort (pain is minimized). In the cylinder there are 8 outer catheters for guiding the radioactive source. If desired, an additional central catheter can be placed



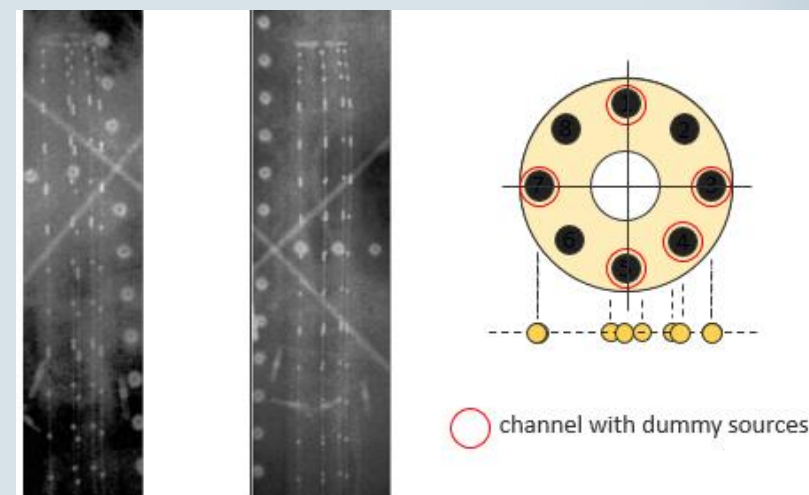
Intracavitary Mold Applicator



Intracavitary Mold Applicator

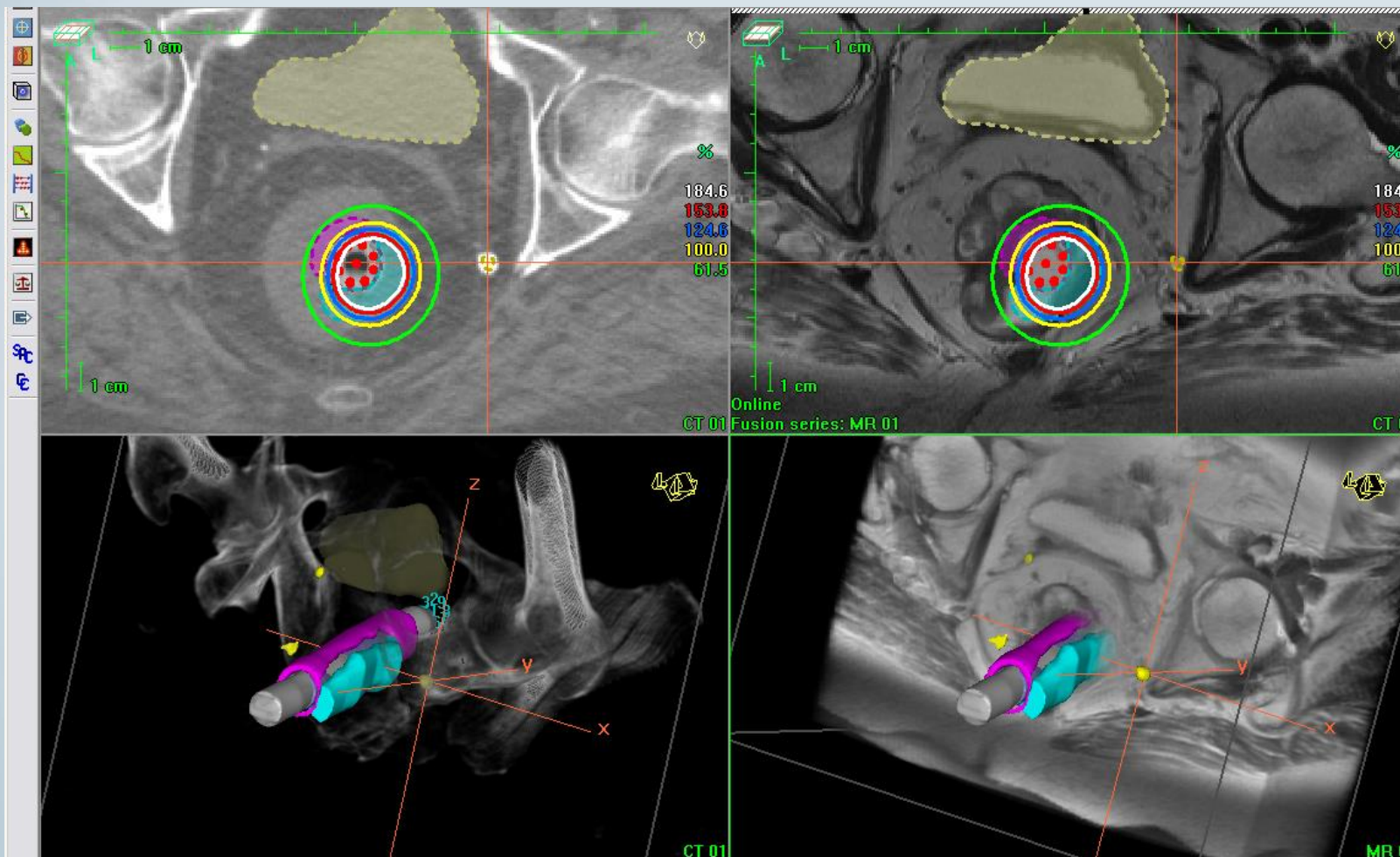


Asymmetrical catheter loading



Check applicator rotation (DRR's)

