

Valencia Applicator Sets

SET1503, SET1504



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 cancer¹, 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.

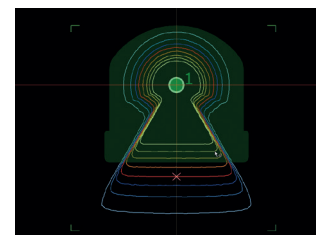
Integration with SagiPlan®

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.

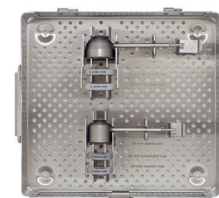


Features

- 20 mm and 30 mm versions with horizontal source channel
- Automatic dwell time determination by input of target dose and target depth
- Dose flattening filter²
- 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 Eckert & Ziegler BEBIG afterloaders and Varian transfer tubes³



Isodose



Valencia Applicator Transport and Storage Tray

Valencia Applicator Sets

SET1503, for Eckert & Ziegler BEBIG transfer tubes⁴

Qty.	Item	Part number
1	Valencia Applicator, D = 20 mm	LCT1503-20 (BVH-20)
1	Valencia Applicator, D = 30 mm	LCT1503-30 (BVH-30)
1	Cap with Marker Ring, D = 20 mm	LCZ1503-21
1	Cap with Marker Ring, D = 30 mm	LCZ1503-31
1	Cap without Marker Ring, D = 20 mm	LCZ1503-22
1	Cap without Marker Ring, D = 30 mm	LCZ1503-32
1	Sealing Caps, (10 pcs)	LAZ17-03
1	Transport and Storage Tray	LCZ1503-11

SET1504, for Varian GammaMedplus™ transfer tubes³

Qty.	Item	Part number
1	Valencia Applicator, D = 20 mm	LCT1503-20 (BVH-20)
1	Valencia Applicator, D = 30 mm	LCT1503-30 (BVH-30)
1	Cap with Marker Ring, D = 20 mm	LCZ1503-21
1	Cap with Marker Ring, D = 30 mm	LCZ1503-31
1	Cap without Marker Ring, D = 20 mm	LCZ1503-22
1	Cap without Marker Ring, D = 30 mm	LCZ1503-32
1	Sealing Caps, (10 pcs)	SRC093-12
1	Transport and Storage Tray	LCZ1504-11

Required Items SET1503

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

Optional Items

Qty.	Item	Part number
1	Replacement Caps (LCZ1503-21, LCZ1503-31, LCZ1503-22, LCZ1503-32)	LCZ1503-04



Eckert & Ziegler BEBIG Saginova® afterloader

¹ For use on intact skin.

² 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

³ 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.

⁴ Currently, the Valencia Applicator Set is not compatible with MultiSource and GyneSource. Saginova is a registered trademark of Eckert & Ziegler BEBIG GmbH and its subsidiaries.

The mentioned products are not available in all markets. Please contact your local Eckert & Ziegler BEBIG representative for more information.

Manufacturer:

**Eckert & Ziegler
BEBIG GmbH**
Robert-Rössle-Str. 10
13125 Berlin
Germany

Phone +49 30 94 10 84 130
Fax +49 30 94 10 84 112
info@bebig.com

Regional Sales, Marketing and Service:

**Europe, Middle East, Africa,
Latin America, Asia Pacific**

**Eckert & Ziegler
BEBIG GmbH**
Robert-Rössle-Str. 10
13125 Berlin
Germany

Phone +49 30 94 10 84 130
Fax +49 30 94 10 84 112
info@bebig.com

North America

**Mick Radio-Nuclear Instruments, Inc.
An Eckert & Ziegler BEBIG Company**
521 Homestead Avenue
Mount Vernon, NY 10550
USA

Phone +1 914 667 3999
Fax +1 914 665 8834
sales@micknuclear.com

www.saginova.info
www.bebig.com
www.micknuclear.com