

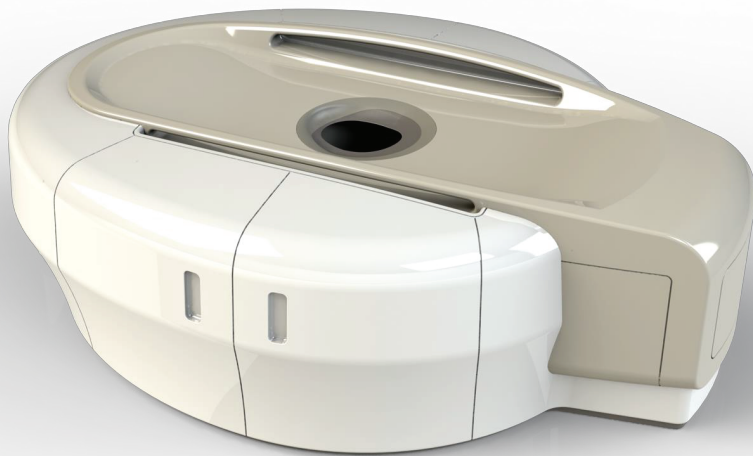
# Koning

A BETTER WAY OF BREAST IMAGING

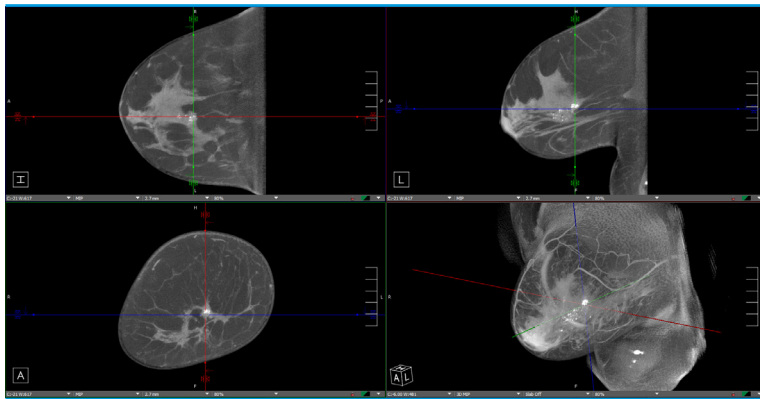


**No Compression • Low Dose • Real 3D • Isotropic**

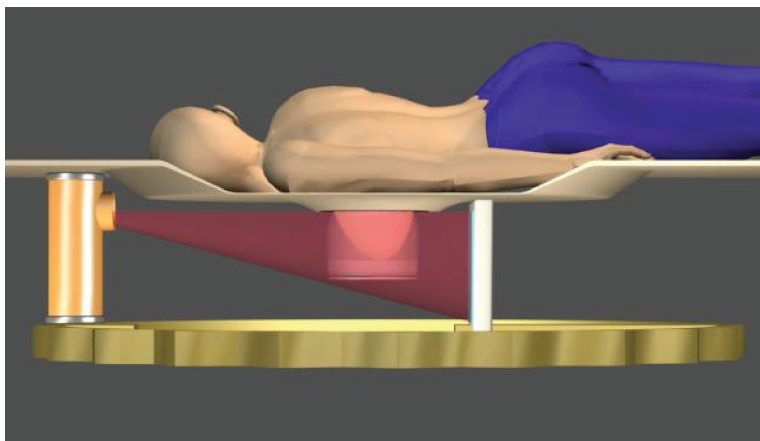
[www.koningcorporation.com](http://www.koningcorporation.com)



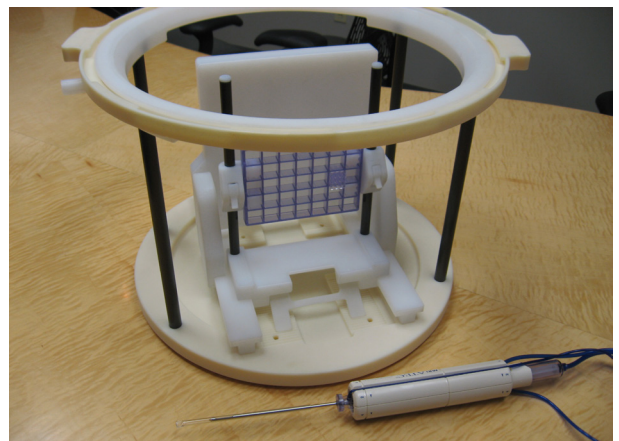
Koning's 3D KBCT diagnostic breast imaging device produces high contrast REAL 3D images without painful COMPRESSION at radiation levels similar to diagnostic mammograms in just 10 seconds



