



SCD

A Modern Dental Europe Company



CASE REPORT

COMPOSITE INJECTION TECHNIQUE (F.I.T.)

Dentist: **Dr. Lauranne Vandendael**

INTRODUCTION

F.I.T. : A predictable and aesthetic outcome!

While more costly porcelain restorations remain the mainstay in this treatment modality, composite restorations have always been an economical alternative. Using the injection moulding technique, composite restorations are created by injecting the composite into a silicone key that is directly positioned into the patient's mouth.

Extensive treatment planning and smile design can be time-consuming. However, this time is often saved at the actual execution of the treatment plan. The difficulty lies in accurately transferring the exact prototype tooth form and shape into the final delivery, and this skill can take years to master.

Using the composite F.I.T. solution from **SCD**, the aesthetic outcome is more predictable and the total procedure is less stressful. As part of the treatment, the diagnostic step can be completed outside the mouth, in the absence of the patient. The main advantage of this technique is that restorations are first designed using the **SCD View** diagnostic tool and then copied and transferred in detail to the natural teeth. For complex morphologies, challenging aesthetic cases or cases requiring reestablishment of the occlusal vertical dimension, a predictable result can be obtained and chair time reduced with this relatively simple procedure. Adjustments can also be made afterwards if required.

Because these restorative treatments usually span an extensive area, the composite used should be strong, wear resistant and also offer the desired aesthetic properties. That's why **SCD** use G-ænial Universal Injectable - It is an ideal product for this indication thanks to its great thixotropy and excellent mechanical and aesthetic properties.



Dr. Lauranne Vandendael

Dr. Lauranne Vandendael qualified as General dentist at the KUL in 2002.

Dr Vandendael spent over 12 years working in different practices across Europe and recently returned to Belgium to start her own practice "Praktijk 318". Here she focuses mainly on aesthetic and total rehabilitation cases.

TREATMENT PROCESS SUMMARY

IOS scans with Medit scanner upper jaw and lower jaw and bite scan



Virtual mock-up **SCD View**



Clinical workflow: Posterior injection



BEFORE



AFTER

TREATMENT PROCESS SUMMARY

Clinical workflow: Anterior injection



Occlusal view: Upper and lower arch



End result:



*22 old crown is integrated in the treatment. (Using ceramic primer)



SCD host online, live, hands-on and clinician-led courses allowing you to learn how to apply the composite F.I.T method in your practice.

For more information on the next course please contact our team.

TREATMENT PROCESS SUMMARY



*Patient reaction.

DENTIST AND PATIENT FEEDBACK

Dr. Lauranne Vandendael:

"We are very enthusiastic about the F.I.T. solution. I followed the FIT hands-on course first which is a perfect way to get to know the procedure, tips and tricks.

It's advisable to allow enough treatment time for full rehabilitations. Although the indication was occlusal wear, the outcome is always very aesthetic and life-changing for the patient."

Patient:

"I was hesitant and worried to get a full rehabilitation treatment. When the dentist explained this non-invasive technique, I agreed and was completely overwhelmed by the end result. The treatment was quick and easy, not stressful and it's like a complete smile make over."



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