Intracavitary Mold Applicator



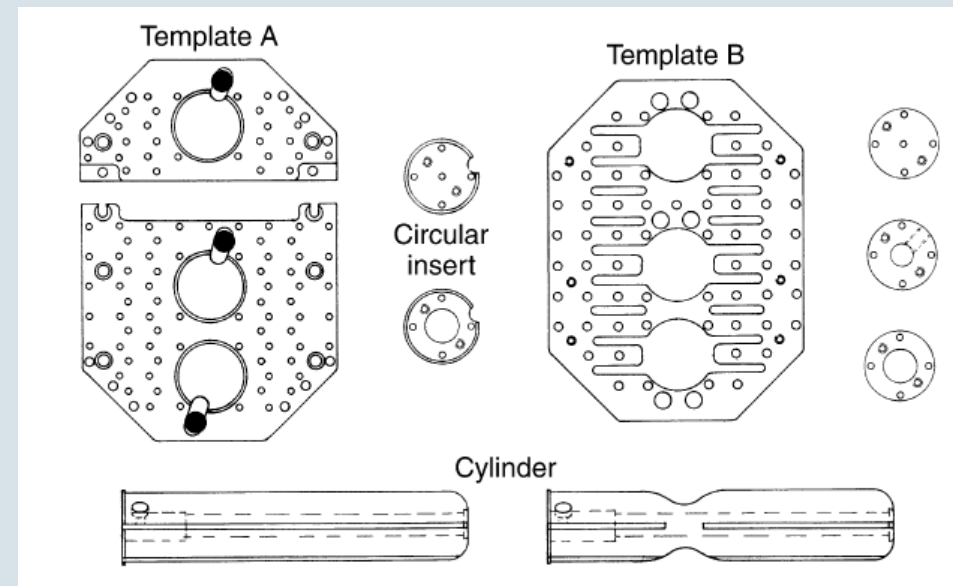
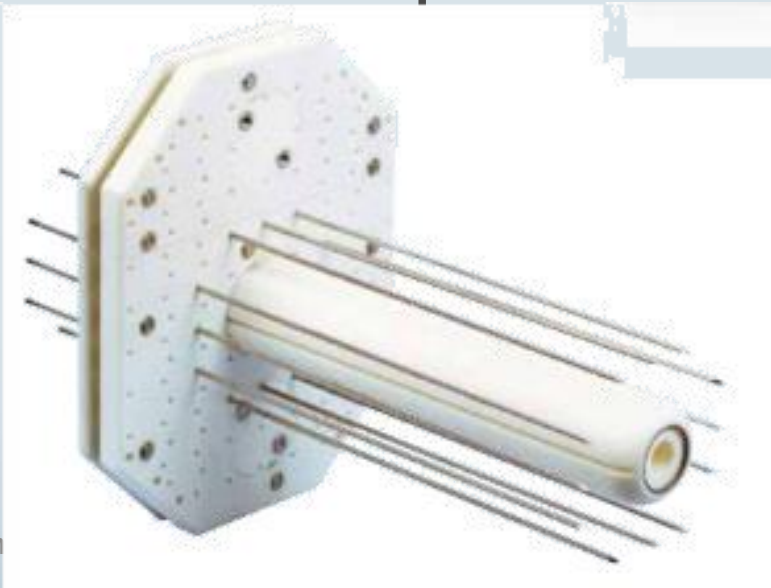
**Planning with Oncentra
Brachy**

**Possibility to use
inverse planning
with dose
optimization
algorithm (IPSA or
HIPO)**

MUPIT Applicator

Interstitial template for use with metal needles (\varnothing 1.5 or 1.9 mm). The needles can be individually re-positioned and locked for treatment

The periphery of the template has angled holes for the needles to reach the widest tumor spread. Rectal and vaginal cylinders are included to provide better template stability and additional treatment options.



ImagingRing

Bring imaging to the patient

Accuracy and imaging access

- Patient remains on same table
- Patient remains in same position
- Patient is treated as imaged

ImagingRing is an advanced, mobile CT scanner designed specifically for use in Elekta Studio, giving you access to high quality, in-room imaging whenever you need it.



