



Prof. Jelle Barentsz

The Netherlands

Professor Jelle Barentsz is an extraordinary radiologist with a profound desire to improve patient outcomes by utilizing novel imaging techniques to detect and assess cancer, understand its aggressiveness, and determine its extent of spread. His commitment to personalized treatment options has led to better chances of cure and reduced side effects for countless patients.

One of Professor Barentsz's remarkable achievements is the standardization of prostate MRI through the creation of PI-RADS, a globally recognized system. His collaborative efforts have resulted in the widespread implementation of MRI in medical guidelines, leading to a significant 50% reduction in unnecessary biopsies.

He also succeeded to "rescue nano-particle (USPIO) MRI. When Industry gave up, he continued. European approval of Ferrotran is anticipated in 2025.

Noteworthy awards adorn his illustrious career, including the prestigious "Knight in the Order of the Dutch Lion" Royal Decoration and the EAU 2020 Innovator in Urology Award. His contributions to the medical community have earned him honorary memberships in the Japanese Radiological Society and the Polish Medical Radiological Society, among others. His outstanding research has also been recognized with several esteemed awards, such as the Dutch Radiology Wertheim Salomonson Medal, the SAR Lifetime Achievement Award, and the Queen Wilhelmina Research Award. Additionally, he holds the distinction of being a member of Academia Europaea, a highly respected organization that honours his outstanding contributions to the field of medicine and research.

With an extensive track record of over 350 peer-reviewed papers and an h-factor of 101 on Google Scholar, Professor Barentsz is a renowned expert in the field. He is an Emeritus Professor of Radiology at Radboudumc, and currently setting up an International Prostate Precision Imaging Center at Andros Clinics (NL) where he focuses on ensuring quality control in prostate MRI for patient care, educating others and performing research (screening, nano-particle MRI, bio-battery).

Patients appreciate Professor Barentsz's empathetic nature and his unwavering commitment to placing their well-being at the forefront. This compassion is likely influenced by his own experience as a patient, having faced spinal nerve damage with temporary partial spinal cord paralysis due to surgical complications in 2006.

Driven by devotion and passion, Professor Barentsz is known for his persistence in pursuing his goals. Patients from all corners of the globe seek his expertise, a testament to his impact on the global medical community.

As the Imaging Editor of European Urology, a journal with an impressive impact factor of over 21, Professor Barentsz plays a pivotal role in disseminating high-quality prostate MRI research.

He has a vision for the future that includes global prostate cancer early detection using PSA + MRI, the worldwide acceptance and use of nanoMRI, and the establishment of a global prostate-MRI cloud network embracing Artificial Intelligence.

Professor Jelle Barentsz's dedication, accomplishments, and dreams have left an indelible mark on the field of radiology and oncology, offering hope and better prospects for patients worldwide.