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Invenia ABUS 2.0



Dear Referring physicians:

Peace Diagnostic Imaging is pleased to announce the introduction of Digital Breast Tomosyntheses (DBT) and Automated Breast Ultrasound (ABUS) to our new Women's Imaging Center located upstairs from the current PDI location. Our new DBT unit uses technology recently approved by Health Canada and this is the first instillation of its kind in Canada! Our ABUS program will bring Grande Prairie a service which is typically only offered in larger centers.

DBT is like a CT scan of the breast. Advantages include a significant increase in cancer detection rates, decreased recall rates (additional views), increased sensitivity and specificity, and higher positive predictive value in recalled cases. Because this technology allows for production of "synthetic" 2D views, the radiation dose is minimally more than with full field digital mammography (FFDM) and this increase is well within acceptable limits. This machine also accurately measures breast density without additional radiation exposure.

ABUS is designed to enhance the consistency, reproducibility, and sensitivity of whole breast ultrasound as it is operator independent.

In dense breasts (BI-RADS Category C and D), ABUS has been found to detect additional cancers (Mammographically occult), and these are important in that the majority are invasive, node negative, and small. When Mammography and ABUS are combined as a screen in dense breasts, the cancer detection rates can be as much as 37.5% more than mammography alone. ABUS is not a substitute for Mammography – it is complementary in dense breasts.

The current recommendation is to consider ABUS for women with category C or D breasts. If you wish to offer your patients ABUS, please indicate this on the requisition.

It is our goal to provide enhanced Breast Screening technology to Grande Prairie and the surrounding communities.

Dr. Kyn Jim

Managing Partner
Peace Diagnostic Imaging