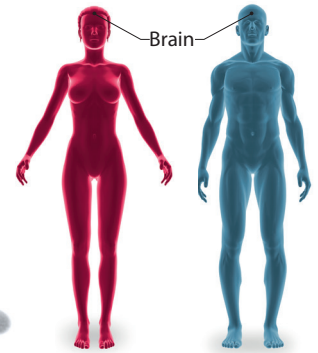


IsoSeed® I25.S17plus

Loose Seeds for Brain Tumor Treatment



IsoSeed® I25.S17plus

IsoSeed® characterizes a well-established I-125 sealed source model to treat brain tumors effectively.

"Made in Germany" quality combined with fast product delivery and reliable service.

IsoSeed® I25.S17plus for Brain Tumor Treatment

This seed is intended for the temporary or permanent treatment of localized brain tumors. These include small circumscribed glial tumors of WHO graded I-IV (Astrocytoma, Oligodendroglioma, Ependymoma, Glioblastoma and other central nervous system tumors) as well as in brain metastases. The sterile and loose IsoSeeds are implanted using closed double catheters with an inner diameter of ≥ 1 mm. IsoSeed® I25.S17plus for Brain Tumor Treatment can be fixed inside the catheter with spacers, filaments or clips.

Good Visibility

IsoSeed® I25.S17plus features a full size silver marker and has been designed for good visibility under MR and CT.

"Made in Germany" Quality

The seed production at Eckert & Ziegler BEBIG is performed at the manufacturing facility in Berlin, Germany. It operates under strict quality and regulatory standards. Each single IsoSeed® is required to pass rigorous quality inspections at every production stage before proceeding to the next step.

Calibration to NIST

The certified source strength of IsoSeed® is based on air kerma measurements. The source strength of IsoSeed® I25.S17plus is calibrated traceable to the primary $S_{K,N99}$ standard of the NIST (National Institute of Standards and Technology).

Guaranteed Biocompatibility

The titanium capsule of IsoSeed® is made of implant grade material. The finished products have been tested for biocompatibility.

On Time Delivery

Due to its geographical localization in the heart of Europe and intelligent stock management, Eckert & Ziegler BEBIG is able to provide IsoSeed® quickly and reliably worldwide, allowing flexible patient scheduling.

Reliable & Competent Service

Eckert & Ziegler BEBIG is a complete brachytherapy provider whose staff consists of experienced application specialists and service technicians, supported by an extensive network of technical and clinical experts. Eckert & Ziegler BEBIG staff is available to answer inquiries related to brain seed implantation.

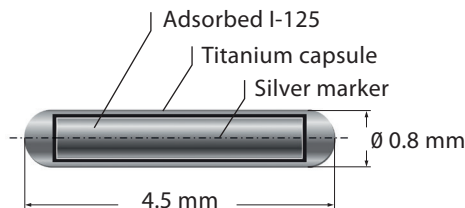
IsoSeed® I25.S17plus

IsoSeed® I25.S17plus

- Ordering number:
I25.S17plus-SLH



IsoSeed® is supplied sterile in a shielded stainless steel container



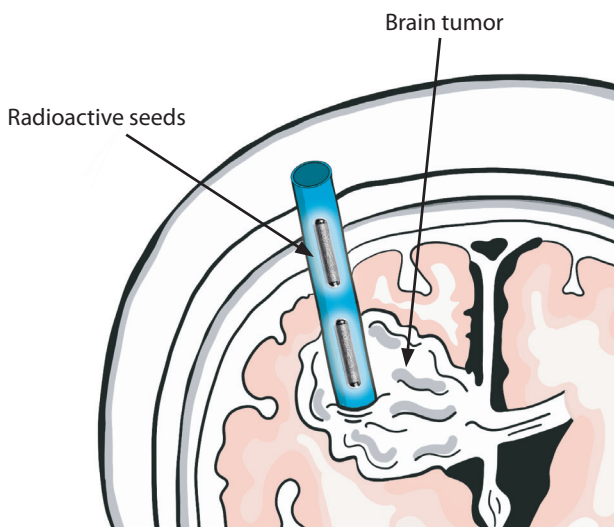
IsoSeed® I25.S17plus features a full size silver marker for MR and CT imaging

Accessories

Qty.	Item	Part number
1	IsoCord® Waste Container for Seeds	NLZ.102
1	IsoCord® Tweezers	NLZ.103
1	Shielding Container for Loose Seeds, sterile	30101-1307
1	Best* Brain Implant Kit	1171-0303

Class number	Air kerma strength in $\mu\text{Gy m}^2/\text{h}$	Apparent activity in mCi	Apparent activity in MBq
A01	0.25 – 1.96	0.2 – 1.5	7.4 – 57
A02	1.97 – 3.23	1.6 – 2.5	58 – 94
A03	3.24 – 4.50	2.6 – 3.5	95 – 131
A04	4.51 – 5.77	3.6 – 4.5	132 – 168
A05	5.78 – 7.04	4.6 – 5.5	169 – 205
A06	7.05 – 8.31	5.6 – 6.5	206 – 242
A07	8.32 – 9.58	6.6 – 7.5	243 – 279
A09	9.59 – 11.48	7.6 – 9.0	280 – 334
A10	11.49 – 13.39	9.1 – 10.5	335 – 390

Activity classes IsoSeed® I25.S17plus for Brain Tumor Treatment



Stereotactic brachytherapy for brain tumors

* Best is a trade name/trademark of Best Medical International, Inc. IsoSeed 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.

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