

Class V restorations expended to the subgingival margin

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I. Introduction

Cervical lesions are characterized as structural defects on the tooth surface occurring at the cementoenamel junction. Clinically, these lesions are often associated with gingival recessions and subgingival margin. These defects may cause esthetic problems and discomforts due to the dentinal hypersensitivity. If the cavity has progressed to or below the gingival margin, it is difficult to restore this lesion and some cases are required mucoperiosteal flap.

This clinical report shows two cases treated by a combined approach using periodontal and restorative treatment.

II. Case Presentation

<CASE 1>

1. Sex/age: F/52
2. Chief Complaint (C.C): Cold sensitivity on #43, 45, 46
3. Past Dental History (PDH): N/S
4. Present Illness (P.I): Pain (-) / Cold (+)
5. Impression: Cervical abrasion on #43, 45, 46
6. Tx Plan: Resin filling /c flap surgery

<CASE 2>

1. Sex/age: M/47
2. Chief Complaint (C.C): Cervical caries on #21
3. Past Dental History (PDH): RCT on #22
4. Present Illness (P.I): Pain (-) / Cold (+)
5. Impression: Cervical caries and abrasion on #21
6. Tx Plan: Resin filling /c Flap surgery

III. Conclusion

Cervical lesions, especially which have subgingival or equigingival margin, can be successfully treated by integrated periodontal and restorative therapy. This approach provides a sufficient access to the gingival margin and may produce a better esthetic and functional result.