

# Restorative Clinical Cases

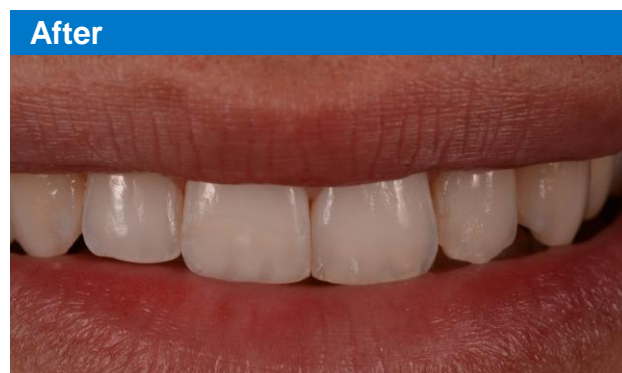
Author: Dr. Gaetano Paolone  
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Brands: Spectra ST Effects

## Direct Restoration of a Class IV Cavity with Neo Spectra ST\*

The patient presented to my office complaining about the esthetic appearance of his right central incisor. The tooth had a defective restoration from the shade and the translucency point of view but the shape was considered quite good.

For this reason a silicone index was created directly in the mouth to obtain shape of palatal and incisal part of the tooth. Shade were selected through the use of a custom shade guide and a button try technique (composite applied on tooth and cured before adhesive procedures). Operatory field was isolated with rubber dam, defective restoration was removed. Margin was prepared (chamfert buccally) and adhesive procedure was performed (DeTrey Conditioner, Prime&Bond active).

**Spectra ST Effects E1** was applied on the silicone index to replace the palatal part together with a small increment of D1 on the incisal portion to replicate the opaque portion of the incisal edge. Once the palatal and incisal edge was molded a little amount of **Spectra ST flow A2** was applied on the palatal part to increase the strength of the connection between the tooth and the palatal shell. The silicone index was removed and a sectional matrix was applied on the distal wall. **Spectra ST Effects E1** was used to complete the "boxing" of the central incisor. **Spectra ST Effects D1** was then used to replicate internal dental anatomy (mamelons) and **Spectra ST Effects E1** was applied between mamelons. A final thin cover layer of **Spectra ST A1** was applied. Finishing and polishing was performed with discs, Enhance and EnhancePogo points.



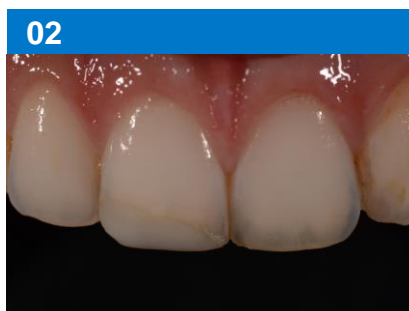
**Dr. Gaetano Paolone**  
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- Since 2015: Adjunct Professor in Restorative Dentistry, Università Vita Salute San Raffaele, Milan.
- He has his own Private Practice in Rome in an interdisciplinary clinic
- He is Lecturer in the Master in Esthetics and Restorative Dentistry, University of Bologna, Italy.
- Author and co-author of several publications in scientific international journals

## Direct Restoration of a Class IV Cavity with Spectra ST\*



Initial situation



Initial situation detail



Isolation under rubber dam



Margin preparation detail



Margin preparation



Silicone index try-in



Etching with Conditioner 36



Before adhesive application



Palatal (Spectra ST Effects E1)  
and Incisal (Spectra ST Effects D1)

## Restorative Clinical Cases

### Direct Restoration of a Class VI Cavity with Spectra ST



10  
A sectional matrix is applied in vertical position



11  
Distal portion is completed (Spectra ST Effects E1)



12  
Internal dentinal anatomy (Spectra ST Effects D1)



13  
Cover layer: (Spectra ST A1) on the margin and Spectra ST Effects E1 on the incisal part



14  
Finishing and polishing (Enhance)



15  
Finishing and polishing (EnhancePogo)



16  
Final aspect after rehydration



17  
Final aspect: smile of the patient

## Restorative Clinical Cases

### Conclusion and references

- Through the correct selection of shades and opacities, it was possible to achieve a good integration of the restoration and to provide the patient a new smile.



Neo Spectra® ST Intro Kits  
Syringes and Compules  
Universal Composite Restorative



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## Case and Testimonial Release

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Name: \_\_\_\_\_ Dr Gaetano Paolone \_\_\_\_\_

Location, Date: \_\_\_\_\_ Rome, 4/7/2019 \_\_\_\_\_

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