
New Canon Improvements to Radiography and Eye Care

Canon Europe, world-leader in imaging solutions, has announced a range of new medical imaging technologies at Canon EXPO Paris 2010, aimed at improving the workflow and efficiency of medical diagnosis whilst also maximising patient comfort.

The new technologies announced include:

Digital Radiography

- High Sensitivity and High Frame Rate Dynamic X-Ray Imaging, the first fully integrated digital radiography system available from Canon for healthcare professionals and the first to be equipped with Canon's newly developed X-ray Flat Panel Detector, the CSX.
- Fully integrated digital radiography systems are essential imaging tools for surgeons in the operating theatre; used for a variety of orthopaedic and trauma surgery as well as vascular and non-vascular treatment.

Eye Care

- Cross media imaging, capturing high quality images of the retina to generate an exact 3D representation using two Canon's XEED WUX - 10 MII Medical projectors
- The lightweight Canon CR-2 non-mydratic digital retinal camera, which incorporates Canon EOS digital SLR technology. The CR-2 supports the early detection of glaucoma and other ocular disorders, as well as conditions such as hypertension and diabetes.

New Medical Solutions Developments

- Cross reference Information Sharing system under XDS-I, that links medical information and output equipment to establish an information -sharing platform to help healthcare professionals in different locations to make diagnostic decisions quickly.
- This system supports team medical care from a variety of locations, by combining Canon's imaging and document processing solutions.

Canon sees investment in the medical systems business as a key element of its growth strategy for the next five years and is continuing its advances by demonstrating its future medical system, a Photoacoustic Diagnosis device, which would be used for looking inside the human body by using optics technology and ultrasound technology. Canon is also aiming to provide assistance in the early detection of breast cancer and related malignancy diagnoses in its development of photoacoustic imaging technologies. This new image diagnosis device is radiation-free and non-invasive.

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