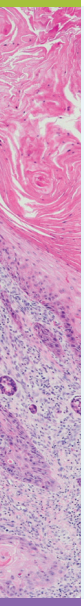


XSTRAHL 100

Delivering Fast & Effective Treatment For Superficial Skin 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.

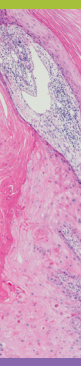
Better for the Patient

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 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.



THE XSTRAHL 100 CAN TREAT A SERIES OF 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.

Ongoing Support

Xstrahl prides itself on providing best in class customer service with every system. We are proud to provide an unsurpassed level of service, from initial planning through to after sales maintenance and both technical and applications support.

Xstrahl works with you to ensure your system operates effectively and efficiently, minimising down time and maximising performance. From user training to our extensive range of ongoing maintenance and service contracts, the Xstrahl team's comprehensive in-depth knowledge ensures an unrivalled level of technical support, is provided to all users. Our international network of factory trained and clinically experienced engineering teams support hundreds of clinical radiotherapy and research systems worldwide.

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

FEATURES

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

KV	HVL (MM)
30	0.40 AL
50	1.00 AL
80	2.00 AL
95	3.00 AL
100	4.00 AL

STANDARD APPLICATORS

15CM FSD OPEN	25CM FSD OPEN
2CM DIAMETER	10CM DIAMETER
4CM DIAMETER	15CM DIAMETER
6CM DIAMETER	
8CM DIAMETER	

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

- 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.

About Xstrahl

Xstrahl is a medical technology company that designs clinical and research systems to help eradicate cancer. For more than 20 years, Xstrahl has been shaping the development of superficial and orthovoltage therapies for cancer treatment and advancing pre-clinical research. Xstrahl systems are in operation at more than 700 treatment and research facilities worldwide.

Xstrahl.com