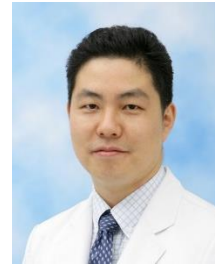


Title: Diastema closure, let's make it easy!

(Diastema closure, 쉽게 하기!)

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Abstract

A maxillary midline diastema (MMD) is a common complaint of dental patients. An MMD can be closed with treatment from different disciplines, including operative dentistry, prosthodontics and orthodontics. A comprehensive smile analysis is also a necessity before beginning treatment. This lecture highlights the closure of a 3 mm MMD by using direct composite resin restorations.

Anterior maxillary spacing has been shown to be one of the most negative influences on self-perceived dental appearance, and a maxillary midline diastema (MMD) is commonly cited by patients as a primary concern during dental consultations. MMD has been defined as a space greater than 0.5 mm between the mesial surfaces of the 2 maxillary central incisors. An MMD greater than 2 mm in the mixed dentition is unlikely to spontaneously close.

In esthetic situations, without a comprehensive smile analysis and proper planning, overtreatment and undesirable effects can occur. Tooth size especially has been emphasized as the primary element of an esthetic smile design. One method of establishing tooth size is tooth biometry. Other important elements of smile analysis include the dental midline, tooth morphology, axial inclinations, and the soft tissue components of gingival health, levels, and harmony.

The direct bonding technique is a straightforward, conservative method for diastema closure.

However, artistic skills, knowledge of tooth morphology, and the appropriate selection and use of composite resin materials are essential for success. This lecture will share clinical situations in which an MMD was closed by direct composite resin restorations.

Content

1. Definition of diastema
2. Various disciplines of diastema closure
3. Diastema closure by direct composite resin

CV

Feb. 2002 : DDS.; Yonsei Univ. College of Dent.

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