

Dr Georg Bach

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Insights and innovations in oral implantology



Dear colleagues!

In this last issue in 2024, we delve into groundbreaking research and innovative practices that are pushing the boundaries of dental implantology. The spotlight on critical topics such as the impact of periodontitis on systemic health, implant stability with torque factor adjustments, and full-arch rehabilitation in edentulous patients illustrates the magazine's commitment to connecting emerging science with clinical applicability.

One of the key discussions in this issue is the comparative analysis of immediate versus delayed loading protocols in the fully edentulous mandible. Research by Drs Harichane, Chiri, and Droz Bartholet offers insight into the delicate balance between patient satisfaction, tissue health, and implant longevity, proposing a cautious approach to immediate loading to mitigate failure risks while recognising the value in specific clinical scenarios.

Readers will find detailed case studies illustrating full-arch rehabilitations and immediate provisional restorations, emphasising clinical techniques that enhance both aesthetic outcomes and patient satisfaction. The case studies by Drs Lopes, Santos, and Guedes underscore the utility of zygomatic implants in addressing severe bone atrophy, pushing the All-on-4 protocol further with an eye on patient comfort and predictability.

In this issue's industry section, we explore how digital workflows and interdisciplinary collaborations are revolutionising implant procedures, from diagnosis through to final restoration. Advances such as dynamic navigation

systems and real-time photogrammetry are accelerating the accuracy and efficiency of implant placements, transforming patient outcomes.

Each article in this issue reflects our shared commitment to pushing the boundaries of what's possible in implantology. Together, through continued learning and innovation, we can shape a future where treatments are ever more precise, resilient, and life-changing for our patients. May these insights inspire you to explore new horizons in your practice and to contribute to the collective advancement of our field.

Enjoy reading the magazine!

Sincerely,

Dr Georg Bach

President of the German Association of Dental Implantology

