



Xstrahl 150

The perfect radiotherapy solution for treating superficial skin cancers





Leading the way in radiotherapy for non-melanoma skin cancers & dermatological conditions

For over 20 years Xstrahl has been shaping the development of superficial and orthovoltage therapies. Responding to a very real clinical need and drawing on the knowledge and expertise of healthcare professionals, we are committed to providing innovative radiotherapy solutions that deliver positive patient outcomes.

One in every three cancers diagnosed is skin-related*, many of which can be treated non-surgically. But using high energy modalities, such as Linear Accelerators, is neither efficient nor cost effective for a busy radiotherapy department.

Xstrahl provides an extensive range of low energy treatment options that offer an effective and complementary addition to a Linear Accelerator. With short treatment times, an Xstrahl system will make a significant difference to how your department or clinic operates, enabling more patients to access appropriate radiotherapy services in a timely manner – and ensuring highly successful results.

All Xstrahl medical systems have CE, FDA and Health Canada clearance and are manufactured within a Quality Management System certified to ISO13485

*World Health Organisation, 2014

Better for the patient

Treatment using the Xstrahl 150 provides an all-round positive experience for every patient.

Less stressful from the outset, the flexibility of the unit means that the patient can be treated in a position comfortable for them.

Accurate application ensures that healthy skin isn't affected, the treatment is pain-free, and speed of treatment means less impact on the patient's day-to-day life. And with no surgical scarring, the cosmetic results are excellent.

Concerto software, provides an intuitive workflow for treatments and creates a unique and detailed clinical record for each patient, including treatment images.



The Xstrahl 150 delivers impressive cosmetic results for superficial skin cancers

The energy range of the Xstrahl 150 means that superficial lesions can be successfully treated – from basal cell carcinoma, keloid scars and dermatological conditions such as psoriasis to other benign plaques.

- > The Xstrahl 150 can be floor or ceiling mounted, making it easy to install alongside other equipment and adaptable where space is restricted.
- > The range of movement in the treatment arm enables smooth adjustment and easy set up for each treatment field, even in difficult to access regions – and without compromising patient comfort.
- > The Xstrahl 150 is supplied with eight open-ended clinical applicators, and a further range of non-standard applicators and filters is also available on request.
- > Concerto software, Xstrahl's clinical interface, provides an intuitive workflow for treatments and creates a unique and detailed clinical record for each patient, including treatment images.
- > The physics interface, Fisica, allows for custom configuration based on individual requirements, in addition to allowing calibration and system maintenance.



Advanced software

Integrated Concerto and Fisica software provides a clinical and physics interface enabling the operator to accurately define patient demographics and treatment parameters in addition to delivering controlled clinical radiation exposures.

- > Enables the operator to have patient pictures alongside patient information.
- > Capable of running multiple languages.
- > Ability to run treatment exposures and a choice of warm ups.
- > Patient information is stored in the system under a unique ID.
- > Each operator uses their unique user name and password to log on.

The optional XBridge software package gives users the ability to communicate with 3rd party clinical information systems, enabling data import of patient demographics and export of treatment reports.

“Here at Valley View, we have been using the Xstrahl 150 model to treat a high proportion of our patients with skin cancers and keloids for over 3 years now. We love using the Xstrahl radiotherapy system to treat our patients because of its user-friendly technology and the variety of energy levels available. The system is very reliable and we have had 100% up time.”

Medical Physicist, Valley View Hospital, Glenwood Springs, USA

Specifications

FEATURE	XSTRAHL 150
kV and mA Range	kV range is 10kV to 150kV. mA range is 2mA to 30mA. mA can be programmed to achieve required output (cGy/min).
Treatment Exposures	Treatment exposures are set in Monitor Units. Integrated real time dosimetry.
Clinical Interface	Concerto software enables simple and easy clinical interfacing.
Physics Calibration Interface	Fisica software allows for configuration, calibration and maintenance.
Support System	Xstrahl 150 can be floor/wall or ceiling mounted.
Optional Planning Software	XBeam treatment planning software is available as an optional extra.
Optional 3rd Party Communication Software	XBridge 3rd party communication software is available as an optional extra.

Standard Clinical Filters

FILTER	KV	HVL (MM)
1	30	0.2 Al
2	40	0.5 Al
3	50	1.0 Al
4	80	2.0 Al
5	100	3.0 Al
6	120	4.0 Al
7	120	5.0 Al
8	140	8.0 Al
9	150	0.5 Cu

Standard Applicators

15 CM FSD OPEN APPLICATORS	25 CM FSD OPEN APPLICATORS
1.5 cm diameter	10 cm diameter
2 cm diameter	15 cm diameter
2.5 cm diameter	
3 cm diameter	
4 cm diameter	
5 cm diameter	

Additional applicators and custom field sizes including oval shaped applicators are available at the customer's request.



Ongoing support

Xstrahl prides itself on being more than a manufacturer of medical therapy systems by providing best in class customer service with every system. From initial planning and installation by our expert engineers, to technical support and a comprehensive range of maintenance and service contracts. We work with you to ensure your Xstrahl system operates effectively and efficiently, with clinical support and training, available whenever you need it.

In addition, our innovative Xtra-Learning Portal (xstrahl.com/xstra) provides access to a wealth of essential information on clinical best practice for free. This industry learning tool, created in collaboration with an expert team of oncology and radiotherapy professionals working in some of the worlds leading hospitals, is an invaluable resource for all healthcare professionals working with Xstrahl systems and beyond.

We work with you

We understand that your needs are unique, so we work with you to provide a tailored package of applicators, filters and stands that allows you to treat your clients the way you want to.

Clinical Conditions

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

- > Basal cell carcinoma
- > Squamous cell carcinoma
- > Keloid scars
- > Psoriasis
- > Dupuytren's & Ledderhose
- > Peyronie's disease
- > Cutaneous T Cell Lymphoma (Mycosis Fungoides)
- > Lentigo Maligna
- > Epicondylitis Humeri
- > Symptomatic superficial Haemangioma

For a full list of clinical conditions, visit the Xstrahl website.

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