

Product Datasheet **Mobetron SC for Skin Cancer**

IntraOp® Mobetron® SC is the only electron linear accelerator designed to provide precise non-invasive treatment for skin cancer.

Facility Benefits

- ▶ Enhanced Productivity
- ▶ Patient Retention
- ▶ Competitive Advantage
- ▶ Established Reimbursement
- ▶ Return on Investment

Physician Benefits

- ▶ Effective Treatment
- ▶ Efficient Workflow
- ▶ Greater Precision
- ▶ Excellent Cosmesis
- ▶ Reduced Toxicity

Patient Benefits

- ▶ Better Cosmetic Outcomes
- ▶ Non-invasive
- ▶ No Scarring
- ▶ No Post-surgery Recovery
- ▶ More Convenient

IntraOp's innovative electron-beam technology provides sub-millimeter accuracy in delivering the most precise doses of electron particles. Generally prescribed to treat the tumor bed only a few millimeters below the surface of the skin, this non-surgical solution delivers significantly less dose to the healthy tissues and organs that may exist below the tumor bed as compared with X-ray or orthovoltage radiation.

Mobetron SC's innovative design is compact and its integrated shielding minimizes the footprint required to implement this unique solution in any clinic. Our built-in treatment planning and scheduling software utilizes the best practices in high-volume radiation oncology, patient set-up, preparation, and simulation. This contributes to a more streamlined training protocol for therapists and vastly quicker patient throughput for the clinic—all while further ensuring a safer and more effective treatment for the patient.



PRODUCT DATASHEET: MOBETRON® SC FOR SKIN CANCER

Beam Parameters

ENERGY (MeV)	6
80% DEPTH DOSE (CM)	2
X-RAY CONTAMINATION	<0.1%
DOSE RATE	10 Gy/min (3 Gy/min optional)
SOURCE TO SURFACE DISTANCE	45 cm & 50 cm

Movements

GANTRY ROTATION	±90°
TILT	+30/-10°
COLLIMATOR	360°
VERTICAL	±15 cm
LONGITUDINAL	±10 cm
LATERAL	±10 cm

Safety

POWER TERMINATION

Beam stopped by set dose and all faults

EMERGENCY OFF

Push buttons easily reached from both the treatment unit and console

BEAM ALIGNMENT MOTOR DRIVES

Two button actuation

BEAM ALIGNMENT

Laser aligned crosshair, distance and field light indicators

TOUCH GUARD SENSOR

Stops motor functions to avoid collision

System Size

TREATMENT UNIT		CONSOLE	
WEIGHT - LBS. (KG)	3931 lbs (1783 kg)	WEIGHT - LBS. (KG)	145 lbs (66 kg)
WIDTH - IN. (CM)	43 in (109 cm)	WIDTH - IN. (CM)	28 in (71 cm)
LENGTH - IN. (CM)	88 in (224 cm)	LENGTH - IN. (CM)	26 in (66 cm)
TREATMENT HEIGHT - IN. (CM)	98-110 in (249-279 cm)	HEIGHT - IN. (CM)	48 in (122 cm)

Dosimetry

RESOLUTION	1 cGy
REPRODUCIBILITY	1%
LINEARITY	1%

Regulatory Compliance

PRODUCT CERTIFICATION

FDA; IEC; CE; SFDA; KFDA; CFDA

QUALITY ASSURANCE

AAPM TG51 compliant

Accessories/Collimators

APPLICATOR SIZES (ROUND)

6 cm & 10 cm

APPLICATOR INSERTS

Broad range of sizes

Power Needs

POWER CONSUMED WITH BEAM ON

<2 kVA

VOLTAGE

200-240 VAC 50-60 Hz