

Fujifilm, NM Medical launches 3D mammography machine

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Fujifilm India and NM Medical has announced tie up for the installation of Fujifilm's state of the art Amulet Innovality - a highly advanced breast cancer diagnostic machine for early detection of breast cancer in women.

The Amulet Innovality provides 50 Micron 3D image quality and advanced tomosynthesis technology that reveals the internal structure of the breast with a precision that enables the detection of those lesions that ordinarily get overlooked in a routine mammography.

The installation of the Amulet Innovality at NM Medical Center will give the women access to early detection of Breast Cancer. The Amulet Innovality uses advanced tomosynthesis technology to enable the conversion of digital breast images into a 3-D reconstruction of the breast, in contrast to the flat images produced by traditional 2-D digital mammography.

Reconstructed tomographic images reveal the internal structure of the breast, simplifying the detection of lesions that may be overlooked in a routine mammography. Amulet Innovality enables diagnosticians to obtain a clearer view of the breast tissue, facilitating identification of early stage breast cancer and reducing the need for additional tests and biopsies.

Commenting on the occasion Mr Yasunobu Nishiyama, managing director, Fujifilm India said, "It is a known fact that late diagnosis results in slimming the chances of survival. It is therefore vital for healthcare providers to step up and provide women the best early detection screening facilities that can help save lives. At Fujifilm, we are continuously innovating, creating new technologies, product and services and the Amulet Innovality is one such product that has made early detection of breast cancer a reality for women all over the world."

"The installation of the Amulet Innovality at NM Medical is another step for us in line with our commitment to raise awareness

and promote early detection and treatment of breast cancer in India. We are grateful to our partner, NM Medical for joining hands with us in this endeavor," said Mr Chander Shekhar Sibal, executive vice president and head of Medical Division at Fujifilm India.

"We have always endeavored to provide the very best of technology across our centres and 3D Digital Mammography is another step in that direction. It is expected to be a game changer for early detection of breast cancer in Mumbai," said Dr Nilesh Shah, chairman and managing director, NM Medical.

Several features of Amulet Innovality offer women a safe and personalised screening experience, making it easier for them to come for breast examinations. This unique system caters to the unique biological makeup of every woman: The Intelligent Automatic Exposure Control (i-AEC) defines the optimum X ray dosage for each breast type, compared to conventional AEC where the sensor position is fixed. A direct conversion flat panel detector with a 50 micron pixel resolution, and other advanced technological features also give this system a distinct edge over others. 50 micron resolution is best resolution and it helps detects cancer at a very early stage.