

Bella Richardson

Form 1: 28-03-2025

Items Performed

DDI-DDS

student_id

1272644

Student Name

Bella Richardson

Assessor Name

Audrey Choo

Date

28-03-2025

Cohort

DDS1

Type

Simulation

Student Feedback

I was really excited to begin this activity and officially kickstart the practical aspect of this subject. I chose the clamp based on the guide on the front of my clamp pack (I chose W7 initially for the isolation of the 36) and used this for both the benchtop and first manikin exercise. I didn't struggle too much with punching the dam, putting the clamp through the hole, or putting the clamp on the tooth, but I found it slightly difficult to then stretch the dam around the tooth and to bring the beaks of the clamp above the dam (as it was wingless and was initially under the dam). I also found that I was pinching the mesial gingiva quite a bit with the W7 clamp, so for Task 5 I ended up swapping to the 13A winged clamp and found this much easier for me. During Task 5, I also found that I punched the holes in the dam too close for the anterior teeth as I had trouble flossing all the material through in this area, which caused some microtears. However I didn't have this problem in the posterior areas so I believe the holes were appropriately spaced apart here. I attempted all three methods of secondary retention and found the floss ligature the easiest for me - I would ideally have liked to use the wedjet but I could not get it through the contact and broke it twice before I moved onto the floss, but I will try this again next session. I then found it slightly difficult to invert the dam at times as it was wrapped very tightly around each tooth and the flat plastic didn't seem thin enough to fit in between, but I got there in the end. My main takeaways from the tasks today are to take my time so that I minimise tears, pay attention to the clamp contact points of the tooth to ensure proper isolation, and to think about spacing the holes apart appropriately based on which teeth are being isolated. Overall I really enjoyed today's session and I also feel like I learned a lot about my manual dexterity - I am looking forward to continuing preclinical sessions next week.

Assessor Feedback

Try to maintain your posture throughout procedure and keep shoulders relaxed

assessor_positioning_MC1

Yes

assessor_positioning_MC2

No

Rubric Scores

Rubric	Score
Time Management	3.0
Entrustment	2.0
Communication	2.0
Professionalism	2.0

Evaluation for DDI-DDS: Dental Dam Isolation (DDS)

Marking Checklist	Student	Educator	Critical
Nasal airway open and oral cavity covered	Yes	Yes	Yes
Chosen clamp fits securely around tooth	No	Yes	No
Clamp correctly secured with floss, floss is secured and contained	Yes	Yes	Yes
Clamp handling: wings and beaks exposed, no floss caught in beaks	Yes	Yes	Yes
Accessory retention appropriately placed (if applicable)	Yes	Yes	Yes
Dam secured to frame, frame correctly oriented	Yes	Yes	Yes
Appropriate number of teeth isolated	Yes	Yes	Yes
Dam flossed interproximally, including distal to the clamp	Yes	Yes	No
Dam inverted around all teeth	Yes	Yes	No
No large tears	No	Yes	Yes

Dental Dam Isolation (DDS) Score: 1.0 (Cutoff: 0.81)

Pass: True

Form 2: 03-04-2025

Items Performed

FS-DDS

student_id

1272644

Student Name

Bella Richardson

Assessor Name

Jenny liu

Date

03-04-2025

Cohort

DDS1

Type

Simulation

Student Feedback

I think my fissure seal ended up being good but there are a few things I will work on and need to remember for the future; finger rest on hard tissue, using the paddle when light curing, and taking the bur out of the handpiece once I have finished with it. My demonstrator gave me the all clear for cleaning the surface with pumice but I went ahead and etched whilst she was checking another students work, so I have marked the prep as not assessed (I will wait for her to check next time before moving on). The sealant felt smooth with no voids or air bubbles when running the probe over it in a zigzag motion at the end.

Assessor Feedback

Good job. Sealant was smooth.
Remember to not look at the curing light while you are curing the fissure sealant.

assessor_positioning_MC1

Yes

assessor_positioning_MC2

Yes

Rubric Scores

Rubric	Score
Time Management	4.0
Entrustment	3.0
Communication	2.0
Professionalism	2.0

Evaluation for FS-DDS: DDS1 FS

Marking Checklist	Student	Educator	Critical
Correct surface preparation prior to placement	NA	Yes	NA
Neat placement in fissure system	Yes	Yes	NA

DDS1 FS Score: 0 (Cutoff: N/A)

Pass:

Form 3: 03-04-2025

Items Performed

SOP-DDS, SOR-DDS

student_id

1272644

Student Name

Bella Richardson

Assessor Name

Jenny liu

Date

03-04-2025

Cohort

DDS1

Type

Simulation

Student Feedback

Prep: Inital access was slightly too lingual so lingual wall of prep was overextended. Also slightly overextended mesial, distal and buccal walls, but depth was ok. After removing caries, I still had some DEJ caries which I then removed. Then had some unsupported enamel and walls and floor of cavity were bumpy so went back in with the highspeed to smooth these out. During initial access had some iatrogenic damage from the highspeed as I didnt go far down enough before beginning to widen.

