

Immediately and Early Restored and Loaded Single Dental Implants after Immediate and Early Implantations in Anterior and Posterior Regions - Case Reports

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A healing period of approximately 4 to 6 months without loading has been a traditionally accepted protocol for attaining osseointegration - introduced by Brånemark and coworkers in 1977. As a result of refined surgical protocols, an optimized implant design, and other surface characteristics, a shortened healing period is currently possible. The success rate of immediately loading of implants that are cross-arch stabilized with either rigid bar or fixed provisional prosthesis is comparable to that of conventionally loaded implants according to several authors. Today more and more studies and case reports are presenting immediate and early loading of single-tooth implants in anterior and posterior regions.

This case report presents immediate and early implantations and early and immediately prosthodontic restorations (immediate non-functional loading) on implants for a single tooth in anterior and posterior regions.

With early and immediately restored dental implants careful patient selection and treatment planning remain significant. Although the immediate and early loading technique allows maintenance of soft and hard tissue, provides patient comfort and aesthetics, and has demonstrated success so far, a longer evaluation period with larger patient populations is needed.

Prikaz trenutalnog opterećenja usatka u protetičkoj opskrbi pacijenta

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Nadomjestiti izgubljeni prednji zub često je nezahvalna zadaća. Pitanje je da li rehabilitaciju obaviti fiksnim nadomjestkom, tj. brušenjem intaktnih susjednih zuba, ili pronaći drugo rješenje. Uz povoljne anatomske i opće zdravstvene okolnosti, sve više se postiže uspjeh ugradnjom usatka i izradom kovinokeramičke krunice ili cirkon-keramičke krunice. U ovome radu obrađena je pacijentica razmjerno mlađe dobi s gubitkom lijevoga gornjeg središnjeg sjekutića. U prikazanom slučaju uporabljen je usadak s pripadajućim elementima za supstrukturu.

Nakon ugradnje usatka pacijentica je u istome danu opskrbljena privremenom akrilatnom krunicom. Nosila ju je četiri mjeseca, a nakon toga razdoblja izradila se je trajna kovinokeramička krunica. Takva se je metoda pokazala zadovoljavajućim rješenjem za estetski, fonacijski i psiho-socijalni problem nedostatka dominantnoga prednjeg zuba.

Presentation of Immediate Loading of the Implant in Prosthetic Treatment of Patients

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Restoration of a lost frontal tooth is frequently a thankless task. The question is whether rehabilitation should be performed with a fixed restoration, i.e. by grinding intact adjacent teeth, or by another solution.

With satisfactory anatomical and general health circumstances, success is increasingly achieved by placement of implants and construction of metal-ceramic crowns or zircon-ceramic crowns. In this presentation a relatively young female patient was