Speaker from Taiwan

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Title of Lecture

Periodontal microsurgery for root coverage and interdental tissue reconstruction.

2014-2018　Doctor of Philosophy in Medical Sciences
Graduate Institute of Medical Sciences
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Summary

Gingival recession may cause problems, including esthetic concerns, dental hypersensitivity,root caries, and difficulties achieving optimal plaque control. It may progress over time without management. Root coverage poses challenges clinically due to a thin gingival biotype, shallow vestibule, and high frenum attachment. In addition, the loss of interdental attachment further complicates outcomes. Maximum precision is required in performing mucogingival surgery to satisfy particular esthetic demands; a surgical microscope that enhances complete visualization of the operative field may represent a valuable tool for root coverage.
This presentation highlights the vestibular approach dual-thickness tunnel (VADT) flap with a modified subperiosteal sling suture under the dental microscope for root coverage and papilla augmentation. This technique combined a careful flap preparation of a split-thickness of mucosa and a full-thickness of keratinized gingiva under a tunnel approach. The VADT provides better access for flap advancement and maintains more blood supply and nutrition without a papilla incision. Based on various benefits, more stable root coverage could be expected even in the recession defects with interdental attachment loss.

Case

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