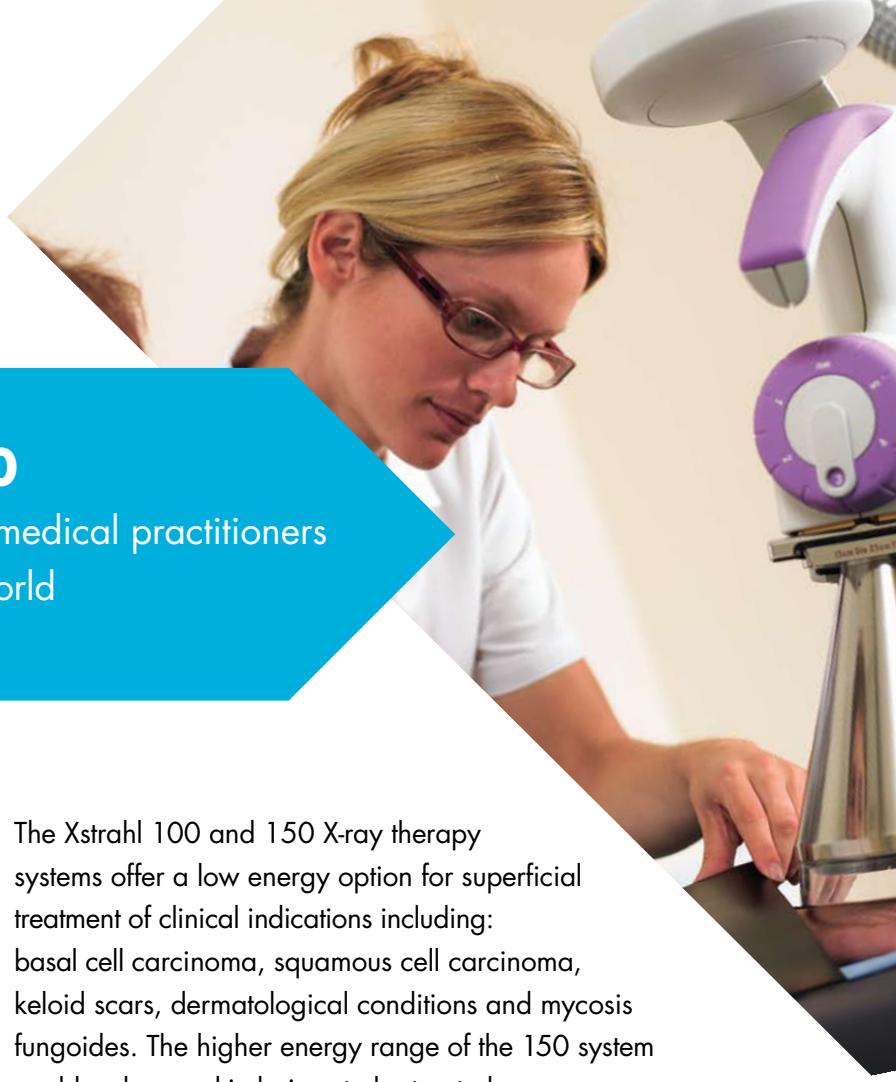

Xstrahl 100 and 150

Specialist clinical solutions for medical practitioners and their patients across the world

The Xstrahl 100 and 150 X-ray therapy systems offer a low energy option for superficial treatment of clinical indications including: basal cell carcinoma, squamous cell carcinoma, keloid scars, dermatological conditions and mycosis fungoides. The higher energy range of the 150 system enables deeper skin lesions to be treated.

