



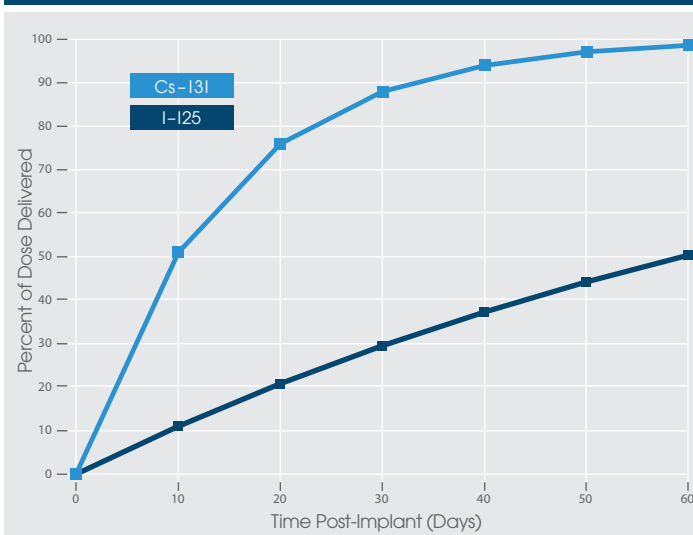
Expanding Brachytherapy Options
Throughout the Body

CESIUM-131 IS THE SMARTEST CHOICE IN LUNG BRACHYTHERAPY

Adjuvant lung brachytherapy can significantly increase local control following limited resection for NSCLC¹. When selecting a brachytherapy isotope, consider that Cs-131 delivers 90% of its dose in 33 days — **six times faster than I-125**.

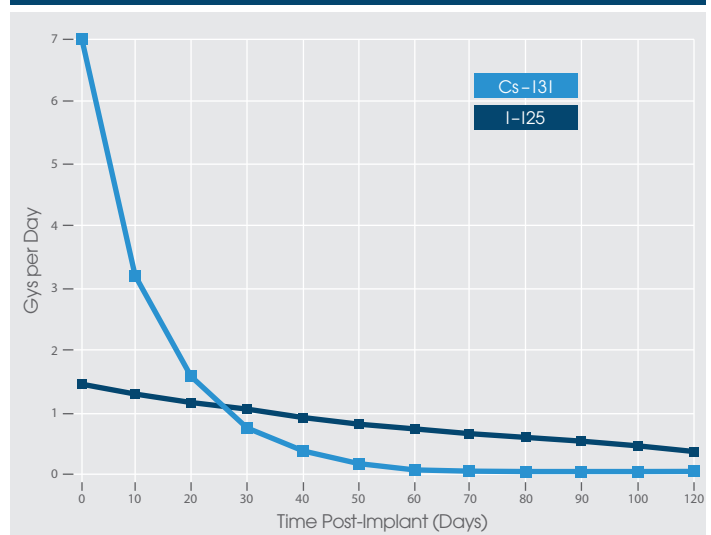
Have Confidence that Your Prescription Dose is Delivered as Planned.

Dose Delivery of Cs-131 and I-125



- Cesium-131 has delivered 90% of the intended dose 33 days post implant, compared to 32% of the I-125 dose.
- Cesium-131 has delivered 99.8% of the dose at 90 days, when bioabsorbable sutures/mesh have most likely dissolved, compared to 65% of dose delivered for I-125.
- Cesium-131 delivers uniform and symmetrical radiation penetration for a homogeneous lung implant.

Dose Rates of Cs-131 and I-125



- For the first 26 days after implant, the dose rate from Cs-131 is greater than from I-125.
- After 26 days, the dose rate from I-125 implant exceeds that of Cs-131.
- With Cs-131, radiation safety precautions can be discontinued much sooner than with I-125.

LUNG • HEAD & NECK • TONSILS • PROSTATE • COLORECTAL • OCULAR MELANOMA • BREAST* • BRAIN*

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ADV-057 R1

Cesium-131

Product Information

Proxcelan Cesium-131 Lung Brachytherapy cases are manufactured to each patient's prescription with:

- Polyglactin 910 absorbable strands
- Polyglactin 910 absorbable mesh

Order Configurations:

Standard configuration; ten (10) seeds per braided strand.

- Seeds spaced 1 cm center to center

Standard configuration of braided strands loaded into bioabsorbable mesh.

- 4-6 strands per mesh
- 10 seeds per strand

Special Order Configurations: Available upon request

Special order braided strands containing up to 20 seeds.

- Seeds spaced 1 cm center to center
- Custom number of strands per order

Special order braided strands loaded into bioabsorbable mesh.

- Up to 12 strands per mesh

Half-circle 65mm taper point needle may be attached to one end of the strand upon request.

Mesh sold separately.

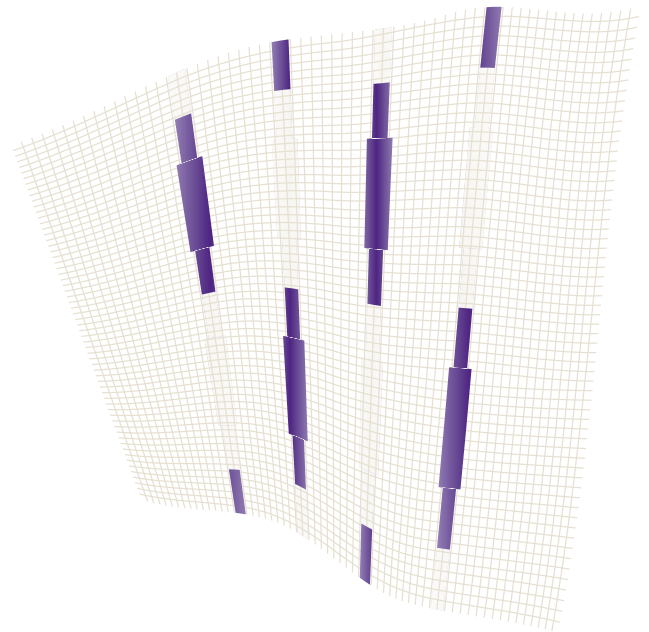
Isotope Dose Delivery Over Time

Isotope	Half-Life	Energy	90% Dose
Cs-131	9.7 days	30.4 keV	33 days
I-125	60 days	28.5 keV	204 days

Order Information

Contact IsoRay Customer Service for More Information or an Order Form:

Wanda Kucera
509.375.5329 phone
509.267.3670 fax
wkucera@isoray.com



1. C. Fernando, R. S. Santos, J. R. Benfield, F. W. Grannis, R. J. Keenan, J. D. Luketich, J. M. Close, and R. J. Landreneau. "Lobar and sublobar resection with and without brachytherapy for small stage 1A and non-small cell lung cancer." J. Thorac. Cardiovasc. Surg. 129, 261-267 (2005).

* Coming Soon.