

Evaluation of Class I Compound cavity preparation Cavity Base and Application of Matrix Band, Retainer Dental amalgam filing and carving

Scores: Adequate—1 Inadequate—0

(Whenever not applicable follow the instructions given in the brackets)

Sl no.	Points to be noted	Self score	Observer score
1	Final outline form: <ul style="list-style-type: none"> • Outline form has completely removed dental caries /infected dentin. • Outline form is conservative, devoid of stress bearing areas and unsupported enamel margins. • It is a modified box which is self retentive. • Outline form of slot/step has not unnecessarily damaged the cusps. • When occlusally viewed there is a desirable balance between widths of the slot and isthmus. 	1 1 1 1 1	1 1 1 1 1
2	Placement of the mesial/distal walls: (The walls are straight unlike in the Class II cavity where they are occlusally convergent) Yes-1, No-0	1	1
3	Placement of axial wall in terms of <ul style="list-style-type: none"> • Location (at the isthmus-0) (inside the isthmus-0) (outside the isthmus-1) • Design 	1	1
4	Axiopulpal line angle	0	0
5	Finishing of pulpal floor and relation of pulpal floor with cervical floor	1	2
6	Final cavosurface design of the walls of Slot/Step.	1	2
7	Final finishing of line angles and point angles	1	2
8	Any complications arised: Yes = -1. No = 0	-1	-1
9	If the cavity base applied on the pulpal floor, axial wall, and axiopulpal line angle and is smooth, continuous with round axiopulpal line angle? Yes—2 No—0	2	2
10	After giving the cavity base if there is adequate space for amalgam in respect of occlusal as well as Slot/step component of the cavity? Yes—2 No—0	2	2
11	If there is any excess cement on any part of cavity other than recommended? Yes— -2(minus) If you improve upon your minor mistakes within 5 minutes +1 mark In case of repetition of the cavity base if you complete the cavity base in 10 minutes — +2 marks	+1	+1
12	If the applied matrix has perfectly adapted the band. Yes—1 No--0	1	1
13	Height of the matrix band. (1mm above the adjacent marginal ridge and 1 mm below cervical margin—.1 too long—0. too short—0)	1	1
14	If the contour of the matrix band is corresponding to the contour of the missing wall? .Yes—1. No—0	1	1
15	If the matrix band adapted to the Mesial/Distal Cavosurface margins and cervical margin?Yes—2. No—0 If you improve upon your mistakes in 5 minutes +2 mark	+2	+2
16	Surface characteristics of carved amalgam (smooth and shiny —1, Grainy, black—0, mirror like reflection—0)	1	1
17	Reproduction of anatomic details like cuspal ridges,triangular ridges and grooves Yes—1. No—0	0	0
18	Adaptation of amalgam to cavosurface margins. Well adapted—1. No—0	1	1
19	Any underfiling/overcarving/ Overfilling/ undercarving. Yes—0. No--1	1	1

Points 1-8 to be evaluated after cavity preparation,
9-15 after base and matrix band
and 16-19 after carving.

Signature

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Evaluation of Class II cavity preparation (Cavity Base, Application of Matrix Band, Retainer, Wedge, dental amalgam filing and carving)

Scores: Adequate—1 Inadequate—0

conservative class II - 26

(Whenever not applicable follow the instructions given in the brackets)

