

Sickle Scalers

Total points 100/100 

This clinical competency is performed on students-partners. Faculty will assign 2 anterior and 2 posterior teeth and assign aspect (F/L).

If a tooth is missing or can not be instrumented due to other reasons inform the faculty immediately, so a different tooth could be assigned.

Faculty: Please vary assigned teeth between maxilla and mandible.

Students: remember that the entire tooth surface assigned must be instrumented. For example: on anterior teeth, surfaces towards and away on the assigned aspect (facial/lingual).

This clinical competency is worth 10% of the total clinic grade.

0 of 0 points

Student Code *

123

Anterior teeth

50 of 50 points

Teeth assigned, include aspect (F/L) *

24,25 F



Positioning/Ergonomics 2 pts each task (up to 10 pts) *

	S	U	Score
Patient is in proper position for area to be treated	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Bracket tray within easy reach & instruments are in proper/neat order in cassette holder	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Unit light is positioned at arms length, in proper position in relation to treatment area. Illumination of treatment area is maintained throughout instrumentation	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Assumes the recommended clock position for area to be explored	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Establishes & maintains neutral positioning	<input checked="" type="radio"/>	<input type="radio"/>	2/2



Instrument Grasp: Dominant Hand (2 pts each, up to 8 pts) *

	S	U	Score
Grasps handle with the tips of finger pads of index finger & thumb so that these fingers are opposite each other on the handle but do NOT touch or overlap	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Rests pad of middle finger lightly on instrument shank; middle finger is in contact with fulcrum finger	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Positions the thumb, index, and middle fingers in the "knuckles up" convex position; hyper-extended joint position is avoided	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Maintains a relaxed grasp; fingers are NOT blanched in the grasp	<input checked="" type="radio"/>	<input type="radio"/>	2/2



Non-dominant Hand (1 pt each, up to 2 points) *

	S	U	Score
Appropriate fulcrum method is used	<input checked="" type="radio"/>	<input type="radio"/>	1/1
Mouth mirror used appropriately for retraction and/or indirect vision or illumination, finger retraction used anteriorly	<input checked="" type="radio"/>	<input type="radio"/>	1/1



Technique 2 pts each (up to 20 pts) *

	S	U	Score
Establishes & maintains secure finger rest that is appropriate for the tooth to be treated. Fulcrum finger is straight, supporting the weight of the hand & instrument; fulcrum finger position is "advanced/ahead of" the other fingers in the grasp	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Adaptation: Tip 3rd used & in contact with surface; pivots & rolls handle to maintain adaptation	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Angulation: Between 70-80 degrees (terminal shank tilted slightly toward the tooth surface)	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Activation: Demonstrates using a short, biting stroke in a coronal direction to snap a deposit from the tooth; does NOT close face against tooth surface during activation	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Correct stroke direction used for	<input checked="" type="radio"/>	<input type="radio"/>	2/2



tooth surface

Maintains

appropriate lateral
pressure against the
tooth throughout the
stroke while
maintaining control
of the working end



2/2

Thoroughly

instruments proximal
surfaces below each
contact area



2/2

Uses hand as a unit
(wrist activation),
does NOT pull with
thumb & index finger
(digital)



2/2

Sequence: Surfaces
toward & away,
beginning at midline
of tooth



2/2

Maintains neutral
wrist position
throughout motion
activation



2/2



Proper tooth/working end selection 5 pts each (up to 10 pts) *

	S	U	Score
Selects correct tooth/teeth to be instrumented	<input checked="" type="radio"/>	<input type="radio"/>	5/5
Selects correct working-end for tooth surfaces to be explored	<input checked="" type="radio"/>	<input type="radio"/>	5/5

Comments/feedback *

Excellent!

Posterior teeth

50 of 50 points

Teeth assigned, include aspect (F/L) *

13,14 B



Positioning/Ergonomics 2 pts each task (up to 10 pts) *

	S	U	Score
Patient is in proper position for area to be treated	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Bracket tray within easy reach & instruments are in proper/neat order in cassette holder	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Unit light is positioned at arms length, in proper position in relation to treatment area. Illumination of treatment area is maintained throughout instrumentation	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Assumes the recommended clock position for area to be explored	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Establishes & maintains neutral positioning	<input checked="" type="radio"/>	<input type="radio"/>	2/2



Instrument Grasp: Dominant Hand (2 pts each, up to 8 pts) *

	S	U	Score
Grasps handle with the tips of finger pads of index finger & thumb so that these fingers are opposite each other on the handle but do NOT touch or overlap	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Rests pad of middle finger lightly on instrument shank; middle finger is in contact with fulcrum finger	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Positions the thumb, index, and middle fingers in the "knuckles up" convex position; hyper-extended joint position is avoided	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Maintains a relaxed grasp; fingers are NOT blanched in the grasp	<input checked="" type="radio"/>	<input type="radio"/>	2/2



Non-dominant Hand (1 pt each, up to 2 pts) *

	S	U	Score
Appropriate fulcrum method is used	<input checked="" type="radio"/>	<input type="radio"/>	1/1
Mouth mirror used appropriately for retraction and/or indirect vision or illumination	<input checked="" type="radio"/>	<input type="radio"/>	1/1

Proper tooth/working end selection (5 pts each, up to 10 pts) *

	S	U	Score
Selects correct tooth/teeth to be instrumented	<input checked="" type="radio"/>	<input type="radio"/>	5/5
Selects correct working-end for tooth surfaces to be explored	<input checked="" type="radio"/>	<input type="radio"/>	5/5



Technique 2 pts each (up to 20 pts) *

	S	U	Score
Establishes & maintains secure finger rest that is appropriate for the tooth to be treated. Fulcrum finger is straight, supporting the weight of the hand & instrument; fulcrum finger position is "advanced/ahead of" the other fingers in the grasp	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Adaptation: Tip 3rd used & in contact with surface; pivots & rolls handle to maintain adaptation	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Angulation: Between 70-80 degrees (terminal shank tilted slightly toward the tooth surface)	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Activation: Demonstrates using a short, biting stroke in a coronal direction to snap a deposit from the tooth; does NOT close face against tooth surface during activation	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Correct stroke direction used for	<input checked="" type="radio"/>	<input type="radio"/>	2/2



tooth surface

Maintains appropriate lateral pressure against the tooth throughout the stroke while maintaining control of the working end



2/2

Thoroughly instruments proximal surfaces below each contact area



2/2

Uses hand as a unit (wrist activation), does NOT pull with thumb & index finger (digital)



2/2

Maintains neutral wrist position throughout motion activation



2/2

Sequence: Begins at distal line angle & proceeds distally. Removes explorer & reinserts at distal line angle proceeding to mesial



2/2

Comments/feedback *

Excellent!

Deductions, Grading, and Feedback

0 of 0 points



Any deductions from this section are applied to the total clinical competency grade

Deductions for Professionalism: appearance, demeanor, attitude, composure, honesty -5 points from total grade

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Deductions for Infection Control or Safety Violation(s) 5 points/violation from total grade

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Faculty *

KV

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