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STRATEGY - IMPLEMENTATION - STANDARDS - AI - CYBERSECURITY

Cutting-Edge Technology: Cobellis Clinic and the World's First Ultra-Wide-Bore 3T MRI

Cobellis Clinic has partnered with United Imaging Healthcare to install the world's first ultra-wide-bore 3T MRI, the uMR Omega™. This cutting-edge technology, powered by advanced AI, enhances diagnostic accuracy, speeds up MRI exams, and significantly improves patient comfort. The collaboration promises to elevate healthcare standards and improve treatment outcomes for patients in the southern region of Campania, Italy.

uMR Omega™ installed in Cobellis Clinic, Campania, Italy

We are delighted to extend a warm welcome to Cobellis Clinic, the latest state-of-the-art treatment centre to join the global family of United Imaging. With an unwavering commitment to providing the highest level of healthcare services, the clinic has made a strategic decision to rely on our state-of-the-art imaging technology. We are excited to partner with Cobellis Clinic on this journey towards advanced healthcare excellence.

Located in the picturesque heart of the Cilento and Vallo di Diano National Park, Cobellis Clinic provides comprehensive medical services to the vast southern region of Campania. Situated in the village of Badia di Vallo della Lucania, the clinic covers an area of approximately 30,000 square metres and is surrounded by extensive parkland, providing a tranquil setting for patients and visitors alike. This well-established treatment centre has 110 beds across various specialist departments, including Surgery, Gynaecology, Urology,

Orthopaedics, Ophthalmology, General Medicine, and Nephrology. Its highly experienced specialists in various fields of medicine provide first-class medical services. Recent extensions to the main building have introduced new pavilions with three state-of-the-art operating theatres.

With a strong focus on providing world-class diagnostic care, Cobellis Clinic decided to enhance its radiology department by introducing the state-of-the-art uMR Omega™, the world's first ultra-wide bore 3T MRI. From facilitating the diagnostic process by delivering unparalleled image quality to enabling intraoperative use and precision radiotherapy planning, the uMR Omega™ enables healthcare professionals to optimise treatment strategies and ultimately improve clinical outcomes.

Powered by the groundbreaking uAIFI technology platform, the uMR Omega™ redefines medical imaging with superior imaging capabilities and an exceptional user experience. Recognising the unmatched potential of the evolving field of artificial intelligence, the uMR Omega™ features ACS (AI-assisted Compressed Sensing), United Imaging's exclusive MR acceleration solution, to provide the best balance between speed and image quality. This revolutionary feature allows users to either improve image quality without increasing acquisition time or reduce acquisition time without compromising image quality. The result is outstanding – the uMR Omega™ can scan any part of the body in less than 100 seconds, reducing MR examination time by up to 70% and significantly increasing patient throughput. Importantly, its CT-like scanning speed is of significant benefit to the elderly, paediatric and other special patient populations who may find lengthy MRI examinations challenging.

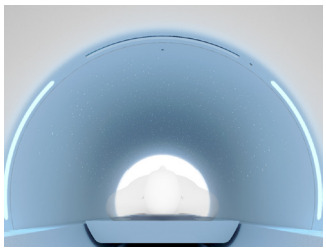
The uMR Omega™ offers a new level of diagnostic accuracy. Thanks to the development of higher-density coils, our system provides hyper-resolution MR imaging of the musculoskeletal system or ultra-short echo time (UTE) MR imaging of lung metastases from liver cancer. In addition, using the revolutionary ACS 3D technology, the uMR Omega™ offers a new standard in high-resolution 3D MRI, delivering unmatched sharpness and accuracy.

The design of the system fully reflects United Imaging's commitment to ensuring exceptional patient comfort. With an ultra-wide 75cm bore, patients benefit from an extra 25% of space, enhanced by a unique starlight ambience, which not only improves overall comfort but also reduces the potential risk of panic attacks in claustrophobic patients. With meticulous attention to detail, United Imaging has created the next generation of ultra-flexible soft RF coils to provide patients with a blanket-like sensation. The groundbreaking uAIFI EasySense is the industry's first dual-source phased-array millimetre-wave radar solution for contactless sensing of patient respiratory movement. Finally, uAIFI QScan is a highly innovative feature that enables quiet scanning without compromising overall diagnostic accuracy.

The seamless integration of all these innovative features makes the uMR Omega™ an exceptionally versatile and powerful tool, capable of meeting diverse clinical needs while setting a new standard in patient comfort.

We would like to thank FORA S.p.A., a renowned provider of outsourced diagnostic and therapeutic services to hospitals, for facilitating the partnership between United Imaging and Cobellis Clinic. This collaboration promises to increase access to advanced imaging modalities at Cobellis Clinic, thereby improving diagnostic processes and ultimately leading to better treatment outcomes.

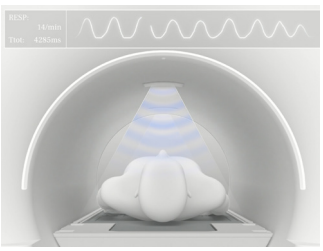
For more information about the uMR Omega™, please visit United Imaging Healthcare.



uAIFI Ultrawide

uAIFI SuperFlex Coil

uAIFI QScan



uAIFI EasySense