



Xstrahl 300

A high energy, dual purpose and trusted clinical solution delivering excellent clinical results





The only x-ray therapy systems manufactured with inbuilt dose control of delivered fractions for total patient safety.

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 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 ISO 13485

*World Health Organisation, 2014

Better for the patient

Integral to the design of the Xstrahl 300 is the patient experience and successful outcomes.

The flexibility of the unit means that comfort is not dictated by mechanical limitations – a patient's preferred position can be easily accommodated.

The unique design ensures that for superficial conditions, the treatment is pain-free, with no surgical scarring, and the fast treatment option means a large reduction in time and impact on the patient's day-to-day life.

For patients receiving palliative care, access to a non-invasive method of treatment is far less stressful and is proven to be fast and highly effective.



The high energy Xstrahl 300 enables the ultimate in superficial and orthovoltage techniques

The Xstrahl 300 is the most powerful and versatile system in the Xstrahl range.

As well as treating non-melanoma skin cancers such as squamous cell carcinoma and basal cell carcinoma along with various dermatological conditions, the higher energy range mean that many conditions such as Kaposi's sarcoma or benign conditions can be treated, such as degenerative, inflammatory and hypertrophic disorders. The Xstrahl 300 is also suitable for palliative work, such as the treatment of boney metastases and mesothelioma chest drain sites.

- > Available as a floor or ceiling mounted system, the Xstrahl 300 is easily installed alongside other equipment and is to adaptable where space is restricted.
- > Despite the ability for deeper penetration , the Xstrahl 300 is still highly maneuverable, making it easy to treat patients in a position that is safe and comfortable for them. The range of movement in the treatment arm enables smooth adjustment and easy set up for each treatment field.
- > Full dosimetry control, applicator and filter recognition are available as standard.
- > 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.

"Xstrahl radiotherapy systems help us to respond to a growing treatment demand, helping us to reduce surgical and hospitalisation costs. The team find the Xstrahl technology easy to use and helps them to deliver safe and effective radiotherapy to our patients."

MD, Photoradiotherapy Department, Dermatology Unit, Fondazione IRCCS Ca'Granda Ospedale Maggiore Policlinico, Milan, Italy

Specifications

FEATURE	XSTRAHL 300
kV and mA Range	kV range is 40kV to 300kV. 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 300 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	60	1.5 Al
2	80	2.5 Al
3	100	3.0 Al
4	120	5.0 Al
5	150	6.0 Al
6	180	0.5 Cu
7	200	1.0 Cu
8	250	2.0 Cu
9	300	3.0 Cu

Standard Applicators

30 CM FSD OPEN APPLICATORS	50 CM FSD CLOSED APPLICATORS
3 cm diameter	4 cm x 4 cm
4 cm diameter	6 cm x 6 cm
5 cm diameter	8 cm x 8 cm
10 cm diameter	10 cm x 10 cm
	15 cm x 15 cm
	20 cm x 20 cm

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

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

Superficial therapy

- > Basal cell carcinoma
- > Squamous cell carcinoma
- > Keloid scars
- > Bowen's Disease
- > Lentigo Maligna
- > Psoriasis
- > Mycosis fungoides

Benign conditions

- > Gynecomastia
- > Dupuytren's & Ledderhose
- > Peyronie's Disease
- > Plantar Fasciitis
- > Inflammatory disorders
- > Degenerative disorders
- > Hypertrophic disorders

Palliative care

- > Mesothelioma chest drain sites
- > Boney metastases/Rib pain
- > Secondary lesions