

Repair of a localized defect in a restoration with amalgam filling as minimal intervention treatment in cariology [Reparación de defecto localizado en restauración de amalgama como tratamiento de mínima intervención en cariolología]

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Introduction: Restoration repair has been studied recently; but, even when it has demonstrated effectiveness and improvements in the therapy of dental caries, it still has followers and detractors that justify the need for studies that continue supporting such practices. Objective: To describe, through a case presentation, the repair of a defect located in a restoration with amalgam filling as minimal intervention treatment in cariology. Case presentation: Sixteen-year-old female patient with health history that went to the clinic reporting a small fracture of a restoration performed in tooth 4.6 several weeks ago. The regularization of the defect in the restoration, minimum cavity preparation, elimination of the fragment of the intermediate base, protection of the dentin-pulp complex, and filling of the resulting cavity were the first steps of a technique that was completed after the final polishing of the dental tissue/restoration interface that was evolved five years later. The status and presence of the restoration repair performed without added fractures, microfiltration, symptomatology, displacement or loss of continuity was evidenced. Conclusions: The repair of the localized defect in a restoration with amalgam filling was performed with the aim of preserving the unaffected dental tissues as dictated by minimal intervention in cariology. Five years later, the patient's evolution shows a practice that resulted in satisfactory results and an increase in the patient's quality of life. © 2019 Universidad de Ciencias Medicas de La Hab. All rights reserved.

Defective restoration

Dental amalgam

Dental caries

Dental restoration repair

Minimal intervention in cariology

Tooth remineralization

dental amalgam

adolescent

Article

case report

clinical article

dental caries

dental restoration

dentin

female

human

microfiltration

patient satisfaction

quality of life

symptomatology

tooth filling

tooth pulp