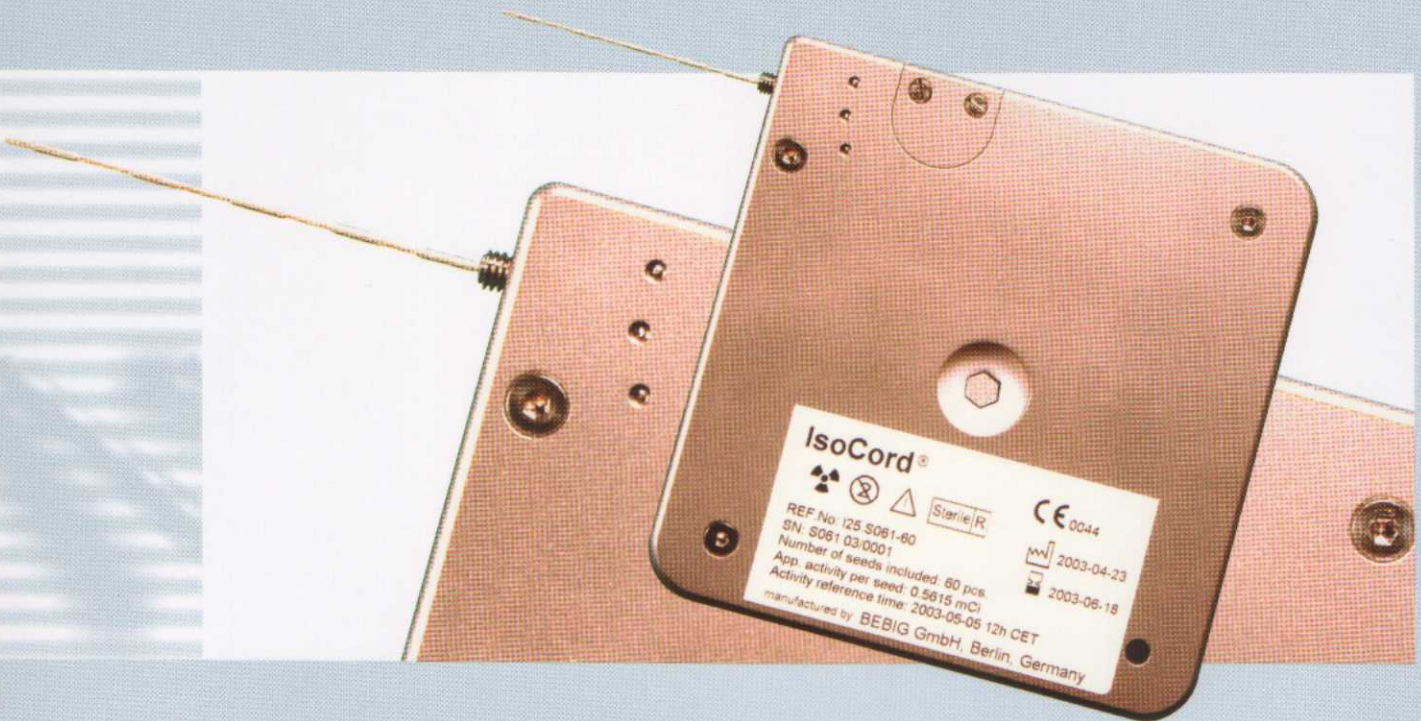


IsoCord[®], the "Reel" Strand

Product Information



IsoCord[®] is composed of the established BEBIG IsoSeed[®] I-125, spacers separating the seeds and incorporated within suture material. The suture material and spacers are completely biodegradable within the body.

■ Customisation

IsoCord[®] Seed Chains are wound in a magazine (reel) and can be customized according to your individual needs using the IsoCord[®] Needle Loading Station. I.e. the length of the IsoCord[®] to be implanted can be cut accordingly.

■ Radiation Protection

The IsoCord[®] Stainless Steel Maga-

zine in conjunction with the needle loading station offers superb radiation protection for the user throughout the procedure.

■ Application

The IsoCord[®] Needle Loading Station precisely separates the seed chain allowing smooth manoeuvring throughout the needle and easy deposition into the prostate without any jamming. The IsoCord[®] Spacers prevent the accordion effect i.e. the shortening of the distance between seeds in the needle or the prostate during the implantation process. The seeds remain in their determined positions.

■ Implant

The IsoCord[®] Seed Chain with its very stable initial stiffness provides seed fixity once it is deposited in the

prostate. The hour-glass shape of the spacers facilitate rapid degradation within the tissue.

■ Magazine

The IsoCord[®] Magazine functions both as a transport container and a drive for the IsoCord[®] Seed Chain in the needle loading station. With the drive in the magazine the IsoCord[®] Seed Chain can be manually advanced in the needle loading station. When not used in conjunction with the needle loading station the drive is automatically secured.

■ Miscellaneous

The IsoCord[®] Magazine is delivered in a double sterile packaging to offer an optimally sterile product. The biocompatibility of the IsoCord[®] Seed Chain has been proven by extensive tests.

For further information or a quotation please contact : Colin Walters



Prostate Seed Implant Equipment and Services

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An Eckert & Ziegler Company

IsoCord[®], the "Reel" Strand

■ IsoCord[®]

Needle Loading Station

The picture to the right portrays the IsoCord[®] Needle Loading Station, the IsoCord[®] Magazine and the advancing drive wheel. The actual length of the IsoCord[®] is visualized using a mirror, protecting the eyes and body from the emitted radiation. After the length of the IsoCord[®] has been determined it can be separated from the remaining strand and loaded into the needle using a built in stylet.



Order number and total number of Seeds in IsoCord[®]

Order-No.	Total Number of Seeds
I25.S061-50	50
I25.S061-60	60
I25.S061-70	70
I25.S061-80	80
I25.S061-90	90
I25.S061-100	100



Available seed classes for IsoCord[®], further seed classes and activities upon request

Seed class	Air kerma in $\mu\text{Gy m}^2/\text{h}$	Apparent activity in mCi	Apparent activity in MBq
1	0.357 – 0.386	0.281 – 0.304	10.38 – 11.26
2	0.387 – 0.419	0.305 – 0.330	11.27 – 12.22
3	0.420 – 0.455	0.331 – 0.358	12.23 – 13.26
4	0.456 – 0.493	0.359 – 0.388	13.27 – 14.37
5	0.494 – 0.535	0.389 – 0.421	14.38 – 15.59
6	0.536 – 0.581	0.422 – 0.457	15.60 – 16.92
7	0.582 – 0.630	0.458 – 0.496	16.93 – 18.37
8	0.631 – 0.683	0.497 – 0.538	18.38 – 19.92
9	0.684 – 0.742	0.539 – 0.584	19.93 – 21.62
10	0.743 – 0.805	0.585 – 0.634	21.63 – 23.47
11	0.806 – 0.874	0.635 – 0.688	23.48 – 25.47
12	0.875 – 0.948	0.689 – 0.746	25.48 – 27.62
13	0.949 – 1.028	0.747 – 0.809	27.63 – 29.95
14	1.029 – 1.115	0.810 – 0.878	29.96 – 32.50

The information given above is not sufficient for safe handling of the product. For more detailed information please refer to the instructions for use.

IsoSeed[®] and IsoCord[®] are registered trademarks of Eckert & Ziegler AG.

Rev. 04/2003 72200-0124



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