

Instrumentation Final

Total points 100/100 ?

This your final instrumentation exam for DEN 1100. It is worth 20% of your total clinic grade. This exam will be performed on assigned partners. You will be evaluated on your ergonomics, instrument grasp, instrumentation technique, professionalism and infection control. Your skills will be evaluated by 2 faculty members (final grade averaged after submission) to minimize bias and assure faculty calibration. You will be asked to use the following 5 instruments: Periodontal Probe, 11/12 Explorer, Anterior Sickle Scaler, Universal Curet, and Posterior Area-Specific curets. Faculty will assign 2-3 teeth and surfaces (F/L) for each instrument.

Faculty: Please vary the teeth/quadrants for each of the instruments. If the student is unable to identify Universal tooth number, deduct 5 points for each error. If incorrect working end of the instrument is used, it will result automatic 5 point deduction per instrument.

Students: There will be NO PRACTICE TIME prior to your exam, you had been practicing throughout the semester and had been previously tested on most of the assigned instruments. Please remember and incorporate your faculty's feedback from previous clinical sessions and competencies. Once your exam is finished, dismiss your "patient" and proceed to cleaning your unit as quietly as possible (other students are still taking their exams). You are required to stay for the duration of the entire clinical session.

0 of 0 points

Student Code *

ABC

Periodontal Probe

20 of 20 points

Periodontal Probe: area/teeth assigned, include aspect (F/L). Please note student's performance on 1 anterior and 1 posterior tooth. *

7, 14



Evaluation criteria (technique only): *

	S	U	Score
Operator positioning (neutral) 2pts	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Patient positioning (occlusal planes) 2pts	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Instrument grasp 2 pts	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Fulcrum: establishes intraoral fulcrum close to working area) 2 pts	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Insertion (to the base of the pocket/sulcus) 2 pts	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Adaptation (parallel to the root surface) 3 pts	<input checked="" type="radio"/>	<input type="radio"/>	3/3
Stroke (walking stroke) 3 pts	<input checked="" type="radio"/>	<input type="radio"/>	3/3
Motion (either wrist or digital motion is acceptable) 2 pt	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Retraction 1 pt	<input checked="" type="radio"/>	<input type="radio"/>	1/1
Illumination 1 pt	<input checked="" type="radio"/>	<input type="radio"/>	1/1



Notes and Feedback *

discussed

11/12 explorer

20 of 20 points

teeth assigned, include aspect (F/L). *

11,12 L



Evaluation criteria *

	S	U	Score
Operator positioning (neutral): 1 pts	<input checked="" type="radio"/>	<input type="radio"/>	1/1
Patient positioning (occlusal planes) 1pts	<input checked="" type="radio"/>	<input type="radio"/>	1/1
Instrument Grasp (Modified Pen Grasp) 2 pts	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Fulcrum (steady, intraoral, close to the working area) 2 pts	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Adaptation: Tip 3rd used & in contact with surface; pivots & rolls handle to maintain adaptation 3 pts	<input checked="" type="radio"/>	<input type="radio"/>	3/3
Insertion (no tissue trauma, start at the distal line angle): 2 pts	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Uses vertical, overlapping strokes of appropriate length 3 pts	<input checked="" type="radio"/>	<input type="radio"/>	3/3
Motion: hand works as unit; no digital motion 2 pts	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Does NOT remove tip from sulcus/pocket with each stroke	<input checked="" type="radio"/>	<input type="radio"/>	2/2



Retraction 1pt



1/1

Illumination 1pt



1/1

Notes and Feedback *

discussed

Anterior Sickle Scaler

20 of 20 points

Anterior Scaler: area/teeth assigned, include aspect (F/L). Please note student's *
performance on surfaces TOWARDS and AWAY

