

Effects of soft tissue augmentation procedures on peri-implant health or disease

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While osseointegration is simple to achieve, soft-tissue integration is, in many circumstances, difficult. Even though several studies have shown optimal implant survival rates, the clinical results in terms of long-term soft tissues stability are often less than ideal. One of the greatest challenges facing clinicians is to obtain an early and long-standing effective mucosa seal, capable of biologically protecting the peri-implant structures. This is particularly difficult in compromised sites, due to trauma, atrophy, periodontal disease and/or infection. Recent systematic reviews have confirmed that, from the aspect of long-term maintenance, the presence of an appropriate amount of keratinized mucosa is desirable. Therefore, in case of reconstructive treatment of peri-implantitis, if the area had no keratinized tissue, a connective tissue graft should trimmed and adapted over the entire defect so as to cover 2–3mm of the surrounding alveolar bone and to ensure stability of the graft material.



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