
United Imaging Expanding into the New Mammography Facility in Myszków



We are pleased to announce that yet another comprehensive healthcare facility has chosen to expand its diagnostic capabilities by incorporating United Imaging's cutting-edge imaging technology. The Myszków Independent Public Healthcare Unit has just become the latest addition to United Imaging's esteemed global family.

Located in the picturesque countryside of southern Poland, the Myszków Independent Public Healthcare Unit is a state-of-the-art treatment centre. Since its establishment in 1972, when it was formed as a result of the merger of pre-existing healthcare facilities, it has become a vital pillar of its community's wellbeing. In 1998, it underwent a major transformation and its status was raised to that of an independent public health institution.

Today, the Myszków Independent Public Healthcare Unit serves as the main hospital in the Myszków district, providing a wide range of healthcare services including both inpatient and specialist outpatient care. Its commitment to excellence in diagnostics and medical procedures ensures that patients receive the highest level of care in all departments. Due to the exceptional level of care, patients from all Poland and abroad choose the Myszków Independent Public Healthcare Unit as their hospital of choice.

In its efforts to provide the highest level of medical care, the Myszków Independent Public Healthcare Unit relies on the best medical equipment available on the market. This is why the hospital has decided to invest in the uMammo 590i, a state-of-the-art digital mammography system.

The [uMammo 590i](#) is a prime example of [United Imaging's](#) commitment to developing powerful imaging technology that will revolutionise patients' lives. To achieve this ambitious goal, the uMammo 590i incorporates a number of unique engineering solutions that work in perfect harmony to make it a superior diagnostic machine. The result is high-resolution, low-dose imaging with the potential to significantly increase early breast cancer detection rates. The version of the uMammo 590i installed at the Myszków Independent Public Healthcare Unit features a magnification table that has been carefully designed to deliver unparalleled clarity and precision in mammographic imaging. An intuitive sliding mechanism makes installation seamless and efficient. With a simple slide, healthcare providers can effortlessly expand their imaging capabilities, maximising diagnostic accuracy and patient care.

Another valuable feature is the high performance special tungsten target X-ray tube, which provides high resolution imaging for both dense and fatty breasts. Finally, its special mammography collimator intelligently detects breast density and thickness and then automatically selects the appropriate filter combination.

The [uMammo 590i](#) features reduced radiation exposure during the examination without compromising on superior image quality. This is due to its low dose detector, which is a large area amorphous silicon (a-Si) flat panel detector with an optimised active matrix array, which provides high spatial resolution and high image acquisition speed at a lower dose.

The uMammo 590i has been carefully designed to meet the needs of large treatment facilities, including innovative design solutions such as multi-functional positioning panels that allow both rotational and vertical movement. With features such as one-key axisymmetric positioning and one-key next protocol positioning seamlessly integrated, the uMammo 590i facilitates fast and efficient mammography examinations. Similarly, the intuitive positioning schemes and intelligent positioning prompts simplify the positioning experience. As a result, the uMammo 590i greatly simplifies the diagnostic workflow, allowing more patients to be screened in less time.

As with all United Imaging devices, the uMammo 590i is designed to ensure a comfortable and smooth patient experience. The compression system intelligently adapts the compression force and distance to different breast thicknesses and densities, providing high image quality while ensuring patient comfort.

We are confident that the uMammo 590i will serve countless patients at the Myszków Independent Public Healthcare Unit by facilitating the early detection of breast cancer. By supporting early detection, the uMammo 590i has the potential to contribute to improved treatment options, reduced morbidity and mortality, and improved overall quality of life for patients.

Source & Image Credit: [United Imaging](#)

Published on : Fri, 15 Mar 2024