

# Valencia Applicator Sets



A skin applicator, comprising a unique combination of a dose flattening filter as well as the adapted treatment planning and treatment delivery systems SagiPlan® and SagiNova®.

## Skin

### Non-invasive Brachytherapy for Skin Cancer

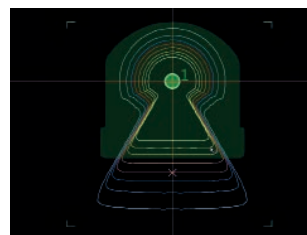
The Valencia Applicator design allows for non-invasive brachytherapy of skin cancer<sup>1</sup>, which can be performed in a few fractions with high dose rate iridium-192 sources.

### Dose Flattening Filter

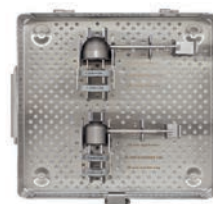
The tungsten-shielded applicator provides a flat dose profile to the skin to provide a more uniform dose to the target area.

### Integration with SagiPlan®

SagiPlan® offers a realistic (Monte Carlo based) 3D dose distribution using a modified TG-43 dose calculation algorithm. Thanks to a special skin dose prescription feature, dwell times are automatically determined based on the prescribed dose and depth. The integrated support of the Valencia Applicator enables to plan, treat and report in one system without the need for extra calculations in proprietary calculation tools. SagiPlan® gives the user the ability to evaluate and control dose distribution through ultrasound image overlay.



Isodose



Valencia Applicator Transport and Storage Tray

### Features

- 20 mm and 30 mm versions with horizontal source channel
- Automatic dwell time determination by input of target dose and target depth
- Dose flattening filter<sup>2</sup>
- Automatic length check in SagiNova® to assure the correct applicator is connected
- Robust transport and storage tray
- Ultrasound image overlay function
- Applicator available with connections for BEBIG Medical afterloaders and Varian transfer tubes<sup>3</sup>



# Valencia Applicator Sets

## KBE-1503

### Set for for BEBIG Medical SagiNova<sup>®</sup> transfer tubes<sup>4</sup>

(Item numbers are included for reordering purposes)

Valencia Applicator, D = 20 mm (KBE-1503-20 (BVH-20))  
Valencia Applicator, D = 30 mm (KBE-1503-30 (BVH-30))  
Cap with Marker Ring, D = 20 mm (KBE-1503-21)  
Cap with Marker Ring, D = 30 mm (KBE-1503-31)  
Cap without Marker Ring, D = 20 mm (KBE-1503-22)  
Cap without Marker Ring, D = 30 mm (KBE-1503-32)  
Sealing Caps, (10 pcs) (LAZ17-03)  
Transport and Storage Tray (KBE-1503-11)

#### Required Items

Qty.	Item	Part number
1	Transfer Tube, D = 3 mm, L = 1000 mm	KBE-LAF1000

## KBE-1504

### Set for Varian Bravos & GammaMedplus<sup>™</sup> transfer tubes<sup>3</sup>

(Item numbers are included for reordering purposes)

Valencia Applicator, D = 20 mm (KBE-1503-20 (BVH-20))  
Valencia Applicator, D = 30 mm (KBE-1503-30 (BVH-30))  
Cap with Marker Ring, D = 20 mm (KBE-1503-21)  
Cap with Marker Ring, D = 30 mm (KBE-1503-31)  
Cap without Marker Ring, D = 20 mm (KBE-1503-22)  
Cap without Marker Ring, D = 30 mm (KBE-1503-32)  
Sealing Caps, (10 pcs) (KBE-SRC093-12)  
Transport and Storage Tray (KBE-1504-11)

#### Required Items

1 Transfer Tube. Please reach out to your Varian distributor for purchase.

#### Optional Items

Item	Part number
Replacement Caps (1503-21, 1503-31, 1503-22, 1503-32)	KBE-1503-04

- <sup>1</sup> For use on intact skin.
- <sup>2</sup> G. Anagnostopoulos, M. Andrassy, D. Baltas, The Bebig Valencia-type skin applicators: Dosimetric study and implementation of a dosimetric hybrid technique, Brachytherapy, Published online: June 14, 2017
- <sup>3</sup> The applicator has been tested for mechanical compatibility with the indicated manufacturer's transfer tubes to confirm there are no internal source obstructions. Users are responsible for validating applicator compatibility, including treatment planning systems, with their afterloading equipment.  
Varian and GammaMed are trade names/trademarks of Varian Medical Systems, Inc.
- <sup>4</sup> Currently, the Valencia Applicator Set is not compatible with MultiSource and GyneSource.  
SagiNova is a registered trademark of BEBIG Medical and its subsidiaries.  
The mentioned products are not available in all markets. Please contact your local BEBIG Medical representative for more information.

#### Manufacturer:

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