Periodontal Regenerative Surgery in Soft Tissue Deficiencies Cases

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In cases of bony defects in periodontal disease, a critical prerequisite for regenerative surgery is the presence of ample soft tissue to shield the underlying regenerative materials. Historically, performing periodontal regeneration surgery on cases with deficient soft tissue was considered exceedingly challenging, if not unfeasible.
In this presentation, I will share two cases where I addressed intrabony and furcation defects in periodontal disease teeth with soft tissue deficiencies, illustrating the simultaneous reconstruction of soft and hard tissues. The first method involves the utilization of the platform technique, where a piece of soft tissue forms a so-called CTG wall, creating the space for regeneration. The second method, which I've named the scarf technique, is suitable for teeth with furcation involvement in periodontal disease.In cases where only bone grafting is performed without sufficient soft tissue protection, a gap may form between the furcation and flap during healing, allowing saliva or bacteria to enter and affect regeneration outcomes. In such scenarios, using a CTG like a scarf to shield or seal the gap significantly improves results.
In contemporary periodontal regeneration surgery, tissue regeneration is no longer focus on hard tissue regeneration must also consider soft tissue aspects.The two surgical techniques shared in this presentation not only produce traditional periodontal regeneration effects but also offer the advantages of root coverage simultaneously.