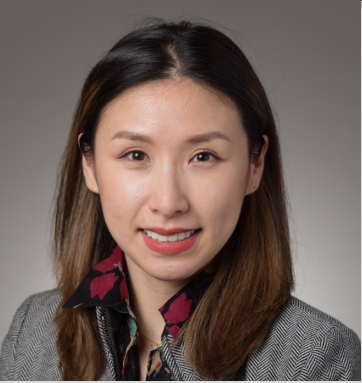
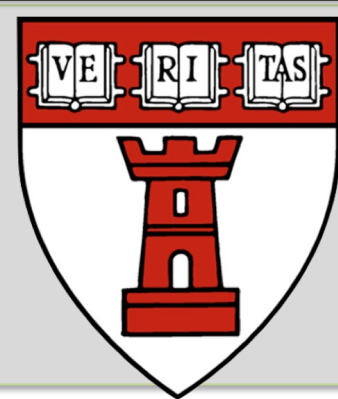




Objectives

- Cases review of traditional and new RC techniques
- Summarize indications of CTG vs alternative choices

Techniques and Concepts

- The pedicle flap – lateral sliding, double papilla
- Split thickness or Full thickness
- Coronally advanced flap - with or without grafts – single or multiple recession types
- Subepithelial CTG – gold standard

Emerging Alternatives

- Human acellular dermal matrix
- Porcine-derived acellular dermal matrix
- Non cross-linked xenogeneic collagen matrix
- Cross-linked xenogeneic collagen matrix

Indications

- patient's preference and expectation
- In the presence ≥ 2 mm distinct KTW at base line
- Advantages: unrestricted availability, reduced surgical and recovery time, avoidance of secondary surgical site

Conclusion

- While autogenous grafts remain the gold standard for RC procedure, similar and comparable results may be achieved with graft substitutes in certain case scenarios.
- Understanding the various soft tissue techniques, applying the fundamental surgical principles, proper flap design, and graft stabilization are essential for achieving acceptable outcomes for both autogenous and non-autogenous graft substitutes.

Autogenous CTG



Non-autogenous graft substitutes



References:

- Chambrone, Leandro et al. "Root coverage procedures for treating localised and multiple recession-type defects." *The Cochrane database of systematic reviews* vol. 10,10 CD007161. 2 Oct. 2018, doi:10.1002/14651858.CD007161.pub3
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