

Learning Assessment of Core Outcomes

Suggested Focus 2009-2010: Critical Thinking and Problem Solving

SAC Name: Dental Assisting

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1. Please describe your plan of action for 2009-2010 Academic Year:

Objective Structured Clinical Examinations

The objective of these examinations is to show that students can correctly complete the assigned lab projects without coaching or instruction.

The students must choose and gather necessary items, materials, supplies, to complete the assigned project. The student must then correctly complete the assigned project in a timely manner.

- Demonstrate dental unit preparation, patient preparation for a dental restoration procedure
- Correctly mount a full mouth set of radiographs
- Produce a diagnostic set of patient study models

2. When your project is completed, please describe the method(s) you used:

DA 111, Clinical Procedures Lab 1 Final Project: Prepare dental unit and patient for dental restoration

1. Student **must** wear proper clinical attire and have gloves, mask, glasses, air/water syringe tip, HVE suction, saliva ejector and BP equipment assembled. (25 points)
2. Demonstrate turning the dental unit on and off. Explain turning on suction on and off. Explain how to prepare unit for patient use. (25 points)
3. Demonstrate disinfection/barrier technique on dental unit for suctioning procedure. Points 5 minute time limit. (25 points)
4. Demonstrate obtaining vital signs. BP _____ RESP _____ PULSE _____
5 minute time limit. (30 points)
5. Demonstrate assembling the anesthetic, needle, carpule, and syringe. Pass to instructor and disassemble correctly. 3 minute time limit. (25points)

DA 121, Radiology Lab 1 Final Project: Mount a FMX (Full Mouth Set of X-rays)

1. Identify all anatomical landmarks in each film
2. Identify if the dot is concave or convex (films must be place with dot convex)
3. Determine Maxillary, Mandibular, left and right areas
4. Place each film in the correct mount space
5. Accomplish this task correctly in 5 (five) minutes

Grading: 3 points for each correctly placed film...total 54 points...../54

DA 130 Final Project: Produce a diagnostic set of patient study models

+Completed= 1 point

-Unable to complete=0 points

Procedure: Mandibular and Maxillary Alginate impression on a Manikin/typodont

- a. safety glasses, gloves and mask_____
- b. smooth mix of alginate_____
- c. teeth centered in tray_____
- d. all teeth recorded_____
- e. all soft tissue recorded_____
- f. clean all equipment_____
- g. Completes project independently_____

Procedure: Pour the Mandibular and Maxillary alginate impression in dental lab stone/double pour method

- a. safety glasses, gloves and mask_____
- b. stone free of voids_____
- c. rough trim of model_____
- d. adequate base (2-2.5 inch)_____
- e. All teeth and anatomy preserved, no broken or chipped teeth_____
- f. Clean all equipment_____
- g. Completes project independently_____

3. What did you learn?

DA 111: Acceptional evaluation techniques after several years of changing and improving them.

DA 121: To set a basic understanding prior to patient care.

DA 130: To set clear, gradable objectives.

4. What changes, if any, are you making or recommending as a result?

The Dental assisting SAC proposes to expand this style of evaluation method to include all lab classes in the program fall term 2010. The purpose of this proposal is to balance the emphasis in determining the student's pre-clinical skills in the Dental Clinic, Dental Radiology and Dental Materials courses to meet department objectives.

5. Follow up in 2010-2011 based on any changes you have made:

Continue to evaluate the process of testing. Design tests to correlate courses more efficiently that will reflect desired outcome prior to independent patient care.

6. Explanation: Each SAC is asked to do some learning assessment activity focused on the above outcome (or other, if appropriate). The idea is that each SAC does something in order to help the college understand how we individually or collectively are helping students to achieve this core outcome.

For Core Outcomes, see: <http://www.pcc.edu/resources/academic/core-outcomes/index.html>)

For further guidance, see: <http://www.pcc.edu/resources/academic/learning-assessment/>

(Dates: January 15, 2010: #1 completed; May 14, 2010: 2-4 completed)

