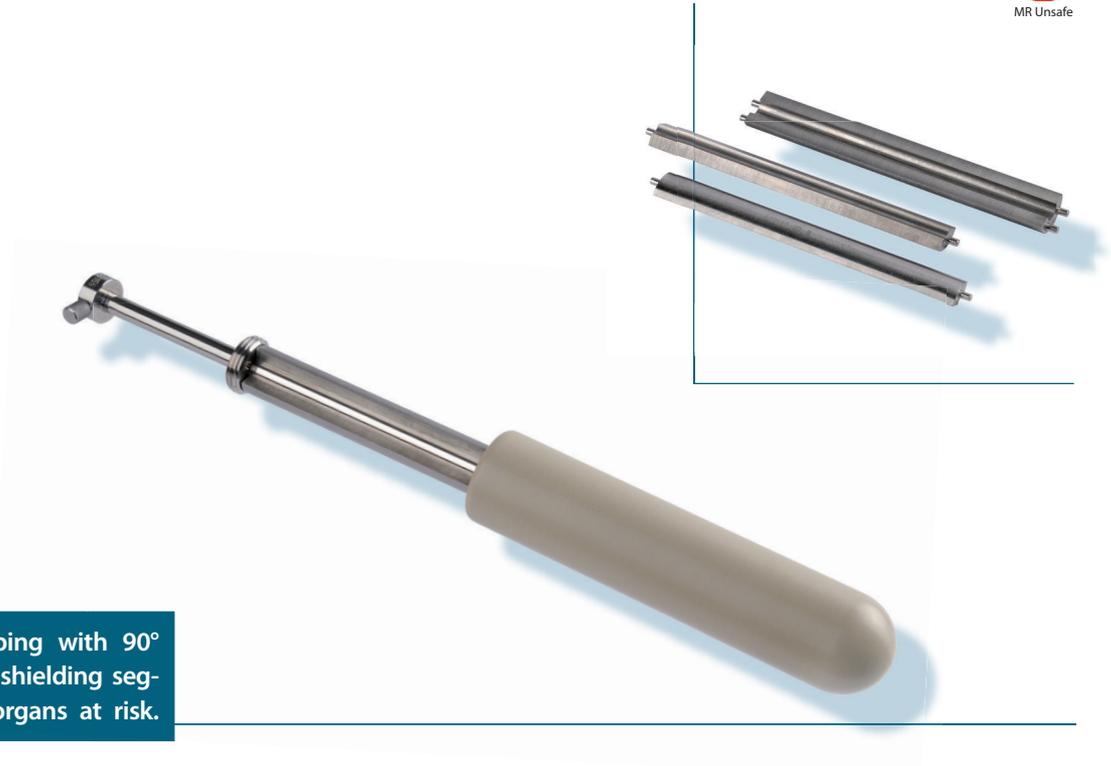


Vaginal/Rectal Cylinder Applicator Set Variable Shielding

SET0025



Variable dose shaping with 90° and 180° tungsten shielding segments to protect organs at risk.

Vagina, Rectum

Variable Shielding

The Vaginal/Rectal Cylinder Applicator Set with Variable Shielding has been designed for use in vaginal and rectal brachytherapy. This set includes 90° and 180° tungsten shielding segments which can be arranged in the desired configuration to achieve the shielding needed. The positions of the shielding segments are clearly visible when the applicator is inserted.

Easy Insertion

The cylinders are designed for easy insertion, and are tolerable for the patient during treatment. Cylinders are available in four different diameters to easily adapt to the individual patient's anatomy.

Precise Dose Distribution

The design of the cylinder assures a reasonable distance between the source and the target area. The shielding segments can be arranged to protect sensitive areas, such as organs at risk. The SagiPlan® and HDRplus treatment planning systems calculate the effect of the shielding for Co-60 and Ir-192 sources. The result of the shielding is shown in isodose-curves as well as dose at control-points at organs at risk. This applicator set is an essential brachytherapy tool for gynecological and gastroenterological treatments.

Features

- Variable shielding for protecting organs at risk
- Absorption by tungsten alloy: ~76% for Ir-192 and ~28% for Co-60
- Cylinders of different diameters adapt to the patient's anatomy
- Defined geometry of cylinders ensures homogeneous dose distribution at the surface
- Set is reusable; reprocessing via automatic cleaning and disinfection; steam sterilization
- Applicator can easily be attached to the applicator clamp (LAZ22-01)

Set Content SET0025

Quantity	Item	Part number
1	Vaginal Cylinder, closed, D=22 mm, L=130 mm	LA320-64
1	Vaginal Cylinder, closed, D=25 mm, L=130 mm	LA320-74
1	Vaginal Cylinder, closed, D=30 mm, L=130 mm	LA320-84
1	Vaginal Cylinder, closed, D=35 mm, L=130 mm	LA320-89
2	Shielding Segment 90°	LA320-90
1	Shielding Segment 180°	LA320-180
1	Receptor for Shielding Segments	LA313-25
1	Intrauterine Tube, straight	LAR01-01
2	Sealing Caps for LARXX and LCRXX, (10 pcs)	LAZ17-02

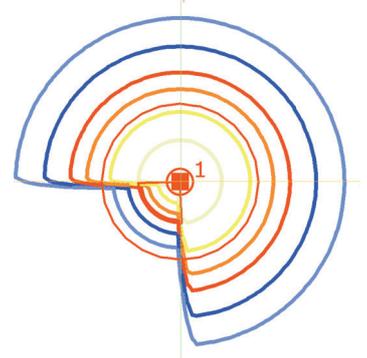
Required Items

Quantity	Item	Part number
1	Universal Applicator incl. plug, D=3 mm, L=1400 mm	LAA1400-GYN

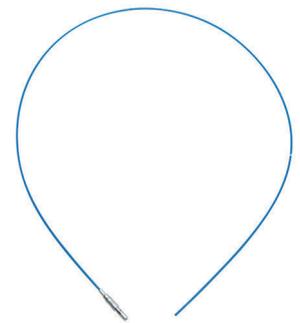
Optional Items

Quantity	Item	Part number
1	Sterilization Box, 381 x 254 x 38 mm ¹	LLZ05-01

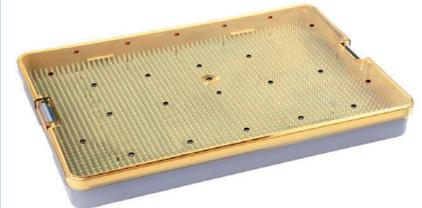
Isodose



Universal Applicator



Sterilization Box



¹ Manufactured by PST Plastic Sterilizing Trays Corporation