

Dr Georg Bach

President of the DGZI



Defining the future of implantology

Dear colleagues!

As we embark on another exciting year in the field of oral implantology, we are thrilled to present this latest issue of *implants—international magazine of oral implantology*. This edition reflects the dynamic evolution of our specialty, showcasing groundbreaking research, clinical advancements, and the continued pursuit of excellence that defines modern implantology.

One of the most promising developments in dental imaging is the introduction of dental-dedicated MRI (ddMRI). This revolutionary technology eliminates ionising radiation while providing unprecedented insights into soft-tissue diagnostics. As detailed in this issue, the implications for pre-implant assessment, oral surgery, and comprehensive treatment planning are vast. With ongoing research at esteemed institutions, ddMRI is poised to redefine diagnostic standards in implantology.

Beyond imaging, regenerative techniques continue to shape our field. The use of periosteum as a regenerative tool in alveolar bone augmentation exemplifies how innovation is improving clinical outcomes. This novel technique, detailed in our case report, highlights the potential of biological scaffolds in enhancing bone regeneration and optimising implant success.

The connection between periodontitis and systemic health is another critical topic we explore. The growing body of evidence linking periodontal disease to conditions such as cardiovascular disease, diabetes, and even neurodegenerative disorders underscores the importance of comprehensive oral health care. Understanding these connections allows us to adopt a more holistic approach

to implant therapy, ensuring not only successful osseointegration but also overall patient well-being.

The global implantology community thrives on collaboration and knowledge exchange, and 2025 is set to be a landmark year for scientific gatherings. Events such as EuroPerio11 and the 3rd European Congress for Ceramic Implant Dentistry offer unparalleled opportunities for learning, networking, and sharing best practices. Additionally, the International Dental Show (IDS) 2025 will once again serve as a hub for industry advancements, bringing together professionals from around the world to explore the latest innovations.

At the core of our profession is the commitment to patient-centered care, evidence-based practice, and continuous learning. Through this magazine, we aim to provide you with valuable insights, clinical pearls, and the latest research to support your daily practice and inspire your professional growth.

Enjoy reading this issue and let us continue shaping the future of implantology together!

Sincerely,

Dr Georg Bach
President of the German Association
of Dental Implantology

