



**BEBIG**

# 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 Length

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.

### Versatile Design

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® 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

Item	Part number
Vaginal Cylinder, closed, D=22 mm	LA320-64
Vaginal Cylinder, closed, D=25 mm	LA320-74
Vaginal Cylinder, closed, D=30 mm	LA320-84
Vaginal Cylinder, closed, D=35 mm	LA320-89
Shielding Segment 90°	LA320-90
Shielding Segment 180°	LA320-180
Shielding Segment Receptacle	LA313-25

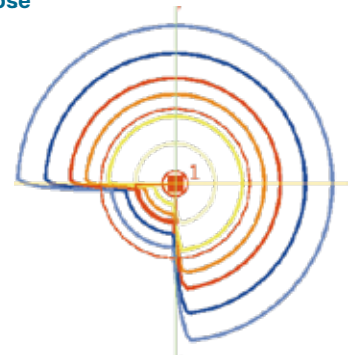
### Required Items

Alternative 1	Part number
Transfer Tube, D = 3 mm, L = 1000 mm	LAF1000
CT/MR Intrauterine Tube, straight, thin, D=3.5 mm	LCT 01-01
Alternative 2	Part number
Universal Applicator incl. plug, D=3 mm, L=1400 mm (non sterile)	LAA1400-GYN
Intrauterine Tube, CT/MR, straight	LCR01-01

### Optional Items

Item	Part number
Sterilization Box, 381 x 254 x 38 mm <sup>1</sup>	LLZ05-01

### Isodose



### Transfer Tube



### Sterilization Box



<sup>1</sup> Manufactured by PST Plastic Sterilizing Trays Corporation

\* For complete information and prior to use please read the Instructions for Use

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