

Digital vs analog dental impression

(Poster presentation)

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Introduction: For the preparation of one good and functional prosthetic preparation, it is necessary to make an appropriate and good tissue imprint from the tissues in the patient's mouth. At this moment in dentistry, the convection (analogue) impressions for registering the patient's tissues is the most used method, but more and more the digital tissue scanners take on a larger swing.

Aim: The aim of our study is to sublimate the differences between digital and convectional dental printing.

Material and Methods: For the preparation of this study, the materials were obtained by thorough and comprehensive search of relevant professional and scientific studies.

Results: The digital impression was more pleasant to the patient, has no inflatable feeling, the timing of printing is reduced, there are no impression materials, no TMZ discomfort, no need for retraction of the gungiva. It can be transmitted directly to a computer and working digital works, more precise in relation to the analogue impression, has the possibility of re-scan if the first one is not good. There is less possibility of transmission of infections from the patient to the dentist and the dental technician. As a negative side, only expensive and large digital printing equipment is emerging.

Conclusion: Digital imaging versus analog in many studies was proving to be better, more precise, and more appropriate for both, the patient and the dentist.

Key words: analog imression, dentist, digital impression, precise.