

Course #, Course Name PCC 107 CD Clinical Endodontics II		Examiner Name	Exam Date
Student Name	Student ID	Examiner Signature	Start Time
Patient EHR # (if applicable)		Final Score	End Time
			Total:
Exam Name Endodontic Emergency CE		Passing Score: ≥ 34	This is an individual, high stakes exam.
		Total Possible: 49	

Examiner name, exam date/start time, student name/ID, patient EHR# above must be completed before the exam can begin.

CODA Competency 2-10, Critical Thinking and Problem-Solving; 2-17, Treating Diverse Patients; 2-22, Scientific and Lay Literature; 2-24a, Patient Assess, Tx Planning & Prognosis; 2-24e, Local Anesthesia; 2-24j, Pulp Therapy; 2-24m, Dental Emergencies	SOD Competency 2- Applies course-based knowledge; 4- Assessment, diagnosis, treatment planning; 5- Delivers safe and effective care to a diverse patient pool; 11- Safe and effective procedural skills
Exam Instructions <input type="checkbox"/> Treatment is planned and approved in electronic health record. <input type="checkbox"/> Tooth should have reasonable chance of being restorable. <input type="checkbox"/> It is strongly suggested that the selected tooth is an anterior or bicuspid (single or two canals), though molars may be attempted. <input type="checkbox"/> Exam must be completed in one clinic session.	Learning Objectives <input type="checkbox"/> Perform and interpret pulp vitality tests to formulate an endodontic diagnosis prior to starting endodontic treatment. <input type="checkbox"/> Perform appropriate safe non-surgical endodontic treatment and endodontic emergency procedures to alleviate patient's symptoms. <input type="checkbox"/> Discusses risks, benefits, and alternatives of treatment prior to initiating non-surgical endodontic treatment and endodontic emergency procedures.
Outcome if Fail The exam is a 'No Pass' if the score is < 70%, or if there are any critical errors, or if the exam is not completed within the allotted time. The student is encouraged to seek guidance from the faculty examiner and/or course director for re-learning, and then must attempt the exam again, when deemed ready, on a different patient as advised by the faculty examiner and their clinical coach.	
Case Selection Criteria N/A	

FACTOR 1: PRETREATMENT CLINICAL TESTING AND RADIOGRAPHIC IMAGING				
4 – Optimal	3	2	1	0 – Critical errors
<ul style="list-style-type: none"> Clinical tests & radiographic imaging completed & recorded accurately Radiographic images are of diagnostic quality. 	Slight deviation from optimal: Clinical tests & radiographic imaging completed & recorded accurately with minor discrepancies.	Moderate deviation from optimal: Some clinical tests & radiographic images are lacking but diagnosis can be determined.	Multiple/Major deviation(s) from optimal: Some clinical tests & radiographic images are lacking & diagnosis is questionable.	<ul style="list-style-type: none"> Clinical tests & radiographic images are lacking & diagnosis CANNOT be determined Radiographic images are missing or are NOT of diagnostic quality <p><u>Any critical error will result in automatic failure of the exam.</u></p>
Score Awarded:	Comments:			
FACTOR 2: ENDODONTIC DIAGNOSIS				
4 – Optimal	3	2	1	0 – Critical errors
Establishes correct pulpal & periapical diagnosis with accurate interpretation of clinical tests & radiographic images.	Slight deviation from optimal: Establishes correct pulpal and periapical diagnosis with accurate interpretation, but missing one clinical test and/or radiographic image.	Moderate deviation from optimal: Establishes correct pulpal and periapical diagnosis with adequate interpretation, but missing multiple clinical tests and/or radiographic images that do NOT impact diagnosis.	Multiple/Major deviation(s) from optimal: Establishes inaccurate pulpal or periapical diagnosis, & missing multiple clinical tests and radiographic images that impact diagnosis.	<ul style="list-style-type: none"> Demonstrates lack of understanding of endodontic diagnosis No clinical tests were done
Score Awarded:	Comments:			
FACTOR 3: ENDODONTIC TREATMENT PLAN				
4 – Optimal	3	2	1	0 – Critical errors
<ul style="list-style-type: none"> Prognosis of treatment outcomes determined Comprehensive evaluation of medical & dental history Selects appropriate treatments based on clinical evidence Understands complexities of the case such that all treatment risks identified Informed consent obtained including alternative treatments. 	Slight deviation from optimal: <ul style="list-style-type: none"> Prognosis of treatment outcomes determined & adequate evaluation of medical & dental history Selects appropriate treatment(s) Significant treatment risks identified Informed consent obtained. 	Moderate deviation from optimal: Prognosis of treatment outcomes determined & minimal evaluation of one of the following: <ul style="list-style-type: none"> Medical or dental history; Appropriate treatment(s) selected Most treatment risks identified; Informed consent obtained 	Multiple/Major deviation(s) from optimal: <ul style="list-style-type: none"> Prognosis of treatment outcomes unclear; Inadequate evaluation of medical and dental history despite appropriate treatment selected Key treatment risks NOT identified. 	<ul style="list-style-type: none"> Demonstrates lack of evaluation of relevant medical & dental history Inappropriate treatment planning No treatment risks identified No informed consent obtained Demonstrates inappropriate case selection Prognosis of treatment outcomes NOT determined.
Score Awarded:	Comments:			

