
Ru-106 Eye Applicators

Beta Radiation for Eye Tumor Treatment



First Choice Treatment

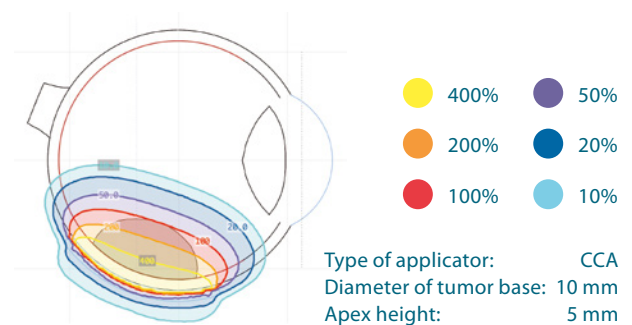
In most centers, plaque radiotherapy is the first choice of treatment for uveal melanoma. Ru-106 Eye Applicators require no assembly before use and have a half-life of 373.6 days which allows for multiple uses over a one-year period.

Ergonomic Design

Only 1 mm in thickness, Ru-106 plaques are easy to position on the globe. A selection of 13 different types enable dosimetry to be optimized according to tumor size and shape.

Beneficial Beta Radiation

The beta radiation emitted by Ru-106/Rh-106 has a limited range, providing a high dose to tumors up to 5 mm in thickness, while reducing the risk of collateral damage to optic disc and fovea.



Source Strength and Depth Dose Rate

Plaques come with an extensive individual source certificate, documenting the axial dose rate in 1 mm steps from the applicator surface including the reference dose rate at 2 mm distance.

Safety and Sterilisation Container for Ru-106 Eye Applicators (BEH.201)

This MDR-compliant container features an aluminium insert for beta-radiation shielding and a stainless-steel outer shell, ensuring effective radiation protection during sterilisation, storage, and in-house transport of Ru-106 Eye Applicators.

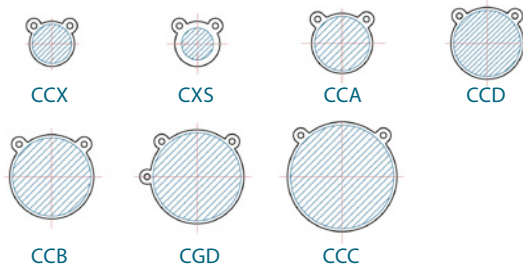


Quality »Made in Germany«

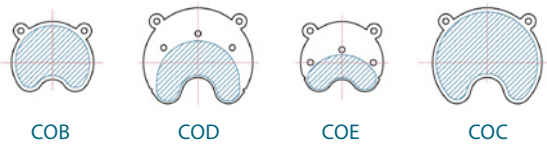
Eckert & Ziegler BEBIG is the only global provider of Ru-106 Eye Applicators. Every plaque is produced, tested and certified in Berlin, Germany, in compliance with high quality standards. Eckert & Ziegler BEBIG also accepts the return of used applicators for safe disposal.

Schematic Overview of Sites and Sizes

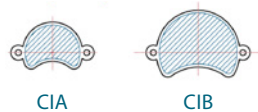
Peripheral tumors



Tumors close to the optic nerve



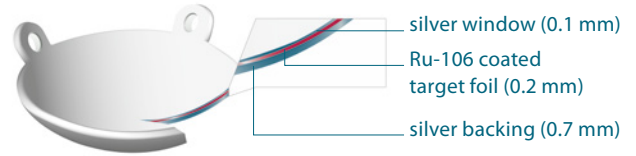
Tumors close to the iris



Illustrations not to scale. The diagram illustrates plaque types frequently used for the respective tumor locations. Final plaque selection is made by the physician according to individual tumor geometry.

Unique Plaque Design

The core of the Ru-106 Eye Applicator consists of a Ru-106/Rh-106 layer, safely encapsulated within pure-silver sheets. The convex radiation shield absorbs approximately 95 % of the beta radiation, protecting extraocular tissues and staff. Eyelets are provided to suture the plaque to the sclera.



Type	Diam. in mm	Spherical Radius	Order Number	Related Template ^b
CCX	11.6	12	Ru6.A03	ACD.T23
CXS	11.6 ^a	12	Ru6.A033	-
CCA	15.3	12	Ru6.A04	ACD.T24
CCD	17.9	12	Ru6.A05	ACD.T25
CCB	20.2	12	Ru6.A06	ACD.T26
CGD	22.3	13	Ru6.A07	ACD.T27
CCC	24.8	13	Ru6.A08	ACD.T28
COB	19.8	12	Ru6.A09	ACD.T29
COD	25.4	14	Ru6.A10	-
COE	19.8	12	Ru6.A11	-
COC	25.4	14	Ru6.A12	-
CIA	15.3	12	Ru6.A13	-
CIB	20.2	12	Ru6.A14	-

^a Active diameter for CXS only: 8 mm

^b Devices are supplied sterile in a box containing 10 pieces of the same template

Accessories

- Dedicated Safety and Sterilization Container
- Transparent, single-use templates to optimize positioning of applicators (for item numbers check the table)

manufactured by

www.altomed.com



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

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