Xstrahl delivers:

Versatility, performance and value

- Cost effective way of increasing your radiation treatment capacity
- Low energy therefore lower construction cost as less room shielding is required
- Customized energy selection to suit your clinical requirements for percentage depth dose
- Multiple treatment fields can be delivered sequentially without unnecessary delays between treatment exposures
- Connectivity to patient management systems
- Meets current safety requirements with fully encoded filters and treatment applicators

Ease of use

- Ergonomic controls to suit all clinical set up requirements
- Electro magnetic brake system to ensure fast, accurate patient setup
- Simple intuitive user interface for ease of operation
- A full range of clinical and technical training programs for easy integration of the system into a facility
- Clinical training for the Xstrahl systems is further supported by our interactive educational and teaching resource STEP

Mobile, space saving design

- Wall or ceiling mounted to accommodate almost any clinical space and enable the treatment room to be used for other clinical purposes.
- Ideal for installing into a mobile unit for transport to satellite clinics and day care centers
- The power supply and electronics can be housed in a separate room or enclosure

All Xstrahl medical systems have CE, FDA and Health Canada clearance and are certified to ISO13485:2003.

Xstrahl 100

Mobility and accuracy for the most challenging superficial treatment regions

Functioning as two machines in one, the Xstrahl 100 superficial and Grenz Ray therapy system delivers outstanding clinical accuracy with excellent cosmetic outcomes and provides a non-surgical alternative for treating primary skin lesions, especially in sensitive areas of the head and neck. The system is simple to operate with intuitive functionality. Ergonomically designed, the Xstrahl 100 provides smooth, controlled movements ensuring straightforward, accurate positioning whilst maximizing maneuverability and patient comfort.

Clinical conditions

The Xstrahl 100 X-ray system is a low energy system for treating a wide range of superficial dermatological conditions including:

- Basal cell carcinoma
- Squamous cell carcinoma
- Dermatological conditions including psoriasis

Technical specifications

- Tube voltage 10 – 100kV
- Tube current 0 – 16mA
- Maximum HVL 5mm Al
- Maximum power output 1kW

Output Data
Typical Dose Rate 100-300 cGy/min, Field size 1cm – 15 cm diameter

kV	HVL (mm)	mA	FSD	Measured Dose Rate cGy/min	Maximum Dose Rate cGy/min
50	1 Al	10	15	436	436
100	5 Al	4	15	110	275

Xstrahl 150

Compact design ensures a reassuring and stress free patient experience

The higher energy range of the Xstrahl 150 system makes it perfectly suited for treating deeper skin cancer lesions with excellent cosmetic outcomes.

Designed for permanent installation within the radiotherapy suite, the Xstrahl 150 system can be mounted on a floor or ceiling stand to suit the user and room set-up. The intuitive machine controls have been ergonomically designed to provide the operator with smooth, controlled movements at all times allowing the radiation therapist to easily position the unit ensuring patient comfort wherever the treatment site.

Clinical conditions

The Xstrahl 150 X-ray system is ideal for treating superficial lesions and medium sized benign plaques including:

- Basal cell carcinoma
- Squamous cell carcinoma
- Keloid scars
- Dermatological conditions including psoriasis
- Mycosis fungoides and other deeper benign plaques

Technical specifications

- Tube voltage 10 – 150kV
- Tube current 0 – 30mA
- Maximum HVL 8mm Al
- Maximum power output 3kW

Output Data
Typical Dose Rate 300 cGy/min, Field size 1.5 cm – 15 cm diameter

kV	HVL (mm)	mA	FSD	Measured Dose Rate cGy/min	Maximum Dose Rate cGy/min
120	4 Al	4.5	15	300	1563
140	8 Al	6.4	15	300	275

Service

Every system in the Xstrahl range is available with full clinical and engineering support, this is further enhanced with specialist training which can be given at any time during the ownership period.

The Xstrahl Service Promise:

- Whatever the facility, from the initial planning phase, our expert engineers will be able to assess and advise on all aspects of the room preparation including access routes and logistical advice.
- Efficient and complete installation is ensured by every Xstrahl engineer as they undertake regular manufacturing and systems training to maximize familiarity of every product right down to the individual components.
- Committed to maximizing system up time in busy oncology and dermatological clinics, Xstrahl offers online service engineer support and regular training courses for customers' on-site engineers.
- Xstrahl also supports Gulmay industrial systems, Pantak and Therapax units and has the capabilities to provide service for a wide range of X-ray therapy systems, irrespective of supplier.

The Company operates 24 hour customer support through its UK and US offices and international distributor network.

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Specialist clinical solutions for medical practitioners and their patients across the world

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