FACTOR 4: ANESTHESIA & PAIN CONTROL										
4 – Optimal		3		2		1		0 – Critical errors		
<ul style="list-style-type: none"> Thorough knowledge of technique and materials used Monitors vital signs and patient response throughout anesthesia Anesthesia administration effective. 		Slight deviation from optimal: <ul style="list-style-type: none"> Thorough knowledge of technique Profound anesthesia achieved Monitors patient response throughout anesthesia 		Moderate deviation from optimal: <ul style="list-style-type: none"> Can proceed with treatment without faculty assistance Adequate anesthesia achieved. 		Multiple/Major deviation(s) from optimal: <ul style="list-style-type: none"> Elements of anesthesia or pain control absent but patient care NOT compromised. 		<ul style="list-style-type: none"> Incorrect anesthetic technique Inadequate pain control and patient care compromised Required faculty assistance. 		
Score Awarded:		Comments:								
FACTOR 5: CARIES REMOVAL, REMOVAL OF FAILING RESTORATIONS, EVALUATION OF RESTORABILITY AND SITE ISOLATION										
4 – Optimal		3		2		1		0 – Critical errors		
<ul style="list-style-type: none"> Complete removal of visible caries Removal of failing restoration Establishes complete structural restorability Achieves complete isolation with dental dam 		Slight deviation from optimal: <ul style="list-style-type: none"> No visible caries and failing restorations removed Establishes significant aspects of structural restorability and achieves effective isolation with dental dam 		Moderate deviation from optimal: <ul style="list-style-type: none"> No visible caries present Establishes likely restorability and achieves adequate isolation with dental dam 		Multiple/Major deviation(s) from optimal: <ul style="list-style-type: none"> Caries removal compromised that potentially impacts procedure Compromised coronal seal 		<ul style="list-style-type: none"> Gross visible caries Failing restoration present Non-restorable excluding medical indications Ineffective isolation. 		
Score Awarded:		Comments:								
FACTOR 6: ACCESS OPENING										
4 – Optimal		3		2		1		0 – Critical errors		
<ul style="list-style-type: none"> Optimum outline and access form with no obstructions All canals identified Roof and pulp horns removed 		Slight deviation from optimal: <ul style="list-style-type: none"> Slight under-extension of outline form but walls smooth but all canals identified and roof and pulp horns removed 		Moderate deviation from optimal: <ul style="list-style-type: none"> Moderate under- or over-extension of outline form Minor irregularities for wall smoothness but all canals identified and roof and pulp horns removed 		Multiple/Major deviation(s) from optimal: <ul style="list-style-type: none"> Crown integrity compromised by over-extension but tooth remains restorable All canals identified but minor roof and pulp horns remain 		<ul style="list-style-type: none"> Tooth is NOT restorable after access procedure or perforation Structural compromise Canal(s) missed or unidentified 		
Score Awarded:		Comments:								
Factor 1	Factor 2	Factor 3	Factor 4	Factor 5	Factor 6	TOTAL SCORE				
___/4	___/4	___/4	___/4	___/4	___/4	___/24				

