

ENHANCING ANTERIOR RESTORATIONS - The Role of Modern Matrix Systems

Anterior Matrix System aids in creating precise contours and contacts in restorative procedures for anterior teeth, enhancing both the functional and aesthetic outcomes.

1) Transparent Anterior Matrix System

CLASSIFICATION

2) Non-Transparent Anterior Matrix System

Mylar Strip

Application

Smaller defects, where adjacent tooth has flat contact region

Limitation

Can't contour vast areas, as it is flexible

Bioclear Matrix

- Introduced by Dr. David Clark in 2007.

Advantages

- Excellent Cervical adaptation
- Preserves Gingival papilla
- Incisal tab for proper orientation

Indications

- All Anterior cases
- Diastema closure
- Closure of black triangle

Transparent Crowns

- Strip crowns / Cellulose crowns

Advantages

- Precontouring easily creates occluso-gingival anatomy and avoids flat embrasures

Application

- Class III and Class IV Composite Restoration
- Diastema closure

Contoured Anterior Matrix

- Blue View Vari-Strip

Advantages

- Smaller defects, where adjacent tooth has flat contact region

Application

- Can't contour vast areas, as it is flexible

Unica Anterior Matrix

- Developed by Polydentia in association with Style Italiano.

Advantages

- Ideal for restoration of Maxillary Central Incisor
- Is used for restoration of smaller anterior teeth like mandibular central incisor, peg laterals & canines.

Indications

- Class III, IV and V Cavity Restorations
- Direct Composite Veneers
- Shape Modification

Fusion Anterior Matrix

- Introduced by Garrison Dental

Advantages

- Preserves the ideal anatomical curvature in gingivo-incisal and facial-lingual orientation.

Indications

- Class III and IV Cavity Restorations
- Deep Restoration
- Composite Veneers

Burton-band Anterior Matrix

- Designed by Dr. Mathew Burton.

Advantages

- Complete access to restoration
- Simple installation in single step
- Control over contour and proximal contact
- Consistently seals the gingival margins

Appearance

- Metal Matrix is affixed to a plastic wedge.
- Wedge's notched edge clicks into the position and stabilizes the matrix.