

Program-Level Assessment: Annual Report

Program: Pediatric Dentistry

Department:

Degree or Certificate Level: Professional

College/School: Center for Advanced Dental Education

Date (Month/Year): 11/2020

Primary Assessment Contact: Dan Stoeckel

In what year was the data upon which this report is based collected? 2019

In what year was the program's assessment plan most recently reviewed/updated? 2019

1. Student Learning Outcomes

Which of the program's student learning outcomes were assessed in this annual assessment cycle?

Clinical experiences
Didactic curriculum

2. Assessment Methods: Artifacts of Student Learning

Which artifacts of student learning were used to determine if students achieved the outcome(s)? Please identify the course(s) in which these artifacts were collected. Clarify if any such courses were offered a) online, b) at the Madrid campus, or c) at any other off-campus location.

Resident evaluations and interviews.
Clinical procedures completed.

3. Assessment Methods: Evaluation Process

What process was used to evaluate the artifacts of student learning, and by whom? Please identify the tools(s) (e.g., a rubric) used in the process and include them in/with this report.

The information was discussed by the faculty.
Clinical data (clinic procedures and production) was evaluated.

4. Data/Results

What were the results of the assessment of the learning outcome(s)? Please be specific. Does achievement differ by teaching modality (e.g., online vs. face-to-face) or on-ground location (e.g., STL campus, Madrid campus, other off-campus site)?

The program needed to increase the number of restorative experiences in the dental clinic.
The program needed a more structured didactic pediatric dentistry specific curriculum.

5. Findings: Interpretations & Conclusions

What have you learned from these results? What does the data tell you?

A more structured course format was necessary with more frequent assessment.
An additional dental assistant position will need to be created to add more opportunity to complete restorative procedures in the dental clinic.

6. Closing the Loop: Dissemination and Use of Current Assessment Findings

A. When and how did your program faculty share and discuss these results and findings from this cycle of assessment?

Faculty meeting

B. How specifically have you decided to use these findings to improve teaching and learning in your program? For example, perhaps you've initiated one or more of the following:

Changes to the Curriculum or Pedagogies

- Course content
- Teaching techniques
- Improvements in technology
- Prerequisites

- Course sequence
- New courses
- Deletion of courses
- Changes in frequency or scheduling of course offerings

Changes to the Assessment Plan

- Student learning outcomes
- Artifacts of student learning
- Evaluation process

- Evaluation tools (e.g., rubrics)
- Data collection methods
- Frequency of data collection

Please describe the actions you are taking as a result of these findings.

A new didactic curriculum is being implemented. There will be six pediatric dentistry courses of 6 to 10 weeks each that will be delivered over the two year curriculum. The content of the courses are based on the American Board of Pediatric Dentistry core curriculum. At the conclusion of each course a final exam will be given.

We are in the process of hiring a new dental assistant to increase the amount of restorative experiences the residents get in the dental clinic.

If no changes are being made, please explain why.

7. Closing the Loop: Review of Previous Assessment Findings and Changes

A. What is at least one change your program has implemented in recent years as a result of assessment data?

The increase in OR experiences for the residents.

B. How has this change/have these changes been assessed?

The impact of the change was assessed by tracking the number of OR cases completed by each resident.

C. What were the findings of the assessment?

The assessment showed that each residents is now getting over 100 operating room experiences during the two year program. Only 20 cases are required by accreditation standards.

D. How do you plan to (continue to) use this information moving forward?

We continue to monitor the number of cases performed by each resident to ensure adequate distribution among the residents and ensure the high number of these experiences continue.

IMPORTANT: Please submit any assessment tools and/or revised/updated assessment plans along with this report.