






CLASS - V .

The protocol

#	picture	description	materials
1		rubberdam isolation with master clamp for retention and blinker clamps for retraction (b4 for premolars and canines, b1-b3 for molars), use telson tape or retraction cord to fine tune isolation	rubberdam brinkerset teflontape or retraction cord
2		remove decay/old composite with diamond	komet 801 314 012
3		old composite can be easily removed with hand instruments excavation with tungsten carbide	komet HISEM 204 010 / 016
4		check peripheral seal zone with caries detector dye	kuraray caries detector
5		air-abrasion with aluminium oxide (29um), always protect neighbouring teeth with metal strips or matrices	aquacare twin aluminium oxide 29um
6		enamel etching for 30 sec and dentine etching for 10 sec, rinsing for 30 sec	ultradent ultra-etch
7		applying primer for 20 sec and suction dry only, apply a second layer of primer when the dentine appears very dry, next apply bonding for 20 sec and light cure 40 sec	kerr optibond fl
8		resin coat (rc) of 0.5mm flowable, use a dentine shade to mask discolouration, light cure 40 sec	kuraray majesty es high flow
9		composite application (supra-nanofill), when more increments are necessary; from cervical to incisal, light cure 40 sec	asteria estelite A2B, A3B
10		final composite layer (supra-nanofill), light cure 40 sec and application of glycerine gel, repeat light cure	asteria estelite A2B, A3B glycerine gel
11		recontouring and removing excess material without water spray to have visual control	komet 889 314 009
12		contour margin with ultra-sonic tip (sonicflex)	komet SF849
13		finish overall with only small amounts of water	shofu green-stone FL2
14		finish margins with white stone and no water	shofu white-stone CN1
15		polish with lots of water	eve diacomp twist 6184 shofu brownie
16		polish with lots of water	eve diacomp twist 6284 shofu greenie
17		check proximal areas, cervical margin, remove all teflon or retraction cords, remove rubberdam, hygiene instructions	