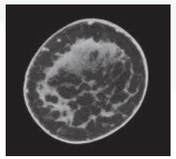
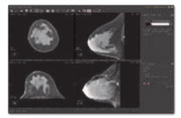
Seamless Integration

RIS/HIS Compatibility
- Scheduling
- Case feedback

Koning CT Scanner
- Easy access
- Fast acquisition



Quick Image Review



MPR and Volume Display
- Multi-planar viewers
- 3D volume rendering
- Side-by-Side hanging protocols
- Volume measurement

DICOM Printer

Archive

High Volume Storage

Fast Image Processing and Reconstruction

DICOM Compatibility
Network Integration

Approved in U.S., Canada and Australia
Approved for sale in the European Union and all countries that accept the CE mark

Koning Corporation
150 Lucius Gordon Drive #112
West Henrietta, New York 14586
Tel: 585-214-2459
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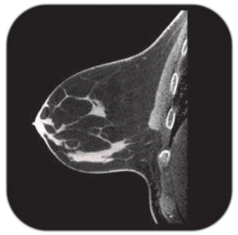
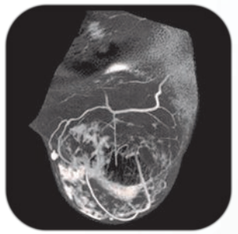
KONING

Accurate Diagnosis



True, Isotropic 3D Imaging

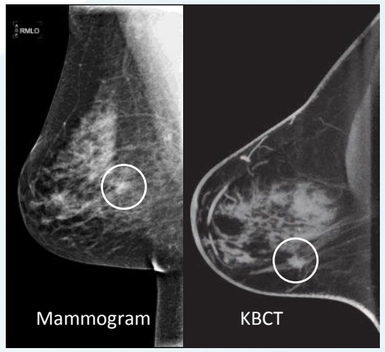


KONING BREAST CT

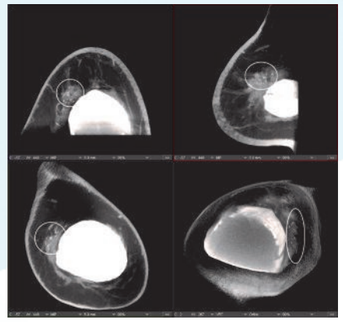
the *future* of breast imaging is here

Excellent image quality

While experts agree that Image quality is the key to accurate diagnosis of breast cancer, mammography, the current "gold standard" for breast imaging, often fails to deliver what is needed. Although it is a high-spatial resolution imaging modality, it cannot achieve contrast resolution sufficient to allow differentiation of small structures from background tissue. Koning Breast CT (KBCT) achieves excellent spatial and contrast resolution.

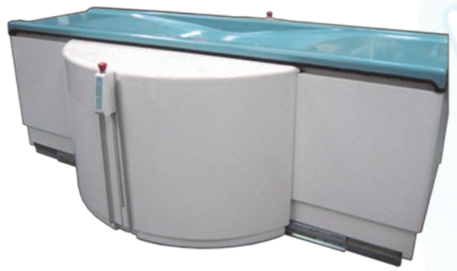


Integrated visualization tools



Hundreds of images are captured in a single 10 second rotation of the gantry and processed within seconds. Images are presented in both thin multislice multiplanar projections and true isotropic 3D format, eliminating tissue overlap and superimposition of structures common to 2D mammography. KBCT comes with a complete set of visualization tools including side by side hanging protocols for comparison to previous mammograms. KBCT is DICOM compliant for RIS/PACS connectivity and allows remote viewing from up to 3 simultaneous locations (expandable if needed).

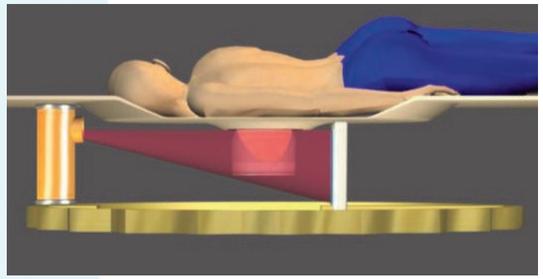
Designed specifically for breast imaging



With its unique exam table and pendulous positioning of the breast, KBCT is able to acquire a true 3D image of the entire breast. Prone positioning on the ergonomic table ensures patient comfort. The self shielded design and the dedicated operator's console eliminate the need for a separate control room. Access to the patient is available from wide interlocking safety covers on both sides, and the table can be elevated to up to 1.5 meters this makes it possible to perform other operations such as biopsy.

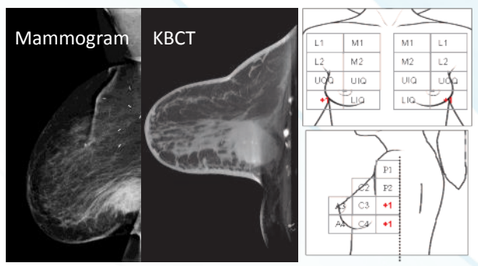
No breast compression, low radiation

Diagnostic mammography requires breast compression, which is painful to women. Breast scanning with KBCT is easier on women because it allows scanning the breast in its natural state without having to pull, flatten and compress the tissue, eliminating the pain due to compression. Radiation doses are within range of diagnostic mammography.

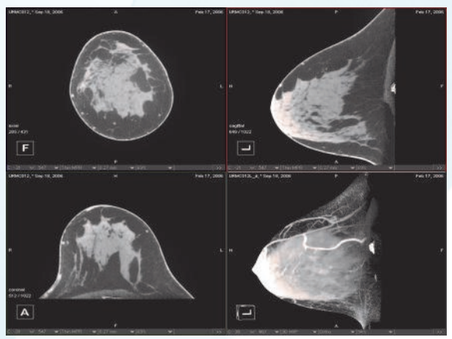


3D image of the entire breast

Unlike whole body CT scanners, KBCT is the first fully integrated, dedicated CT scanner designed specifically to image the entire breast, from the chest wall to the nipple, with high spatial and contrast resolution. Traditional mammography is a two-dimensional (2D) projection acquisition permitting structure and tissue overlap which can obscure a breast lesion. KBCT images are displayed in both 3D and thin multislice format to improve performance on structure and tissue overlap.



Diagnostic information



True isotropic 3D imaging and thin multislice formats available with KBCT that aid in collecting diagnostic information. In a study to assess coverage conducted at the University of Rochester Medical Center, KBCT was found to have better coverage than mammography in the inferior, posterior, medial, and lateral aspects and equivalent coverage in the superior aspect;.