

The Periodontist's Story of Overcoming Difficulties Through Setting Up a Digital Dental Clinic

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The Fourth Industrial Revolution, characterized by hyperconnectivity, superintelligence, and convergence, is transforming our analog lives into digital ones through advanced information and communication technologies such as artificial intelligence, the Internet of Things, and big data. In line with these changes, the dental field, which has been at the forefront of cutting-edge technology development, has been consistently attempting to replace traditional analog clinical methods with digital alternatives. Nowadays, these attempts have gone beyond mere experimental applications and reached a practical level capable of replacing analog clinical methods.

Now, beyond dental clinical practices, we have entered an era where it is necessary to strategically and efficiently build a digital dental system to respond to the ever-changing dental operating environment. In keeping with this trend, the question of "how should we respond and prepare?" has become a significant issue. However, it is still unclear how to apply the digital transformation happening across industries to dentistry.

However, as a dentist, the common goal is to enhance professionalism, increase employee satisfaction in their workplace, and operate a dental practice that satisfies both dentists and staff. If digital technology can be well-utilized in operating such a practice, building a digital system within the dental clinic can become a powerful tool for successful dental management.

Therefore, through this lecture, I would like to introduce strategic methods for building a digital environment in an actual dental clinic that can replace traditional methods in all processes from a patient's visit to leaving the clinic. By doing so, I hope to provide clinical and managerial ideas for those planning to introduce a digital system in their dental practice, and lower the barriers to entry for digital transformation.

Profile

- * Periodontist
- * Graduated from Kyung Hee University School of Dentistry,
- * Completed internship/residency in Periodontics at Kyung Hee University Dental Hospital
- * Associate Director of Public Relations, Korean Academy of Periodontology
- * Director of e-TnTn Dental Clinic