

A hand holding a white intraoral scanner device, which has a long, thin, light-blue tip. The device has a circular button on the handle and a cable attached to the bottom. The background is a gradient from light blue at the top to pink at the bottom.

INTRAORAL SCANNING IN EVERYDAY PRACTICE

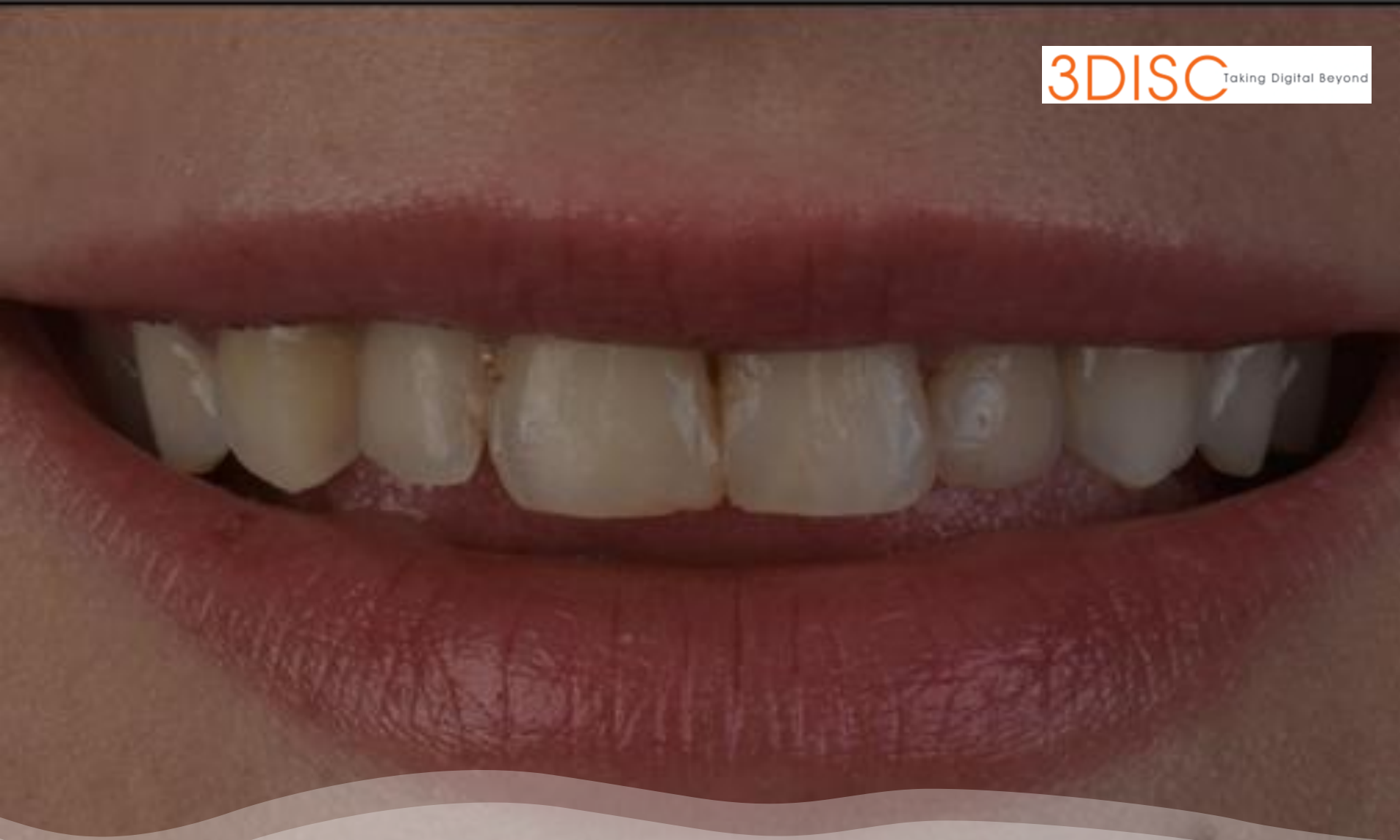
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Case № 1

