

# 4<sup>th</sup> International Conference on Prosthodontics

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### Deep margin elevation: A literature review

The aim of this review was to summarize the existing scientific literature investigating on cervical margin relocation technique performed prior to the adhesive cementation of the indirect restorations. An electronic search with no date restriction was conducted in the MEDLINE database, accessed through PubMed. The following main keywords were used: “cervical margin relocation”, “coronal margin relocation”, “deep margin elevation” and “proximal box elevation”. A total of 11 clinical reports investigating on CMR are taken into consideration for the present review. The most frequently investigated parameter was the marginal adaptation of the indirect restorations. One study additionally assessed the influence of CMR on the fracture behavior of the restored teeth and one study assessed the bond strength of the indirect composite restoration to the proximal box floor. Clinical reports provided documentation with a detailed description of the treatment protocol. More research is needed to validate the deep margin elevation technique. There is no strong scientific evidence that could either support or discourage the use of CMR technique prior to restoration of deep subgingival defects with indirect adhesive restorations. Nonetheless, this technique is an alternative approach for patients who cannot afford more invasive procedures. It conforms to the main goal of dentistry: the conservation of tooth structure.

#### Recent Publication

1. Dorsaf Touil, Rabeb ben Fraj, Ibtissem Grira, Tlili Mohamed, Nabiha Douki, Dental Implants in A Patient with History of Zoledronate Therapy: A Challenging Case, *J Dental Sci Res Rep*, 2021, Volume 3(2): 1-4,
2. Naima Ayari, Ibtissem Grira, Sarra Nasri Soua, Anissa Ben Moussa, Zohra Nouira, Dalenda Hadyaoui, Belhassen Harzallah, Mounir Cherif, Deep margin elevation for indirect bonded restorations: A case report, *International Dental Journal*, Volume 71, Supplement 2, September 2021, Page S50
3. Ibtissem Grira, Naima Ayari, Yosra Gassara, Anissa Ben Moussa, Belhassen Harzallah, Mounir Cherif, Adhesive Rehabilitation of a Severely Worn Dentition: A Case Report, *International Dental Journal*. Volume 71, Supplement 2, September 2021, Page S41

#### Biography

Ibtissem Grira is a Prosthodontics specialist and graduated from faculty of Dental medicine of Monastir, She is working as Prosthodontist at Sahloul Hospital, Sousse, Tunisia. She is currently working in the fixed prosthodontics and dental restoration researches.

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