

How to use an intraoral scanner for a comfortable and efficient dental treatment: An updated view in 2023

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One of the most significant changes in dentistry in recent years has been the digitization of the dental clinic due to advances in digital dentistry. This has happened very rapidly in recent years, with optical impression acquisition using intraoral scanners changing the landscape of the dental clinic by creating workflows that eliminate the need for physical impressions.

While the hardware advancements in scanners are amazing, the AI-based technology in scanning software has improved the way data is processed, and the various applications offered by each company have made it possible to use the scanned data to make modelling scanned data, digitally analysis and design of smiles, which is very useful for clinical purposes. There are also evolutions, such as the smartphone application ecosystem, that are expected to change the digital dentistry in the future. However, the evolution of this technology is still a work in progress.

In this lecture, I will summarize the latest literature published by clinicians and researchers around the world on how accurate oral scanners are at this point in time, how and in what cases we should use them in our practice, and what principles we should follow when using them.

Profil

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