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An “A, B, C, D of Direct Composite Occlusal Rehabilitation”

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Fig. 1 – A 45-year-old female patient with fair oral hygiene presented at the surgery asking for new full porcelain crowns on two upper central incisors
Fig. 2  Img. 2 – The X rays of the patient

Fig. 3  Img. 3 – Step A : Planning the aesthetics

Fig. 4  Img. 4 – The aesthetic plan was confirmed with DSD and a mock-up procedure.
Fig. 5  
Img. 5 – Step B: Find the “0” Position for your Restorative Treatment: Centric Relation (CR) Position Using the Kois Deprogrammer.

Fig. 6  
Img. 6 – The Kois Deprogrammer
Fig. 7  Img. 7 – Step C: Plan the Volume of Restorations in the Posterior Teeth – Functional Wax-up

Fig. 8  Img. 8 – A functional wax-up was fabricated in order to increase the vertical dimension and ensure a sufficient envelope of function for the previously accepted length of the anterior teeth

Fig. 9  Img. 9 – Step D: Restorative Phase
Fig. 10 – A transparent silicon index was created by means of the wax-up prepared earlier.

Fig. 11 – Rubber dam isolation, air abrasion with 50 microns aluminium oxide / rotary instrument for delicate abrasion of the enamel surface and Enamel etching
Fig. 12 – Placement of the first part of the composite layers on the cusps. Placement of the index, and polymerisation of the first layers, initially for 60 s. Finally placement of the second part of the composite layers inside the transparent index.

Fig. 13 – Posteriors in lower arch (left side) during step by step direct composite reconstructions
Fig. 14 – Posteriors in lower arch (right side) during direct composite reconstruction

Fig. 15 – Direct composite reconstruction – anteriors of the lower arch

Fig. 16 – Rubber dam isolation and anteriors of the lower arch after direct composite restorations
Fig. 17 – Lithium disilicate crowns treatment before cementation

Fig. 18 – Lithium disilicate crowns were adhesively luted with G-CEM LinkForce
1. Full mouth occlusal rehabilitation can today be performed successfully with direct composite restorations.
2. It is important to follow the ABCD protocol in order to facilitate the clinical protocols in the dental practice: A – Planning the aesthetics (DSD, wax up, and mock-up). B – Finding the CR position. C – Functional wax-up. D – Restorative phase.