

Redefining Implant Dentistry: A New Era of Simpler, Faster, and Safer Treatments

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Dental implantology has undergone remarkable innovation over the past few decades. As we continue to push beyond the limitations of traditional methods, we now stand at the forefront of what can be considered the fourth revolution in implant dentistry. Our mission is clear: to deliver faster and safer treatments, patient-centered solutions, and precision through advanced digital technologies.

By consistently introducing innovative products tailored to various clinical needs, we have maximized both initial stability and long-term success. In particular, our newly developed solutions for the treatment of atrophic thin ridges represent a paradigm shift—offering clinicians easier, faster, and more predictable alternatives to conventional surgical approaches.

Moreover, through the integration of artificial intelligence and digital workflows, we are pioneering highly predictable treatment strategies that minimize the number of patient visits. Our solutions—ranging from Accelerated Loading and the Zero Bone Loss Concept to full-mouth reconstruction systems—go beyond traditional protocols, establishing a more efficient and outcome-driven clinical environment.

With biomechanically optimized implant designs that aim to reduce bone loss and deliver more natural and safe results, this presentation will introduce our vision and direction for the future. Grounded in the latest research and technology, I will share innovative clinical solutions that enable clinicians to achieve better outcomes with greater confidence.

As a leader in the future of implant dentistry, we remain committed to redefining treatment paradigms that benefit both patients and clinicians alike.

Learning Objectives

- * A dentist entrepreneur gives a lecture on the history and past of dental implants in South Korea and explains how to prepare for the future with innovative products.
- * Identify how advanced digital technologies, including AI and digital workflows, enhance precision, efficiency, and predictability in implant treatments.
- * Explain the role of biomechanically optimized implant designs in reducing bone loss and improving long-term success rates

Profile

- * DDS, MSc, Ph.D. Kyungpook National University, Dental School, Daegu, Korea
- * Visiting Fellow, UCLA School of Dentistry, Periodontics, USA
- * Adjunct Professor, Kyungpook National University Dental School, Korea
- * Visiting Faculty, Harvard School of Dental Medicine
- * Present, Founding Director, MIR Dental Hospital, Daegu, South Korea
- * Present, CEO, MegaGen Implant Co., South Korea