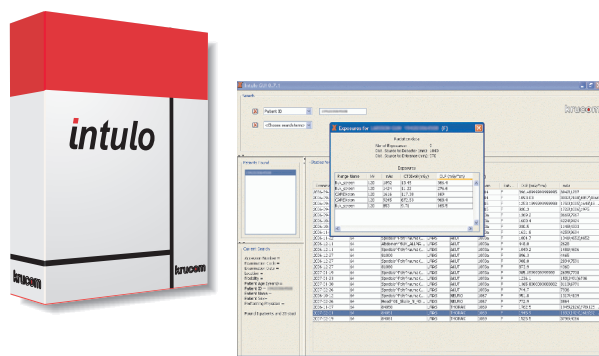


Intulo is a system to monitor and ensure that patient radiation doses are kept as low as reasonably achievable. Currently Intulo is the only system that offers a complete solution to automatically collect, store and monitor the radiation dose delivered to patients from imaging procedures.

X-rays, a Double Edged Sword

More than five million radiology studies are performed annually in Sweden. X-ray images contribute to the diagnoses of life-threatening diseases and bring about improvements in health, quality of life and lifespan. According to the Swedish Radiation Safety Authority up to three hundred people develop cancer every year caused by radiation from imaging procedures. Studies have revealed that doses vary widely between equipment and facilities. These findings suggest that doses can often be lowered to reduce the harmful effects without jeopardising diagnostic quality.



Benefits using Intulo

- Hospital staff no longer need to type or write values manually thus eliminating the risk of human error.
- The latest dose data is accessible on-demand simplifying reporting to the regulatory authorities.
- Benchmarking dose reference levels (DRL) between several healthcare facilities is simplified. This ensures that policies, procedures and protocols are adequate and being followed to achieve doses as low as reasonably achievable (ALARA).
- Intulo saves money - the total cost of the system is less than a third of the cost for the time it takes a nurse to record dose values by hand.

Success Story

- Intulo is used as a regional radiation dose register for the County of Skåne in Sweden. Over a hundred image acquisition modalities from multiple hospitals automatically send radiation dose data to Intulo using DICOM MPPS. All the data is made accessible for the entire region's radiation protection work.
- During 2008 Intulo won the prestigious Swedish Healthcare IT-award.
- Intulo has successfully completed Connectathon testing with the IHE Radiation Exposure Monitoring profile which supports DICOM Dose Structured Reports.

About Krucom

Krucom AB is a Healthcare-IT company specialised within system connectivity. From our office in Lund, Sweden we focus on the European market and cooperate with providers of diagnostic imaging equipment. With over sixteen years experience and expert knowledge of the DICOM and HL7 standards we offer solutions in the form of products, consultation services and education.

