



Xstrahl 100

Delivering fast and effective
treatment for superficial skin conditions





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 100 provides an all-round positive experience for every patient.

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

Treatment with the Xstrahl 100 is pain free, with no surgical scarring. With fast treatment times and, the impact on a patients day-to-day life is greatly reduced.

Pinpoint accuracy means healthy skin isn't affected, delivering a fast and effective treatment for superficial skin conditions.



Pinpoint accuracy makes the Xstrahl 100 the perfect choice for superficial treatments

The Xstrahl 100 is ideal for treating a wide range of superficial skin cancers, such as basal cell or squamous cell carcinomas, as well as benign dermatological conditions such as keloid scars...

- > The range of movement in the Xstrahl 100 treatment arm enables smooth adjustment and easy fixed set up for each treatment field.
- > Its flexibility makes it particularly suited for treating lesions that are difficult to access, such as the head and neck, without compromising on patient comfort.
- > The unit's small footprint enables installation in a compact space, and its mobility allows for better use of space within the treatment room.
- > A low energy range and short exposure times means the treatment room requires far less shielding compared to a comparative high energy linear accelerator.
- > 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.

"We have been using Xstrahl radiotherapy systems for 6 years and have successfully treated over 350 patients with this technology. We find the system beneficial for treating basal cell and squamous cell carcinomas, as well as a wide range of other skin lesions and conditions."

Principle Radiographer, The Christie NHS Foundation Trust, Manchester, UK

Specifications

FEATURE	XSTRAHL 100
kV and mA Range	kV range is 10kV to 100kV. mA range is 2mA to 14mA. mA can be programmed to achieve required output (cGy/min).
Treatment Exposures	Treatment exposures are set in decimal minutes.
Clinical Interface	Concerto software enables simple and easy clinical interfacing.
Physics Calibration Interface	Fisica software allows for configuration, calibration and maintenance.
Support System	The Xstrahl 100 is mobile within a treatment room. The treatment arm is counter balanced and lockable.
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	0.40 Al
2	50	1.00 Al
3	80	2.00 Al
4	95	3.00 Al
5	100	4.00 Al

Standard Applicators

15 CM FSD OPEN APPLICATORS	25 CM FSD OPEN APPLICATORS
2 cm diameter	10 cm diameter
4 cm diameter	15 cm diameter
6 cm diameter	
8 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. We are proud to provide an unsurpassed level of service, from initial planning and suite design to installation by our expert engineers.

We also work with you to ensure your Xstrahl system operates effectively and efficiently, with clinical support and training, from technical support to a comprehensive range of ongoing maintenance and service contracts, available whenever you need it. The Xstrahl team's unique in-depth understanding of the clinical environment and radiography techniques ensures an unrivalled level of clinical training to users. Our international network of factory trained and clinically experienced engineering teams support over 500 medical systems worldwide.

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.

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Clinical Conditions

The Xstrahl 100 radiotherapy system is a low energy system for treating a wide range of superficial skin conditions including:

- > Basal cell carcinoma
- > Squamous cell carcinoma
- > Bowen's Disease
- > Keloid scars
- > Psoriasis
- > Symptomatic Superficial Haemangioma
- > Cutaneous T-cell Lymphoma (Mycosis Fungoides)

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