Sl no.	Points to be noted	Self score	Observer score
1	Final outline form: <ul style="list-style-type: none"> Outline form has completely removed dental caries /infected dentin. Outline form is conservative, devoid of stress bearing areas and unsupported enamel margins. It is a modified box which is self retentive. Outline form of proximal box has provided desirable smooth balanced flare without unnecessarily damaging the cusps. When occlusally viewed there is a desirable balance between widths of the proximal box and isthmus. (Yes-1, No-0)	1 1 1 1	1 1 1 1
2	Placement of the proximal walls <ul style="list-style-type: none"> Occlusal convergence Clearance between the wall and adjacent tooth 	1 1	1 1
3	Placement of axial wall in terms of <ul style="list-style-type: none"> Location (at the isthmus-0) (inside the isthmus-0) (outside the isthmus-1) Design 	0	0
4	Axiopulpal line angle	-	-
5	Placement of the cervical floor in terms of <ul style="list-style-type: none"> Width 	1	1
6	Finishing of pulpal floor and relation of pulpal floor with cervical floor	1	1
7	Final proximal cavosurface design	1	1
8	S - curve(if applicable)	1	1
9	Final finishing of line angles and point angles	1	1
10	Dovetail	1	1
11	Any complications (if Yes= -1. No= 0) Damage to the adjacent teeth / Weakening of the opposite marginal ridge / Loss of the cuspal integrity	-1	-1
12	If the cavity base applied on the pulpal floor , axial wall , and axiopulpal line angle and is smooth , continuous with round axiopulpal line angle? Yes—2. No—0	2	2
13	After giving the cavity base if there is adequate space for amalgam in respect of occlusal as well as proximal component of the cavity? Yes—2. No—0	2	2
14	If there is any excess cement on any part of cavity other than recommended? Yes-- -2(minus) If you improve upon your minor mistakes within 5 minutes +1 mark. In case of repetition of the cavity base if you complete the cavity base in 10 minutes - +2 marks	+1	+1
15	Height of the matrix band. (1mm above adjacent marginal ridge and 1 mm below cervical margin-1. too long-0. too short-0)	1	1
16	If the contour of the matrix band is corresponding to the contour of the missing wall? Yes—1. No—0	1	1
17	If the matrix band adapted to the proximal cavosurface margins and cervical margin? Yes—2 . No—0 (If you improve upon your mistakes in 5 minutes +2 mark)	2	2
18	Shape, size of the wedge if corresponding to that of the embrasure? Yes-1. No-0	0	0
19	Surface characteristics of carved amalgam (smooth and shiny —1. grainy, black —0. mirror like reflection—0)	1	1
20	Reproduction of anatomic details (cuspal ridges,triangular ridges and grooves) Yes-1. No-0	0	0
21	Adaptation of amalgam to cavosurface margins. Well adapted—1. No—0	1	1
22	Any underfilling/overcarving/ Overfilling/ undercarving if Yes—0. No--1	1	1
23	Development of marginal ridge. Adequate-1 Inadequate-0 Height, Bulk and Shape of the occlusal embrasure	1	1

Points 1-11 to be evaluated after cavity preparation, 12-18 after base and matrix band and 19-23 after carving.

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STED MURDEN

Evaluation of Class I cavity, Base and Amalgam Filling.

Adequate – 1

Inadequate – 0

Sl no.	Point to be noted	Self score	Observer score
1	Out line form: <ul style="list-style-type: none"> Outline form has completely removed dental caries and susceptible pits and fissures It is a modified box It is conservative devoid of stress bearing areas 	1	1
2	Pulpal floor is smooth and flat	1	1
3	Depth of the Cavity	1	1
4	Angulation of labial / buccal wall	1	1
5	Angulation of lingual wall	0	0
6	Angulation of mesial wall	1	1
7	Angulation of distal wall	1	1
8	Integrity of marginal ridge	1	1
9	Cavosurface design	1	1
10	Final finishing of walls, line angles and point angles.	0	0
11	If the applied cavity base on the pulpal floor is smooth and continuous? Yes—1. No—0	1	1
12	After giving the cavity base if there is adequate space for placement of amalgam? Yes—1. No—0	1	1
13	If there is any excess cement on any part of cavity other than recommended? Yes-- -2(minus) If you improve upon your minor mistakes within 5 minutes +1 mark In case of repetition of the cavity base if you complete the cavity base in 10 minutes – +2 marks	+1	+1
14	Surface characteristics of carved amalgam (smooth and shiny -1. grainy, black-0. Mirror like reflection-0)	0	0
15	Reproduction of anatomic details like cuspal ridges, triangular ridges and grooves. Yes—1. No—0	1	1
16	Adaptation of amalgam to cavosurface margins Well adapted—1. No—0	1	1
17	Any underfilling/overcarving/ Overfilling/ undercarving Yes—0. No--1	1	1

Points 1-10 to be evaluated after cavity preparation,
11-13 after base and matrix band
and 14-17 after carving.

Signature

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