

COMPLICATIONS OF FILLINGS

► COMPOSITE RESTORATION(chances minimal mostly manageable)

- 1) Discoloration, Especially at Margins -If proper finishing and polishing is not done then the discoloration can occur especially at the margins
- 2) Marginal Fracture- If the filling is too thin at the margins then fracture of the filling can occur especially at the margin.
- 3) Recurrent Caries- If proper adaption of the filling is not there and there is a gap between the tooth and the filling it can cause the food impaction which later can cause the caries known as recurrent caries or the secondary caries.
- 4) Post Operative Sensitivity - This is the common complication after the composite filling. The tooth becomes sensitive to hot and cold sensation in which the tooth may require eventually root canal treatment and a crown.
- 5) Gross Fracture of Restoration- The advantage with composite is that if the filling has fractured then one does not have to remove the whole filling. The filling can be easily repaired.
- 6) Lack of Maintaining Contact- If during filling, proper contact is not made with the adjacent tooth then the problem of food impaction is there which can cause the gum problem and it can also cause, caries in the adjacent tooth.
 - 7) Accumulation of Plaque around the Restoration- If the filling is not done properly and is not polished then the plaque accumulation can be there around the filing. So after doing the filling proper finishing and polishing of the filling is a must.

FAILURE OF FILLINGS CAN BE DUE TO THE FOLLOWING REASONS:

- a) Incomplete Excavation of Caries
- b) Improper Etching and Bonding Technique
- c) Lack of Moisture Control
- d) Improper Condensation

ANTERIOR TEETH COMETIC RESTORATION PROBLEMS:

- 1). Improper esthetics: The shade of the filling should be properly matched for good esthetics. To prevent this natural light is used for shade selection. Selection should be done before isolation.
- 2) Discoloration of margins- It occurs due to microleakage.
- 3) Fracture of the Restoration(Ditching)

Patient should inform the doctor as soon as possible in case he/she experiences one/more of the above complications.



Marginal Discoloration



ISTHMUS FRACTURE