KBCT **removes** the common practice of **extrapolating image information from compressed tissue mammograms** by introducing **co-registration of isotropic breast image data in 3 planes** along with automatically providing 3D reformatted images **without deforming the breast with compression**



KBCT 360° acquisition provides excellent tissue **coverage from nipple to chest wall** regardless of breast size while **improving the patient's breast imaging experience**



KBCT biopsy attachment is a rapid mount accessory that **replaces the need for stereotactic biopsy equipment**. KBCT 3D guided biopsy procedures **reduces the dose to the patient by over 50%** when compared to stereotactic biopsy systems

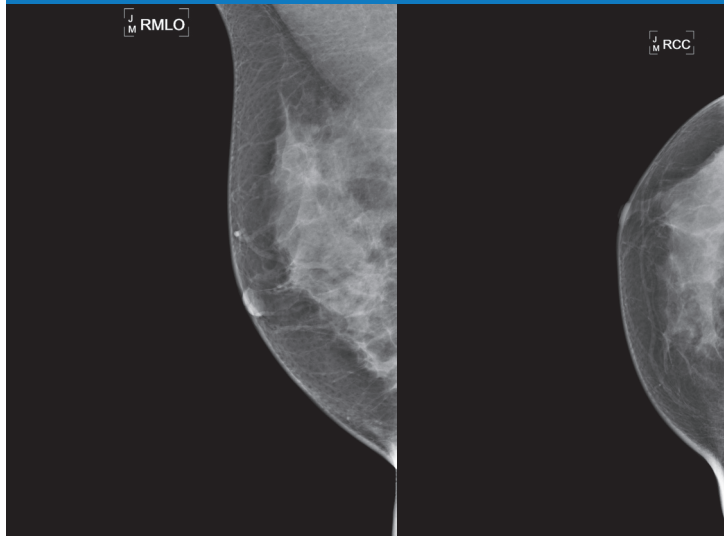
**“KBCT allows radiologists to manipulate the image, not the patient!”**

- Dr. Avice O'Connell, Director Women's Imaging,  
University of Rochester Medical Center



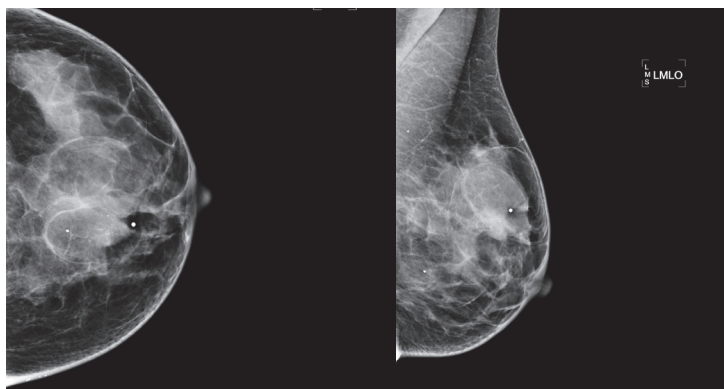
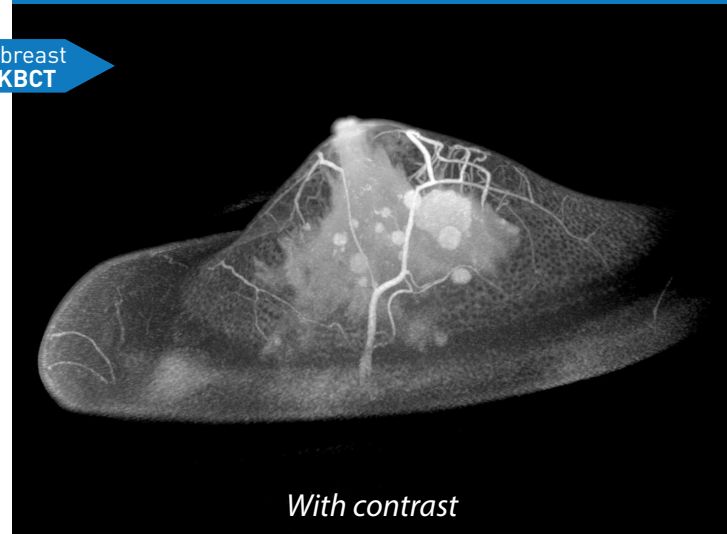
## THE DIFFERENCE IN IMAGE QUALITY AND PRESENTATION IS REMARKABLE

