

Speaker from Taiwan

Angus Hao-Tien Cheng

DDS

Title of Lecture

Minimally invasive periodontal regenerative surgery



2004-2010 Doctor of Dental Surgery
Kaohsiung Medical University,
School of Dentistry, Kaohsiung, Taiwan

2016-2017 Tri-Service General Hospital perio.training

TAP (Taiwan Association of Periodontology) specialist

JSAD (Japan Society of Aesthetic Dentistry) member / specialist

TAAD (Taiwan Association of Aesthetic Dentistry) members / specialist

Zeiss Speaker, Taiwan

Summary

All the current studies consistently support the efficacy of minimally invasive surgery in the treatment of periodontal defects in terms of clinical attachment level gain, probing pocket depth reduction and minimal gingival recession. Minimally invasive surgery might be considered a true reality in the field of periodontal regeneration. The observed clinical improvements are consistently associated with very limited morbidity to the patient during the surgical procedure as well as in the post-operative period. Minimally invasive surgery, however, cannot be applied at all cases. A stepwise decisional algorithm should support clinicians in choosing the treatment approach.

This section reviews historical landmarks in periodontal regeneration treating infrabony and furcation defects. Principles behind biologically driven flap design are described and recommendations are made to achieve optimal soft and hard tissue handling, maintaining adequate flap perfusion and wound stability, all in the pursuit of healing through primary intention.

Workflow during periodontal regenerative therapy utilizing the operating microscope is presented, emphasizing technical tips on flap design, defect debridement, biomaterial application and tissue approximation. Errors most frequently committed and actions to avoid are discussed, as well as recommendations for the post-operative and maintenance phases of patient care.

Case



Email | angusky71122@gmail.com

Address | 4F.-2, No. 290, Jiankang Rd., Songshan Dist., Taipei City 105, Taiwan (R.O.C.)

Tel | +886 953336952