23,24 L



Evaluation criteria *

	S	U	Score
Operator positioning (neutral): 1 pts	<input checked="" type="radio"/>	<input type="radio"/>	1/1
Patient positioning (occlusal planes) 1pts	<input checked="" type="radio"/>	<input type="radio"/>	1/1
Instrument Grasp (Modified Pen Grasp) 2 pts	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Fulcrum (steady, intraoral, close to the working area) 2 pts	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Adaptation (uses anterior 1/3 of the blade) 3 pts	<input checked="" type="radio"/>	<input type="radio"/>	3/3
Insertion (no tissue trauma, start at the midline): 2 pts	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Angulation: 70-80 degrees, shank correctly aligned towards the tooth surface) 3 pts	<input checked="" type="radio"/>	<input type="radio"/>	3/3
Motion: hand works as unit; no digital motion 2 pts	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Stroke -modifies pressure between exploratory and effective calculus removal stroke, short, controlled. 2 pts	<input checked="" type="radio"/>	<input type="radio"/>	2/2



Retraction 1pt



1/1

Illumination 1pt



1/1

Notes and Feedback *

Written feedback provided

Universal Curet

20 of 20 points

Universal Curet: area/teeth assigned include aspect (F/L). *

19,20 L



Evaluation criteria *

	S	U	Score
Operator positioning (neutral): 1 pts	<input checked="" type="radio"/>	<input type="radio"/>	1/1
Patient positioning (occlusal planes) 1pts	<input checked="" type="radio"/>	<input type="radio"/>	1/1
Instrument Grasp (Modified Pen Grasp) 2 pts	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Fulcrum (steady, intraoral, close to the working area) 2 pts	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Adaptation (uses anterior 1/3 of the blade) 2 pts	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Insertion (no tissue trauma, establishes 0°- 40° angulation (face hugs tooth) in preparation for insertion, start at the midline): 3 pts	<input checked="" type="radio"/>	<input type="radio"/>	3/3
Angulation: establishes & maintains throughout (terminal shank parallel to surface) 3 pts	<input checked="" type="radio"/>	<input type="radio"/>	3/3
Motion: hand works as unit; no digital motion 2 pts	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Stroke -modifies pressure between			



exploratory and effective calculus removal stroke, short, controlled. 2 pts



2/2

Retraction 1pt

Illumination 1pt



1/1

Illumination 1pt



1/1

Notes and Feedback *

Feedback discussed

Posterior Area Specific Curet (Gracey 15/16 and 17/18)

20 of 20 points

Posterior Area Specific Curet: areas/teeth assigned, include aspect (F/L) *

29,30 L



Evaluation criteria *

	S	U	Score
Operator positioning (neutral): 1 pts	<input checked="" type="radio"/>	<input type="radio"/>	1/1
Patient positioning (occlusal planes) 1pts	<input checked="" type="radio"/>	<input type="radio"/>	1/1
Instrument Grasp (Modified Pen Grasp) 2 pts	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Fulcrum (steady, intraoral, close to the working area) 2 pts	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Adaptation (uses anterior 1/3 of the blade) 2 pts	<input checked="" type="radio"/>	<input type="radio"/>	2/2
Insertion (no tissue trauma, establishes 0°- 40° angulation (face hugs tooth) in preparation for insertion, start at the distal line angle): 3 pts	<input checked="" type="radio"/>	<input type="radio"/>	3/3
Angulation: establishes & maintains throughout (terminal shank parallel to the tooth surface) 3 pts	<input checked="" type="radio"/>	<input type="radio"/>	3/3
Motion: hand works as unit; no digital motion 2 pts	<input checked="" type="radio"/>	<input type="radio"/>	2/2

Stroke -modifies

pressure between
exploratory and
effective calculus
removal stroke,
short, controlled. 2
pts

2/2

Retraction 1pt

1/1

Illumination 1pt

1/1

Notes and Feedback *

in grade book

Deductions

0 of 0 points

Any deductions from this section will apply to the total exam grade

Deductions for Professionalism: appearance, demeanor, attitude, composure, honesty (up to 5 points from total grade)

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



Deduction for failure to identify Universal tooth number (5 pts/error)

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Deduction for failure to identify correct working end (5 pts/instrument)

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Faculty *

KV

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