

The Next in Implant – Through Controversy

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Moving Beyond the Debate in Implant Dentistry Dental implants have been widely used and have demonstrated relatively stable longterm outcomes. However, as the duration of use increases, various complications have begun to surface. Consequently, the need for proactive and preventive measures has become more critical than ever.

Now is the time to reassess the conventional procedures that have been routinely applied and to consider the adoption of simpler, more practical approaches. At the core of this shift lies the concept of minimalism—a philosophy aimed at simplifying surgical techniques to reduce complications and ensure long-term success.

In this presentation, we aim to introduce and redefine this new direction in implantology, emphasizing streamlined protocols that prioritize patient safety, efficiency, and long-term predictability.

1. Short and Narrow Implants

1.1 Minimizing Damage to Existing Tissues Short and narrow implants allow for reduced trauma to surrounding tissues and make it easier to preserve anatomical structures, even in the event of failure

1.2 Simplification of Adjunctive Procedures By minimizing the need for additional surgical steps, these implants help reduce complications and patient discomfort.

1.3 Streamlining Sinus Elevation and GBR Techniques Simplified protocols have made procedures like sinus elevation and guided bone regeneration (GBR) more accessible and less technique-sensitive, addressing previous clinical challenges.

2. Simplification of Prosthetic Procedures

2.1 Transition from Analog to Digital

Traditional analog methods involved complex steps and posed many challenges. However, with the advent of digital technology, treatment has become more efficient and accurate. Furthermore, by minimizing the need for multiple devices and using simplified software solutions, digital prosthetics can now be integrated seamlessly into daily clinical workflows.

2.2 Integration of Treatment Planning, Surgery, and Prosthetics

The overall treatment process—from planning to surgery and prosthetic restoration—has become significantly more streamlined. What was once complex and time-consuming is now more accessible, predictable, and stable, allowing clinicians to approach treatment with greater ease and confidence.

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.
- * Understand the principles of minimalism in implant dentistry and how simplified surgical techniques, such as the use of short and narrow implants, contribute to reduced complications and long-term clinical success.
- * Recognize the benefits of digital integration in prosthetic procedures, including improved

efficiency, accuracy, and the seamless coordination of treatment planning, surgery, and restoration.

Profile

- * Periodontist, Ph.D, Kyung Hee Univ., Korea in 1995
- * DDS, Collage of Dentistry, Kyung Hee Univ., Korea in 1986
- * Faculty, Implant center, Loma Linda Univ., USA
- * Present, Developer, Dentium Implant and related materials
- * Present, Director, Dentium Dental Clinic
- * Present, President, Genoss