

Radiological Clinic at the Bremen Clinical Centre Tests VIDAR Products to Expand the Larivière Room Concept

The Bremen-Mitte Clinic for Radiological Diagnostics and Nuclear Medicine decided on the Larivière DICOM projection solution for digital presentation systems many months ago. By fitting out the radiological conference and training room of the Bremen clinic, led by Prof. Dr. Burckhard Terwey, assessments and image analyses can be carried out even more efficiently. In the next stage, the clinic has now tested an expansion of the presentation room concept with an X-Ray film scanner including the ClinicalExpress software made by American company VIDAR, meaning X-ray images used for current presentations can be quickly archived into a PACS by scanning in just a few work stages.

Current situation

The radiological conference and training room of the Bremen-Mitte MR Centre is used every day for demonstrations and comparative studies of X-ray images, and for analysing illness progressions,

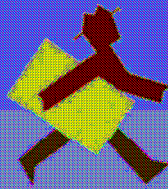


meaning diagnostic pathways are drastically reduced and synergy effects in the areas of further training, quality assurance and future development of image-producing diagnosis processes utilised for the benefit of the patients and hospital operator.

The professional Larivière DICOM projection solution "AcuScreen", based on the Canon projectors, are available in the conference room. This includes a Crestron media and room control system which allows the doctor to dedicate himself/herself completely to the presentation. This

technology controls and visualises the operating states of the entire system on the central, interactive control panel.

The digitalisation of X-ray images for current presentations, and the further handling of the generated files have now also been tested at the clinic (Prof. Terwey) using a VIDAR X-ray image scanner and the associated VIDAR ClinicalExpress[®] software. To meet such needs, VIDAR offers a full product range of high definition HD-CCD[®] film scanners, varying in price and technicality, to record X-ray, CT or MRT films with an optical film thickness of up to 4.0 OD. This also includes special scanners for mammograms.



The *ClinicalExpress* software used is a Windows-based programme for digitalising films and image transfers e.g. DICOM image files to a DICOM printer or into a PACS. The programme includes modes for general radiography and mammography and can be purchased in various models: only for general radiography, only for mammography or with both modes. *ClinicalExpress* displays the images one after another and allocates them to a patient and study. The programme contains control elements to assess images and modify features. Mammogram images digitalised using *ClinicalExpress* should only be used for reference and test purposes, not for first diagnosis. General X-ray images digitalised with *ClinicalExpress* can also be used for the first diagnosis.



About the company Larivière Gesellschaft für digitale Präsentationssysteme mbH:

The Bremen company Larivière specialises in complete equipment of conference rooms in radiological clinics, but also fits out all other types of conference rooms with professional and state-of-the-art presentation technology and high-quality room controls. It also plans the construction of new rooms and installs the technology offered. For more information, and answers to a customised solution, contact the company directly. Telephone : +49 (421) 43066-0, E-Mail: mail@lariviere.de , Internet: www.xray-digital.de .

About the company VIDAR Systems Corporation:

The American company VIDAR Systems Corporation based in North Virginia has been a leader in the area of optical imaging technologies and the world's number 1 manufacturer of X-ray film digitizers for around a quarter of a century. For more information and background reports on the digitizers and *ClinicalExpress* software, visit www.vidar.com .

**Editor: Alfred Kuczera, Steppenbergallee 195, 52074 Aachen. E-Mail: Alf.Kuczera@t-online.de .
Tel. : +49 (241) 872332 .**