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Leading Orthopedic Researcher at McGill University Purchases XPERT 80 Digital Specimen Radiography System

Milford, CT, December 14, 2009 -- McGill University, the highly regarded international research and teaching institution in Montreal has a long-standing tradition of excellence in medical research. In 2001, McGill established the Centre for Bone and Periodontal Research to further research in the diagnosis, treatment and prevention of skeletal and oral cavity diseases. The centre represents nearly 50 clinical and fundamental scientists across Canada working in molecular genetics, dental science, biomedical engineering, endocrinology, orthopedics and other disciplines. The Centre also supports training programs in skeletal health research.

The Centre for Bone and Periodontal Research has acquired a KUBTEC XPERT 80 digital specimen radiography system to support imaging needs for further research in skeletal health. Dr. Janet Henderson, Director of Orthopedic Research, uses the XPERT 80 in intra and post-operative assessments of orthopedic surgery in rats and mice. Dr. Carli and Dr. Gao, orthopedic surgeons working with Dr. Henderson conducting graduate training in translation research, are “very satisfied” with the images provided by the XPERT 80 and consider it a vital tool in their ongoing research in mice and rats. The XPERT 80 is used to obtain images of their operative procedures, to guide them in percutaneous injections of growth factors into bone, and confirm metal implants.

The XPERT 80 from KUBTEC is the only specimen radiography system available with digital detectors from 2” x 2” to 16” x 16” for x-ray imaging of laboratory animals in vivo. Equipped with portals for circulating anesthetics through it, the XPERT also offers DICOM 3.0 compliant software with the option to save images in JPEG or TIFF format. 1.0 mA output and 16 bit contrast provides the highest contrast resolution of any system available. Further, images can be acquired in 3 to 5 seconds, providing instant feedback and minimizing any discomfort to the animals.

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ABOUT Kubtec – Kubtec is a manufacturer of compact digital x-ray inspection systems for specimen radiography, science and research, security, and non-destructive testing. Kubtec is also the only manufacturer of the world’s largest 400 mm x 400 mm digital detector based specimen radiography system.