

## Pink Esthetics with Collagen Matrix & HA Filler

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The gingiva shows wide biological variation in color, texture, and thickness. Among these characteristics, the periodontal biotype, which is closely related to gingival thickness, significantly influences the prognosis of dental treatments. Procedures involving alveolar bone remodeling—such as orthodontic treatment, tooth extraction, and implant surgery—may lead to complications including gingival recession and inflammatory responses, resulting in both esthetic and functional problems.

In periodontal clinics, many patients present with gingival recession or interdental black triangles, complaining of functional and esthetic discomfort. These conditions are often associated with alveolar bone loss, frequently accompanied by inflammation due to dentin hypersensitivity and inadequate oral hygiene.

With the development of dental biomaterials such as collagen matrix and hyaluronic acid (HA) filler, along with simplified clinical techniques, new treatment approaches have emerged to manage gingival recession and black triangles more efficiently. As a result, gingival augmentation procedures aimed at increasing gingival thickness and volume have gained increasing attention.

This lecture will present clinical techniques and cases using collagen matrix and HA fillers for the treatment of gingival recession and interdental black triangles after orthodontic treatment, focusing on effective material use and clinical outcomes.

### Profile

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