

PRESS RELEASE

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New study compares spiral breast CT with MRI in breast cancer diagnostics

AB-CT and three medical centers evaluate novel breast imaging technology in multinational study

The medical technology company AB-CT - Advanced Breast-CT GmbH from Erlangen is revolutionizing the diagnosis of breast cancer with its innovative spiral breast CT nu:view. In close cooperation with the University Hospital Erlangen, the Leiden University Medical Center and the Martini Hospital in Groningen, the company is now conducting the study "Comparison of low-dose spiral breast CT with MRI in the most important indications of MRI for breast diagnostics". The prospective, non-randomized, intra-individual, multicenter, multinational cohort study with 428 patients is led by Dr. Sabine Ohlmeyer (University Medical Center Erlangen), Dr. Martin Wasser (Leiden UMC) and Dr. Arnoud Meijer (MZH Groningen).

"The objective of the study is to compare contrast-enhanced breast CT with contrast-enhanced MRI in terms of BI-RADS classification at lesion level. In addition, patient questionnaires will be used to collect data on comfort, patient acceptance, duration, claustrophobia and noise exposure of the two modalities," says Dr. Daniel Kolditz, CTO at AB-CT, giving details of the comparative study.

This was approved last year by the responsible ethics committees in Germany and the Netherlands. The initiation visits have now taken place at all three clinical centers and the first patient was examined on November 24, 2023 at the University Hospital Erlangen. The study is expected to last nine months and the results, analysis and report are expected this fall. "We hope that this groundbreaking research will further improve the understanding and application of our innovative spiral breast CT nu:view in breast diagnostics and potentially expand diagnostic options for patients worldwide," says Dr. Daniel Kolditz.

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ABOUT AB-CT - ADVANCED BREAST-CT GMBH AB-CT - Advanced Breast-CT GmbH is a technologically leading medical technology company in diagnostic breast imaging based in Erlangen, Germany. The dedicated breast CT system nu:view developed by AB-CT combines image quality, dose efficiency and patient comfort in a revolutionary way and convinces among other things with true 3D imaging (360°), a very high isotropic resolution and excellent soft tissue differentiation without compression of the mamma. AB-CT aims to deliver real added value in the context of high-quality patient care and to effectively support radiologists worldwide in diagnosing breast cancer as early and as confidently as possible.

Further information at www.ab-ct.com

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