

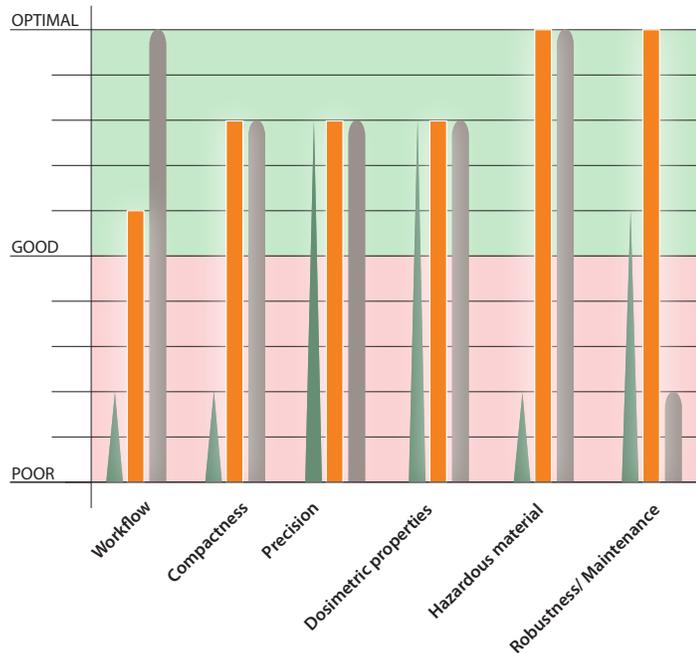


- Instant usability
- Highest reliability (no electrical components, easy maintenance)
- Minimal investment
- No reliable power supply required
- Easy leaf retraction system

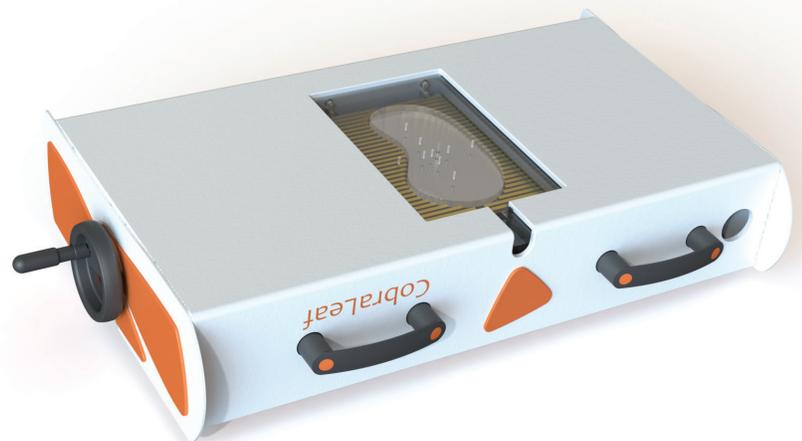
A Precisis^{AG} Technology in collaboration with Best Theratronics and DKFZ

Innovative Pneumatic Drive with High Reliability

COMPARISON OF CONFORMAL THERAPY OPTIONS



The innovative concept of the CobraLeaf® MLC system now provides the ability to conform Best Theratronics' Cobalt-60 Radiotherapy to the exact tumor shape without the cumbersome use of lead blocks. The method, known as 3D CRT, improves the impact on the cancerous tissue while sparing the surrounding healthy tissue. The MLC connects modern treatments methods in radiotherapy with high cost-efficiency and maximum reliability for all environments, even in remote areas, which helps save lives all over the world.



Features

Drive: Closed-loop pneumatics / Power independent / Easy leaf retraction system

Field size: 20 cm x 30 cm

Leaf width: 10 mm

Focus: Single focus + rounded leaf ends

Penumbra: < 10 mm

Leakage: < 2%

Mounting in Accessory tray

Compact design:

- **Dimensions:** 65 cm x 35 cm x 12.5 cm

- **Weight:** 45 kg

Reference:
Baumann M., Echner G., et al. A manual Multileaf Collimator for use in Cobalt-60 Teletherapy. Proceedings of 33rd Annual Conference of the Association of Medical Physicists of India, 2012 (0-02 12070902)

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