

DIGITALNI PROTOKOL U IZRADI FIKSNIH PROTETSKIH NADOKNADA

DIGITAL PROTOCOLS IN FIXED DENTAL PROSTHETICS

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SAŽETAK

Uvod: Digitalna tehnologija je preuzela primat u stomatološkoj praksi i omogućila brže, efikasnije, preciznije i kvalitetnije stomatološke usluge. I na taj način veoma uticala na celokupnu stomatološku profesiju. Osim poboljšanja kvaliteta oralnog zdravlja, povećava produktivnost i ekonomičnost stomatoloških usluga i pruža bolje iskustvo pacijenatima. Za današnje i buduće studente stomatologije, digitalizovana stomatologija će biti polazna tačka u učenju i usavršavanju svog znanja. O konvencionalnoj stomatologiji biće reči kao osvrt na prošlost i kako se nekada radilo.

Cilj: Cilj ovog predavanja je ukazati na prednosti kompletno digitalnog postupka izrade fiksnih protetskih nadoknada.

Metodologija: Postupak protetske rehabilitacije obuhvata dobijanje adekvatnih kliničkih digitalnih fotografija, njihova upotreba u profesionalnom programu za dizajn protetskih nadoknada, spektrofotometriju tj. određivanje boje susednih zuba, digitalni otisak preparisanih zuba, prenošenje položaja gornje vilice u digitalni artikulatork, snimanje pokreta donje vilice, proba privremenih kruna dobijenih 3D stampom i izrada definitivnih fiksnih nadoknada.

Zaključak: Digitalni protokol u restaurativnoj stomatologiji doveo je do unapređenja efikasnosti, kvaliteta i predvidivosti protetske terapije.

Ključne reci: Digitalna tehnologija, Digitalni protokol, protetska rehabilitacija

ABSTRACT

Introduction: Digital technology has assumed primacy in dental practice and enabled faster, more efficient, more precise and better quality dental services and thus greatly influenced the entire dental profession. In addition to improving the quality of oral health, it increases the productivity and cost-effectiveness of dental services and provides a better experience for patients. For today's and future students of dentistry, digitized dentistry will be the starting point in learning and improving their knowledge. Conventional dentistry will be discussed as a look back at the past and how it used to be done.

The goal: The aim of this lecture is to point out the advantages of a completely digital procedure for the production of fixed prosthetic restorations.

Methodology: The procedure of prosthetic rehabilitation includes obtaining adequate clinical digital photographs, their use in a professional program for the design of prosthetic restorations, spectrophotometry, i.e. determination of the color of adjacent teeth, digital impression of prepared teeth, transfer of the position of the upper jaw to the digital articulator, recording of the movement of the lower jaw, trial of temporary crowns obtained by 3D printing and creation of definitive fixed restorations.

Conclusion: The digital protocol in restorative dentistry has led to improved efficiency, quality and predictability of prosthetic therapy.

Key words: Digital technology, Digital protocol, prosthetic rehabilitation