### Mammograms – poor results, esp. with small dense breasts

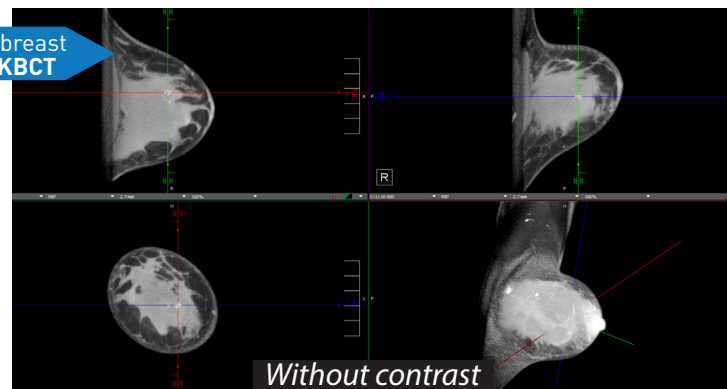


same breast  
with KBCT

### KBCT – easily captures superior images



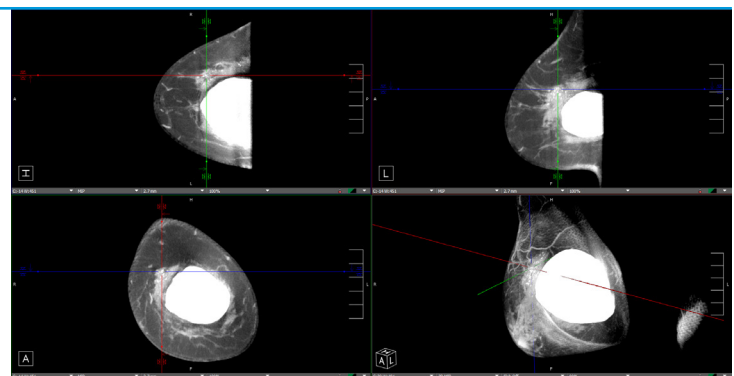
same breast  
with KBCT



### KBCT can replace:

- Diagnostic mammograms ➡ with no compression
- Stereotactic biopsy devices ➡ with >50% reduction in dose and in 15 minutes
- MRI exams ➡ with no claustrophobia, no gadolinium, and a 10 second scan

KBCT is a more **effective and efficient method of imaging the augmented breast** and **does not require double the exposure dose** as in compressional mammography



# Koning

## IMPROVING BREAST CANCER DETECTION THROUGH INNOVATIVE TECHNOLOGY



### Koning KBCT Breast Imaging Systems Partial Specifications

**Electrical:** Multiple options to fit the facility need in both single and three phase

**Table Capacity:** 200 kg (~441 lbs.)

**Patient Table Height:** Elevates to 1.5m (~5 ft.) for biopsy

**Recommended Room Size:** 3 m x 4.3 m (~10 ft. x ~14 ft.)

**Resolution:** Voxel size in Standard mode = .273mm<sup>3</sup>; High Resolution mode = .155mm<sup>3</sup>

**Product Catalogue Number:** Koning Breast CT (CBCT1000); Biopsy Bracket (BxB1000);  
Collimator (Col1000)

#### Koning Corporation

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Koning was awarded the  
**2016 Frost and Sullivan New  
Innovation Award in Breast  
Imaging**

**2016  
AWARD  
RECIPIENT**



**NO COMPRESSION • LOW DOSE • REAL 3D • ISOTROPIC  
BREAST IMAGING SYSTEM**

KBCT1000 IS APPROVED FOR COMMERCIAL USE BY THE FDA, CE-MARK, CHINA FDA, AUSTRALIA TGA, AND HEALTH CANADA