FACTOR A: CRITICAL THINKING							
5	4	3	2	1	0	Score	Comments
Identifies clinical problem; critically interprets available evidence and understands nuance; coherently analyzes and defends clinical choices; synthesizes clinical findings with evidence to provide a persuasive argument for the best option(s); has insight into his/her own reasoning and decision-making.	Identifies clinical problem; gathers and critiques valid evidence; makes inferences about how evidence will relate to patient outcomes; describes the implications of various choices based on evidence; identifies best options based on the above.	Identifies clinical problem; gathers and discusses valid evidence and rejects inferior evidence; describes his/her reasoning process superficially; elaborates some options based on findings the above.	Identifies clinical problem; gathers basic clinical information and scientific evidence to aid in decision-making.	Identifies problem or question of interest, but is unable to reason further.	Learner cannot identify the problem of interest, is unable to gather information that would aid in decision-making, and bases decisions on opinions OR anecdotes rather than evidence.		
FACTOR B: COMMUNICATION & DIVERSE PATIENT POOL							
5	3	0	Score				Comments
Does not turn back to patient. At or below eye level when speaking with patient. Communicates respectfully with patient taking into account health literacy. Recognizes need for and uses interpreter as appropriate. Discusses and incorporates patient's health-related beliefs- as related to culture, religion, etc.- into treatment plan or treatment.	Mostly does not turn back to patient. Mostly is at or below eye level when speaking with patient. Communicates respectfully with patient, taking into account health literacy. Does not recognize need for interpreter OR does not discuss or incorporate patient's health-related beliefs.	ANY of the following will result in a critical error: Overtly disrespectful OR recognizes need for interpreter and does not arrange for interpreter services OR disrespectfully discredits patient's beliefs.					
FACTOR C: INFECTION CONTROL							
5	3	0	Score				Comments
Provider PPE appropriately worn throughout procedure and during cubicle breakdown including mask, gloves, protective eyewear, tied gown, closed shoes. Hair out of working space. Nametag on. Hand hygiene performed. Clean and contaminated areas maintained. No cross- contamination. Sharps are capped when on table.	Provider PPE worn mostly appropriately, but gown untied OR eyewear worn after clean gloves OR eyewear is not fully enclosed OR hair in face but has not touched treatment area	ANY of the following will result in a critical error: Gross cross- contamination including clean items placed in area of trash receptacle. PPE for patient or provider not worn during cubicle breakdown or while instruments are being used. Hair touches treatment area. Nametag not worn. Sharps uncapped on table.					

FACTOR D: PRIDE VALUES AND PROFESSIONALISM					
5	3	1	0	Score	Comments
Treats patient, peers, staff, and faculty with respect & contributes to a positive work environment. Puts patients' needs before own. Punctual and prepared. Displays honesty, integrity, and accountability.	Treats patient, peers, staff, and faculty with respect though may not contribute to a positive environment. Puts patients' needs first. Punctual and mostly prepared. Displays honesty, integrity, and accountability.	Prioritizes own needs ahead of patient care (patient safety is not compromised) or best practices, late or unprepared for patient care, disregards clinic safety measures.	ANY of the following will result in a critical error: Academic dishonesty, unethical behavior OR Treats patient, peers, staff, or faculty with gross disrespect OR Breaches clinic safety measures (start checks, unsupervised practice, unauthorized change of treatment plan, etc).		
FACTOR E: SELF-ASSESSMENT					
5	3	0	Score	Comments	
Accurately assesses MOST strengths and areas for improvement in clinical performance, including patient management, infection control, and professionalism.	Accurately assesses SOME strengths and areas for improvement in clinical performance, including patient management, infection control, and professionalism.	Grossly inaccurate in ability to assess strengths and areas for improvement in clinical performance, including patient management, infection control, and professionalism.			
FACTORS A-E TOTAL SCORE				___/25	

SUMMARY OF SCORES/SUM OF SCORES:

Factors 1-6	Factors A-E	TOTAL SCORE
___/24	___/25	___/49
Pass ≥34		

Any critical errors? Yes / No
Exam completed on time? Yes / No
<i>Any critical error or exam not completed on time will result in automatic failure of the exam.</i>

Outcome (circle one)	
PASS	FAIL