Resto: Because my cavity was slightly large, I ended up placing the composite resin in three increments. When I got to placing the final increment I ensured everything was packed in properly and was relatively smooth but I didn't remember to recreate tooth anatomy before I cured it and began polishing so I then ended up just placing composite on top and practicing recreating anatomy but did not cure it. I also had a tiny void/surface inconsistency after my final cure so I attempted to polish this off with an enhance cup but it was not doing much. I switched to the highspeed red band football bur but the angulation of the handpiece and bur was wrong so I ended up taking off a lot of the distolingual cusp! I polished everything at the end again with an enhance cup.

Assessor Feedback

Agree with your reflection comments

As we discussed, filling finishing resulted in some iatrogenic damage to teeth.

Good increments and fissure seal

assessor_positioning_MC1

Yes

assessor_positioning_MC2

Yes

Rubric Scores

Rubric	Score
Time Management	4.0
Entrustment	3.0
Communication	2.0
Professionalism	2.0

Evaluation for SOP-DDS: DDS1 SmOcc Prep

Marking Checklist	Student	Educator	Critical
Selective caries removal demonstrated: pulpal	Yes	Yes	Yes
Selective caries removal demonstrated: peripheral surfaces	Yes	Yes	Yes
DEJ is caries free	Yes	Yes	Yes
Cavity outline reflects extent of caries	No	No	Yes
Cavity depth reflects extent of caries	Yes	Yes	Yes
Cavosurface margins supported?	Yes	Yes	Yes
Internal surfaces smooth	Yes	Yes	No
Adjacent teeth/surfaces: no iatrogenic damage	No	No	Yes

DDS1 SmOcc Prep Score: 0.73 (Cutoff: 0.86)

Pass: False

Evaluation for SOR-DDS: DDS1 SmOcc Resto

Marking Checklist	Student	Educator	Critical
Composite handling: Homogenous	Yes	Yes	Yes
Surface finish smooth	Yes	Yes	No
Margins: No deficiency	Yes	Yes	Yes
Margins: No excess	Yes	No	No
Tooth morphology and contour resembles anatomy	No	No	No
Adjacent teeth/surfaces: No iatrogenic damage	No	No	Yes

DDS1 SmOcc Resto Score: 0.64 (Cutoff: 0.69)

Pass: False

Form 4: 10-04-2025

Items Performed

SOP-DDS, SOR-DDS, FS-DDS, DDI-DDS

student_id

1272644

Student Name

Bella Richardson

Assessor Name

Ari Barr

Date

10-04-2025

Cohort

DDS1

Type

Simulation

Student Feedback

Small tears in dental dam but good aside from that. Fissure system of 47 cleaned with pumice, etched and then conseal F placed - no catches or surface inconsistencies. Cavity prep - caries free surfaces achieved, internal surfaces could be smoother by adjusting movements and angulation of hand to reflect cavity shape. Cavity resto - two increments of composite resin placed, then conseal F on the

Assessor Feedback

Small tear in dental dam
Slight amount of adjacent tooth structure damage

assessor_positioning_MC1

Yes

assessor_positioning_MC2

Yes

Rubric Scores

Rubric	Score
Time Management	4.0
Entrustment	2.0
Communication	2.0
Professionalism	2.0

Evaluation for SOP-DDS: DDS1 SmOcc Prep

Marking Checklist	Student	Educator	Critical
Selective caries removal demonstrated: pulpal	Yes	Yes	Yes
Selective caries removal demonstrated: peripheral surfaces	Yes	Yes	Yes
DEJ is caries free	Yes	Yes	Yes
Cavity outline reflects extent of caries	Yes	Yes	Yes
Cavity depth reflects extent of caries	Yes	Yes	Yes
Cavosurface margins supported?	Yes	Yes	Yes
Internal surfaces smooth	No	Yes	No
Adjacent teeth/surfaces: no iatrogenic damage	Yes	Yes	Yes

DDS1 SmOcc Prep Score: 1.0 (Cutoff: 0.86)

Pass: True

Evaluation for SOR-DDS: DDS1 SmOcc Resto

Marking Checklist	Student	Educator	Critical
Composite handling: Homogenous	Yes	Yes	Yes
Surface finish smooth	No	Yes	No
Margins: No deficiency	Yes	Yes	Yes
Margins: No excess	Yes	Yes	No
Tooth morphology and contour resembles anatomy	Yes	Yes	No
Adjacent teeth/surfaces: No iatrogenic damage	No	No	Yes

DDS1 SmOcc Resto Score: 0.69 (Cutoff: 0.69)

Pass: True

Evaluation for FS-DDS: DDS1 FS

Marking Checklist	Student	Educator	Critical
Correct surface preparation prior to placement	Yes	Yes	NA
Neat placement in fissure system	Yes	Yes	NA

DDS1 FS Score: 0 (Cutoff: N/A)

Pass:

Evaluation for DDI-DDS: Dental Dam Isolation (DDS)

Marking Checklist	Student	Educator	Critical
Nasal airway open and oral cavity covered	Yes	Yes	Yes
Chosen clamp fits securely around tooth	Yes	Yes	No
Clamp correctly secured with floss, floss is secured and contained	Yes	Yes	Yes
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Appropriate number of teeth isolated	Yes	Yes	Yes
Dam flossed interproximally, including distal to the clamp	Yes	Yes	No
Dam inverted around all teeth	Yes	Yes	No
No large tears	Yes	Yes	Yes

Dental Dam Isolation (DDS) Score: 1.0 (Cutoff: 0.81)

Pass: True