

CASE STUDY

Diastema restoration and direct stratification composite veneers

courtesy of Dr. Osama Shaalan
Gaza - Palestine



Dr. Osama Shaalan, Gaza - Palestine



- Dr Osama Shaalan was born in Gaza City, Palestine on 12/03/1988 and graduated with an excellence and honor degree from the College of Dentistry of Sinai University in 2013.
- He practices aesthetic, restorative, and adhesive dentistry at his private practice in Palestine.
- International lecturer on restorative and adhesive dentistry, focusing mainly on composite resin restorations.
- Participation as a speaker in many local and international congresses in more than 20 countries.
- Author and co-author of many articles and books on aesthetic dentistry.
- Received the StyleItaliano award for the Best Follower in its community in 2018.
- StyleItaliano Gold Member 2021 and Best Follower award
- ESCD Certified member
- ESCD Youngest and Most Promising Dentist award
- Inventor of posterior replica instruments
- Inventor of the Unica Proximal matrix for anterior teeth.
- ESCD Country chairperson for Palestine

product used

The Polydentia products used in this clinical case are:



Unica Proximal

Anterior matrices



Stripmat

Polyester matrix strip

diastema restoration and direct stratification composite veneers

Case report

The patient came to our practice for the aesthetic modification of multiple diastemas and defective restorations between teeth 11-21 and 21-22; we also took the opportunity of the treatment to improve the overall aesthetics of the anterior region by applying multiple direct stratification composite veneers using Unica Proximal anterior matrices.

preoperative

cavity
preparation

matrixing

restoration

outcome



01



Initial situation full smile

02



Preoperative photographs - retracted view showing multiple diastemas with defective restorations requiring replacement between teeth 12 and 21

preoperative

cavity
preparation

matrixing

restoration

outcome



03



Left side showing a small space between teeth 21 and 22

04



Right side showing a small space between teeth 11 and 12

preoperative

cavity
preparation

matrixing

restoration

outcome



05



Preoperative view of the upper jaw under isolation

06



The surfaces of the teeth after preparation, cleaning and sandblasting

preoperative

cavity
preparation

matrixing

restoration

outcome



07



Etching of the labial surfaces

08



Frosty white appearance after efficient etching

preoperative

cavity
preparation

matrixing

restoration

outcome



09



First, the palatal surfaces were restored using a Stripmat Mylar strip and the press-finger technique

10



Unica Proximal anterior sectional matrices were then placed on 11M, 12M, 13M, 21D, 22D, 23D together to close the spaces and achieve reshaping from tooth 13 to tooth 23. The shape of the matrices allows for stable positioning, accurate proximal contour reproduction and good visibility due to the absence of excess material.

preoperative

cavity
preparation

matrixing

restoration

outcome



11



Immediately after matrix removal

12



Finishing and contouring using a coarse disc

preoperative

cavity
preparation

matrixing

restoration

outcome



13



Finishing the surface texture using a perio bur

* not a Polydentia product

14



Pre-polishing using twist rubber polishers

* not a Polydentia product

preoperative

cavity
preparation

matrixing

restoration

outcome



15



Polishing of the labial surfaces using Lucida polishing paste

* not a Polydentia product

16



Immediately after final polishing

preoperative

cavity
preparation

matrixing

restoration

outcome



17



Polishing of the labial surfaces - side view

18



Immediately after rubber dam removal

preoperative

cavity
preparation

matrixing

restoration

outcome



19



The immediate postoperative outcome - front view

20



The immediate postoperative outcome - side view

preoperative

cavity
preparation

matrixing

restoration

outcome



21



The immediate post operative outcome, side view

22



Final situation full smile

diastema restoration and direct stratification composite veneers

Conclusion

Unica Proximal solves the problems of anterior matrices, by ensuring easy matrix placement, self-stabilisation without wedges, and outer contour prediction, as it fits the restored anterior teeth perfectly without labial and palatal matrix excess.

It is ideal for Class III and IV, diastema, reshaping, and composite veneer situations. Unica Proximal is a smart solution for everyday direct aesthetic and functional anterior restorations.

clinical case courtesy of Dr. Osama Shaalan, Palestine



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thanks for your attention!

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