SMILE HARMONIZATION





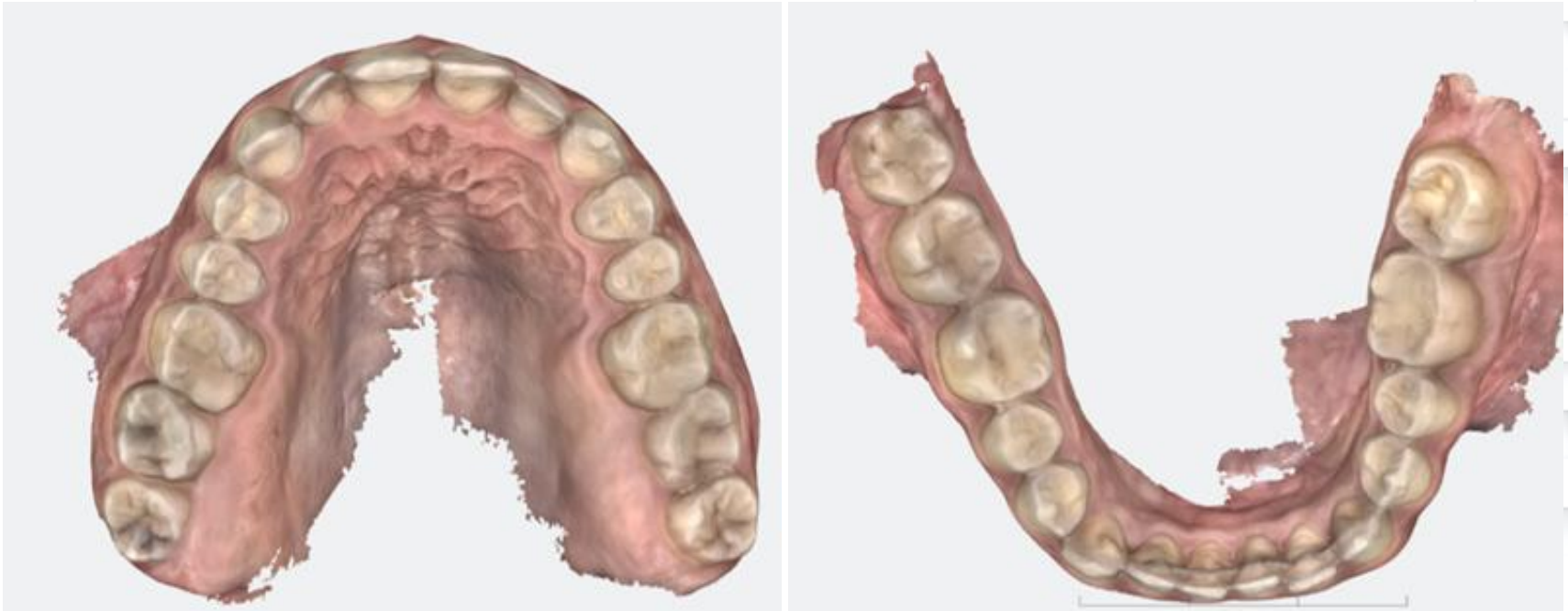
A 32-year-old female patient - with aesthetic concerns about her upper teeth. She underwent orthodontic treatment eight years ago but does not wish to wear braces again or aligners. Instead, she seeks a durable solution to enhance her smile.



EXAMINATION - discoloration of the old composite restorations with poor gingival margins, tooth rotations, crossbite on tooth 22, loss of shine, and a slight shift in the midline
She currently wears a retainer for her lower jaw but not for the upper.



PRE-OP SCANS



- Pre-operative scans were taken for comprehensive treatment planning and 3D analysis of the initial condition.
- Pre-operative intraoral scans provide valuable insights into the necessary adjustments for creating a harmonized smile.

Tissue management protocol prior scanning



Light chamfer margin placed slightly subgingival. To ensure optimal scanning accuracy, a dual-cord retraction technique was used to properly expose the marginal tissues. The second cord (#0), which provided horizontal retraction by remaining in the sulcus for 10 minutes, was removed before scanning. However, the first cord (#00) was left in place for vertical marginal retraction, ensuring the margin remained clearly visible and free of tissue during the scan.

