

Dr Georg Bach
President
of the DGZI

The new elegance of precision in modern dentistry

Dear colleagues,

There are moments in the life of a profession when progress is no longer defined by speed, novelty or scale, but by a subtler form of maturity. This issue speaks from precisely such a moment.

Across these pages, dentistry appears not as a fixed body of techniques, but as a field in transformation—becoming more integrative, more discerning and, in many ways, more human. What emerges is a portrait of a discipline learning to look beyond the surface: beyond the isolated tooth, beyond the single procedure, beyond the seduction of technology for its own sake.

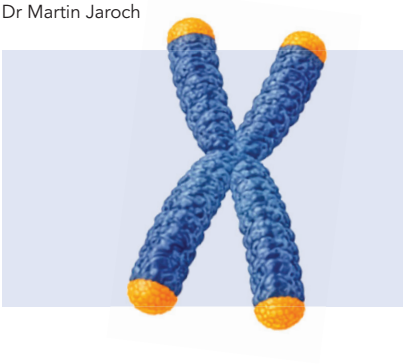
The themes gathered here are remarkably varied, yet they converge with unusual coherence. At one end, we encounter the invisible forces of biological ageing, where telomeres, inflammation and the oral microbiome reveal that oral health is inseparable from the deeper rhythms of the body. At the other, we see the precision of digital workflows, AI-assisted acquisition and biomimetic design reshaping how clinicians plan, restore and preserve. Between them lies the true contemporary terrain of dentistry: a space where biology, engineering, aesthetics and judgement meet.

What is most striking is that the most compelling innovations are not the loudest ones. They do not merely promise more; they promise better alignment—with tissue, with time, with

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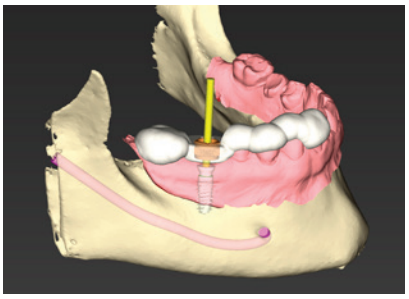
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anatomy, with patient expectations, and with the realities of clinical practice. This is a quiet but significant shift. Dentistry is moving away from a model of intervention alone toward one of interpretation: reading the patient more completely, and responding with greater precision and restraint.

That shift requires a certain discipline of thought. It asks clinicians not only to master new tools, but to understand their meaning. A digital workflow is valuable not because it is digital, but because it may allow care to become more accurate, more elegant, less invasive. A regenerative material matters not because it is advanced, but because it serves healing with respect for biological limits. Artificial intelligence earns its place not when it dazzles, but when it simplifies complexity without diminishing clinical judgement.

Running through this issue is a confidence tempered by humility. The finest dentistry today does not seek to overpower biology; it seeks to work in concert with it. It recognises that predictability is not produced by force, but by understanding. It knows that aesthetics cannot be separated from function, that efficiency must remain accountable to evidence, and that innovation without discernment is simply noise in a more sophisticated form.

This broader sensibility is perhaps the true mark of progress. As patient demands grow more nuanced and clinical possibilities more expansive, the challenge is no longer whether dentistry can do more. It is whether it can do what matters, with clarity and coherence.

The answer, suggested throughout this issue, is encouraging. The future belongs neither to technology alone nor to tradition alone, but to the thoughtful convergence of both. It belongs to clinicians and researchers capable of connecting disciplines without reducing their complexity, and of embracing advancement without surrendering judgement.

If there is an enduring lesson here, it is that excellence in dentistry is no longer defined by isolated achievement. It is defined by harmony: between science and skill, innovation and evidence, ambition and restraint. In that balance lies not only the future of the profession, but its enduring elegance.

Sincerely,
Dr Georg Bach
President of the German Association
of Dental Implantology—DGZI



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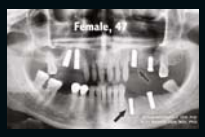


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