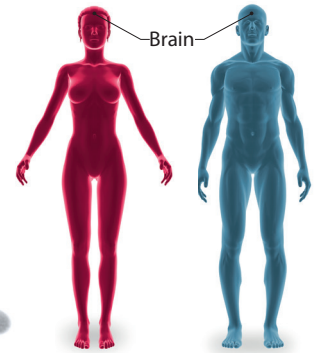


# IsoSeed® I25.S17plus

## 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  $\geq 1$  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.



**Eckert & Ziegler**  
*Contributing to saving lives*

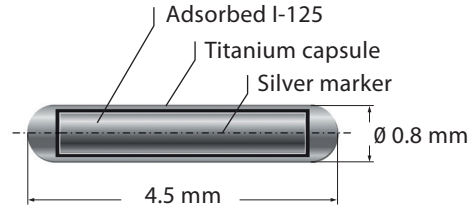
# IsoSeed® I25.S17plus

## IsoSeed® I25.S17plus

- Ordering number:  
I25.S17plus-SLH



IsoSeed® is supplied sterile in a shielded stainless steel container



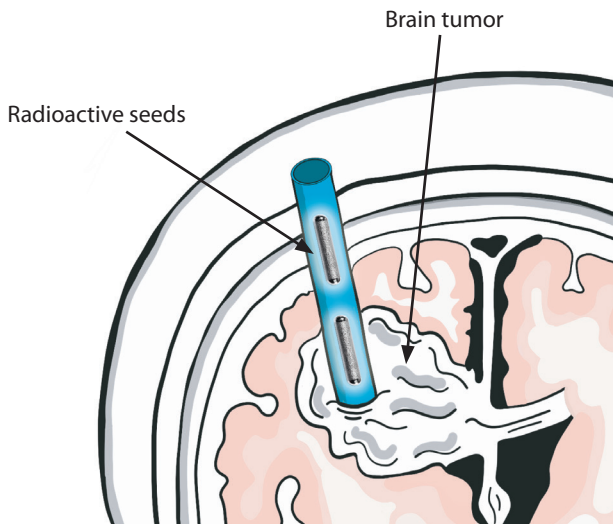
IsoSeed® I25.S17plus features a full size silver marker for MR and CT imaging

## 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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