Gwyneth Chua

Form 1: 28-03-2025

Items Performed

DDI-DDS

student_id

1277854

Student Name

Gwyneth Chua

Assessor Name

Audrey Choo

Date

28-03-2025

Cohort

DDS1

Type

Simulation

Student Feedback

Though the dental dam procedure proved challenging, I really enjoyed being able to put into practice what I had learnt from the videos and lectures. Some things I can improve on include making sure my bracket table was set up with all the dental instruments I needed to use including the mirror (for inverting the dam) and scissors (for snipping dam after use). This setup enables me to ensure I dont need to go back to the desk as I am completing the procedure. Also, I need to remember which quadrants I am working on, remembering that we count from the patients perspective. This is really important to ensure I am isolating and working on the correct teeth. I also learnt how to invert the dental dam, by either guiding my flat plastic around the gingival margin of the tooth, or gently probing it so that it inverts towards the gingiva. I have to ensure I use the mirror to invert the lingual surface of the mandibular teeth too! I also found putting on the clamp was a bit fiddly, but my demonstrator helped guide me and gave me some advice to stretch the dental dam over the clamp, and this was really helpful! Also, for the floss ligature, I need to ensure its tightened all the way to the cervical constriction of the tooth! I also missed a hole, so wasnt able to isolate one tooth - next time, I will ensure to count each tooth correctly and include a midline mark on the dental dam to help with my orientation. Overall, I really enjoyed this first session of dental dam isolation, and I have learnt a lot, ready for the next session!

Assessor Feedback

Set up all equipment needed for session on bracket table
One hole in dam missed, located between 46,45
Review quadrants, isolated 47 to 33 instead 37-44

assessor_positioning_MC1

Yes

assessor_positioning_MC2

Yes

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	Yes	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	No	No	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: 0.86 (Cutoff: 0.81)

Pass: True

Form 2: 03-04-2025

Items Performed

FS-DDS

student_id

1277854

Student Name

Gwyneth Chua

Assessor Name

Anna Dai

Date

03-04-2025

Cohort

DDS1

Type

Simulation

Student Feedback

Though my bucco-lingual width was good, my mesio-distal width of cavity prep was a bit too wide - this was mainly because I had trouble finding the caries. I took the time to regularly get my cavity prep checked by my demonstrator, who helped me learn how to check if there was unsupported enamel (by flicking the explorer against the side of the tooth and if I hear a "click" this would indicate unsupported enamel). I also made sure to have smooth rounded edges inside the cavity - this was to allow my the composite to fill the gaps smoothly. I also learnt that 4-5mm below the occlusal surface is where you would usually find the dental pulp - I had drilled a bit too deep and since it was a plastic tooth, I did not realise this. However, my demonstrator reassured me that in clinic, I would have seen a lot of bleeding once I reach the pulp. I also had pretty good success with my fissure sealant, and I learnt that 'less is more' and not overfilling means that I can still see the fissure system after putting on the sealant. I also learnt a lot regarding the overall process of how we open the 'access' with the high-speed handpiece (used for enamel), and then use the slow-speed handpiece for smoothing the edges and removing the caries. Slow-speed handpieces should be used to 80-100% of their max speed, whereas high-speed handpieces run only at one set speed. Overall, I think I achieved a very good cavity prep. Next time, I will finish it off with the polishing and finishing.

Assessor Feedback

A bit excessive with fissure sealant material

assessor_positioning_MC1

Yes

assessor_positioning_MC2

Yes

Rubric Scores

Rubric	Score
Time Management	2.0
Entrustment	2.0
Communication	2.0
Professionalism	1.0

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:

Form 3: 03-04-2025

Items Performed

SOP-DDS, SOR-DDS, FS-DDS

student_id

1277854

Student Name

Gwyneth Chua

Assessor Name

Anna Dai

Date

03-04-2025

Cohort

DDS1

Type

Simulation

Student Feedback

Though my bucco-lingual width was good, my mesio-distal width of cavity prep was a bit too wide - this was mainly because I had trouble finding the caries. I took the time to regularly get my cavity prep checked by my demonstrator, who helped me learn how to check if there was unsupported enamel (by flicking the explorer against the side of the tooth and if I hear a "click" this would indicate unsupported enamel). I also made sure to have smooth rounded edges inside the cavity - this was to allow my the composite to fill the gaps smoothly. I also learnt that 4-5mm below the occlusal surface is where you would usually find the dental pulp - I had drilled a bit too deep and since it was a plastic tooth, I did not realise this. However, my demonstrator reassured me that in clinic, I would have seen a lot of bleeding once I reach the pulp. I also had pretty good success with my fissure sealant, and I learnt that 'less is more' and not overfilling means that I can still see the fissure system after putting on the sealant. I also learnt a lot regarding the overall process of how we open the 'access' with the high-speed handpiece (used for enamel), and then use the slow-speed handpiece for smoothing the edges and removing the caries. Slow-speed handpieces should be used to 80-100% of their max speed, whereas high-speed handpieces run only at one set speed. Overall, I think I achieved a very good cavity prep. Next time, I will finish it off with the polishing and finishing.

Assessor Feedback

Cavity prep too deep into pulp - check periodically when using highspeed to ensure not extending too far pulpally. Make sure to round internal surfaces, check with sickle probe for any catches.

(Dont forget to pin fringe back)

assessor_positioning_MC1

Yes

assessor_positioning_MC2

Yes

Rubric Scores

Rubric	Score
Time Management	3.0
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	No	Yes
Cavity depth reflects extent of caries	No	No	Yes
Cavosurface margins supported?	Yes	Yes	Yes
Internal surfaces smooth	Yes	No	No
Adjacent teeth/surfaces: no iatrogenic damage	Yes	Yes	Yes

DDS1 SmOcc Prep Score: 0.69 (Cutoff: 0.86)

Pass: False

Evaluation for SOR-DDS: DDS1 SmOcc Resto

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

DDS1 SmOcc Resto Score: (Cutoff: 0.69)

Pass:

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:

Form 4: 10-04-2025

Items Performed

FS-DDS, DDI-DDS

student_id

1277854

Student Name

Gwyneth Chua

Assessor Name

Charles Hui

Date

10-04-2025

Cohort

DDS1

Type

Simulation

Student Feedback

Put the dam at the corners first (doing one side at the time), then do the middles on each side then do the central one. Need to put the dental dam a bit higher (not too close to corner), make it higher so that the oral cavity isnt blocked.

Make sure I follow the curvature of dam over the mouth. First place you put the dam, will dictate the rest of where the dam sits.

Expect to have little holes at the anterior teeth just cause thats how the dental dam is in nature.

Place fissure sealant - mesially to distally

Rubric Scores

Rubric	Score
Time Management	
Entrustment	
Communication	
Professionalism	

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	No	No	Yes
Chosen clamp fits securely around tooth	Yes	Yes	No
Clamp correctly secured with floss, floss is secured and contained	No	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	No	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	No	Yes

Dental Dam Isolation (DDS) Score: 0.73 (Cutoff: 0.81)

Pass: False