

Pisz Hospital Installed the Powerful uDR 780i Pro System



[United Imaging](#) is pleased to announce that Pisz Hospital has recently chosen to upgrade its extensive imaging facilities by installing the powerful [uDR 780i Pro](#) system.

Founded in 1908, the hospital has a rich history of serving the medical needs of the local community. Located in the heart of the Masurian Lake District, this comprehensive treatment facility is set in a charming and picturesque town whose scenic surroundings contribute to the healing environment, creating a tranquil setting for patients and healthcare professionals alike. A multi-speciality facility with 180 beds across 10 modernised wards, the hospital offers a wide range of healthcare services, including inpatient, outpatient, and preventative medical services. In addition, a large department is responsible for providing emergency and pre-hospital care to the residents of Pisz County as well as to the large number of tourists who visit the Masurian Lake District every year.

The Pisz Hospital is widely known for its focus on advanced surgical techniques, performing up to 150 operations a year in the field of endoprosthesis reconstruction of knees and hips. Over the years, the hospital has consistently secured a top position in national rankings, underlining the unwavering commitment and passion of its medical staff, and confirming the high standard of services provided.

The recent installation of the uDR 780i Pro, a powerful ceiling-mounted X-ray system, will certainly support Pisz Hospital's mission to provide top-tier medical services. The uDR 780i Pro delivers exceptional image quality at low radiation doses. In this system, [United Imaging](#) has incorporated two 43x43 cm caesium iodide (CsI) based detectors that offer high Detective Quantum Efficiency (DQE) and spatial resolution, enabling high quality X-ray images while reducing overall radiation exposure.

The idea behind the uDR 780i Pro was to create an easy-to-use, fully automated system that is ergonomically designed to optimise the user experience, accommodate a diverse patient population, and effectively support the needs of high-volume digital radiography centres. To achieve this goal, United Imaging employed several unique design solutions. The uDR 780i Pro's height-adjustable floating table allows it to accommodate all patients, from paediatric to elderly, immobile trauma, and bariatric patients up to 250 kg. The movement of the X-ray tube is automatically synchronised with the detector, which significantly reduces positioning time, while built-in safety features ensure the safety of both the operator and the patient. An elegant user interface at the tube head displays key patient information and system status, allowing easy adjustment of APR parameters and enabling a streamlined examination experience. The user experience is further enhanced by features such as in-bucky charging and wireless handling.

The [uDR 780i Pro](#) is not only a compact system that is easy to move and position, and provides a great user experience during every examination; it is also a comprehensive diagnostic tool designed for a wide range of clinical applications. Advanced Smart Stitching technology provides high quality panoramic imaging in both upright and supine positions. This innovative technology seamlessly stitches together multiple image projections into a single comprehensive image, significantly improving the efficiency of orthopaedic imaging workflows and potentially increasing diagnostic confidence. Additionally, features such as integrated Cobb angle and femoral neck-shaft angle measurement provide accurate guidance for pre-operative and post-operative assessment.

The uDR 780i Pro is fully integrated with uVision: an innovative feature that revolutionises the way radiographers work, prioritising patient safety and streamlining procedures. By providing real-time insight into patient positioning and imaging areas, uVision considerably minimises risk and maximises accuracy during examinations. In addition, this groundbreaking tool considerably reduces the radiographer's workload. By simplifying monitoring and enabling manual adjustments, uVision increases efficiency and accuracy, ultimately contributing to a smoother workflow and better patient outcomes.

It is worth noting that as part of United Imaging All In Configurations™, the uDR 780i Pro is fully configured with all available software features and applications.

United Imaging is confident that the patients and medical staff at Pisz Hospital will quickly recognise how the unique features of the uDR 780i Pro significantly enhance the overall diagnostic process.

Source: [United Imaging](#)

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