

Ir-192 Wire Source

Product Information

Shapes of Iridium-192 wires which are loaded into a plastic tube



IRF-1



IRF-2

IBt Bebig Iridium-192 wire sources are thin and flexible wires coated with pure platinum. They are available in two different shapes.

■ Application

The IBt Bebig Ir-192 wires are designed for the treatment of head and neck, breast, anal, and gynaecological cancers by interstitial or intracavitary brachytherapy.

■ Advantages

The thinness of the IBt Bebig Ir-192 wires allows for precise positioning. The wires can be cut to the desired length, providing an optimal dose distribution to the primary target volume.

■ Accessories

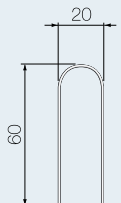
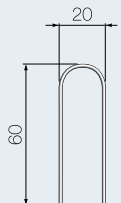
The IBt Bebig accessories include plastic catheters with different diameters and retention plates. The plastic catheters are delivered sterile in a packaging unit of 50. All catheters are bio-compatible.

■ Shipment

IBt Bebig Ir-192 wires are shipped in non-returnable lead containers (Type A package).

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■ Characteristics for Iridium wires

Order Code	IRF-1	IRF-2
Dimensions in mm		
Total Length in mm	140	140
Active Diameter in mm	0.1	0.3
Outer Diameter in mm	0.3	0.5
Linear Apparent Activity* in MBq/cm	29.6–129.5	185–370
in mCi/cm	0.8–3.5	5–10
Nominal Air Kerma Rate (per Length Unit) in $\mu\text{Gy}/\text{h}^{-1}\text{m}^2\text{cm}^{-1}$	3.2–14.1	20.2–40.3

* Linear inhomogeneity deviation $\leq 10\%$

Please note: Other activities on request

■ Accessories

Order Code	Description	Pcs per Unit
LONGCIP-1	External Envelope (Catheter) Sterile Length 500 mm OD/ID: 1.6/1.2 mm	50
LONGCIP-2-3	Catheter for Ir-wire Sterile Length 500 mm OD/ID: 0.90/0.45 mm	50
CU-PQ-CT-PRA-252	Breast Template	10

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