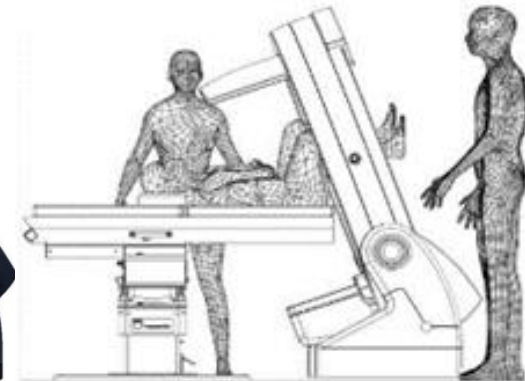
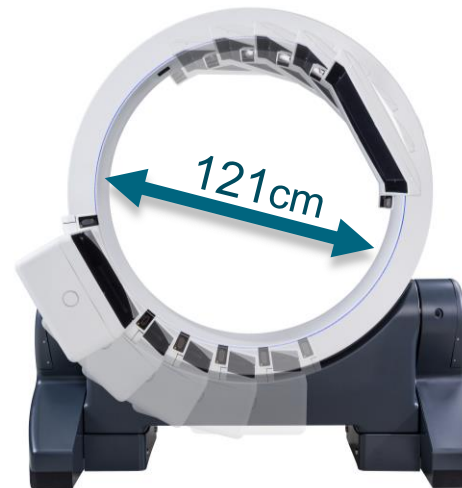
Mobile ImagingRing designed for IGABT

- Allows any view focussed to target
- Direct export for treatment planning
- 2D and 3D Imaging Acquisition



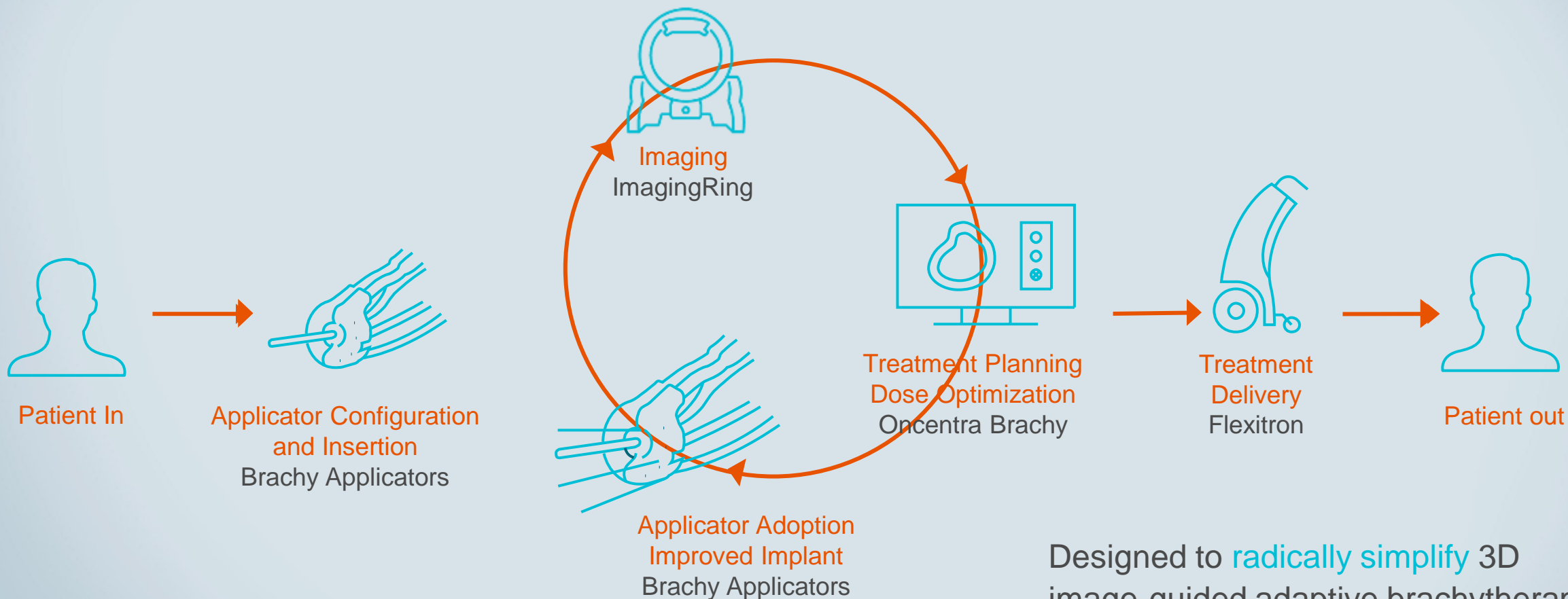
Non-isocentric
and
Inclined imaging

Mobile wide bore



Elekta Studio

Workflow brought back to simple



Designed to **radically simplify** 3D image-guided adaptive brachytherapy workflow and increase patient comfort



Thank you