

Program Name: Doctor of Dental Medicine
Program Cycle: #2 9/1/13 to 8/31/14

1 Program Details

Program/Department Chair: Phillip Marucha

Program length: 4 Years

Admit by cohort: Yes

Authorized Award(s): Doctor of Dental Medicine (CIP Code: 51.0401)

Minimum number graded credit hours: 243 quarter credits

Program Website: <https://www.ohsu.edu/xd/education/schools/school-of-dentistry>

2 Program Purpose Statement

The School of Dentistry shares the mission of the Oregon Health & Science University to provide educational programs, basic and clinical research, and high quality care and community programs. We strive to foster an environment of mutual respect where the free exchange of ideas can flourish. The dental school prepares graduates in general dentistry and the dental specialties to deliver compassionate and ethical oro-facial health care.

- To provide the basic science and clinical curricula assuring compliance with the Commission on Dental Accreditation standards and encouraging responsiveness to scientific advances.
- To provide educational experiences for students using a comprehensive patient care model.
- To provide general dentists who are competent to practice dentistry.
- To provide interpersonal and communication knowledge and skills to enhance care for diverse patient populations.

3 Student Learning Outcomes (SLO) Statements

All the end of the four-year DMD program, the graduates will be able to:

1. Demonstrate an understanding of the concepts of professional ethics, health care principles and a familiarity with the ADA Principles of Ethics and Code of Professional Conduct.
2. Integrate and synthesize information to advance knowledge and skills through critical evaluation of biomedical literature and the application of new science.
3. Apply interpersonal and communication skills to effectively care for diverse populations of patients.
4. Diagnose diseases and abnormalities of the oral cavity and head/neck region. Obtain and assess information relative to systemic health of patients, initiating consultations and referrals to other health care professionals as appropriate. Develop a comprehensive treatment and/or referral plan, based on current oral disease risk analyses' and standard-of-care strategies.
5. Educate patients, parents and/or caregivers with individualized instructions for improving nutrition and maintaining good oral health, monitoring and re-evaluating as necessary.
6. Recognize risk factors for medical emergencies and demonstrate the ability to manage dental and medical emergencies.
7. Provide treatment and/or referrals as appropriate with the goal of achieving physiologic form, oral function and health.
8. Utilize pharmacological therapies and behavioral techniques to prevent or manage pain and anxiety.
9. Apply principles of risk management, quality improvement, infection control and radiation safety to patient care.
10. Demonstrate the ability to self-assess competency and evaluate the outcomes of patient-centered dental health care.
11. Demonstrate the ability to function in community based disease prevention and health promotion activities.
12. Identify the business principles and programs used in the administration of a dental practice while complying with all regulations, policies and protocols that relate to health, safety and the law.

4 Student Learning Outcomes Assessments

Summative Outcomes Activity Number: 1

Professional licensure: National Board Part I. National Boards Part I completed after the summer term of the

DS3 year and National Boards Part II completed for the students entering the DS4 year. Required for state licensure. (DIRECT)

Assessment Links: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.

Summative Outcomes Activity Number: 2

Professional licensure: The Western Regional Examining Board (WREB) clinical exam is administered by the Western Regional Examining Board and is performed in the laboratory and on live patients. Required for state licensure. (DIRECT)

Assessment Links: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.

Summative Outcome Activity Number: 3

Critical Thinking: Comprehensive Case Presentation in written and oral format. All students are required to choose, develop, document and present a comprehensive clinical case in written and oral format that demonstrates the ability to integrate and synthesize information in the treatment of a dental patient. (DIRECT)

Assessment Links: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.

Summative Outcome Activity Number: 4

Clinical Competencies and Sub-Competencies: 26 (supporting 12 major competencies/goals) – ethical analysis, critical evaluation of clinical case, cultural communication, special patient diagnosis, periodontal treatment planning, instrumentation, cases status and risk, pediatric dentistry techniques, managing medical emergencies, urgent care management, amalgam restorations, composite restorations I and II, cast gold restorations, PFM crown restorations, RPD design, endodontic treatment, orthodontic assessment, simple tooth extraction, nitrous oxide/oxygen sedation, local anesthesia administration, prescription writing, anxiety management, infection control, chart documentation, community dentistry, practice management. (DIRECT)

Assessment Links: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.

Summative Outcome Activity Number: 5

Students completed an electronic exit survey and an informal oral interview to collect perception information on clinical experiences and their impressions about their readiness for the practice of general dentistry. (INDIRECT)

Assessment Links: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.

Summative Outcomes Activity Number: 6

Alumni are surveyed three years after completion of the DMD program (INDIRECT)

Assessment Links to SLO Number(s): 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.

5 Standards, Criteria and Rubrics

Assessment Activity Number: 1

The National Dental Board Part I and Part II is administered by the Joint Commission on National Dental Examinations. The purpose of the examinations is to ensure that each examination candidate has achieved the level of knowledge, skill, and judgment necessary to practice in a safe and responsible manner. The goal of the DMD program is to have students sitting for National Dental Board examinations successfully pass these examinations on the first attempt thus a 100% pass rate.

Assessment Activity Number: 2

The Western Regional Examining Board (WREB) clinical exam is administered by the Western Regional Examining Board and is performed in the laboratory and on live patients. There are five sections to the exam and a candidate must pass all five sections, scoring is different in each of the sections. The goal of the DMD program is to have students sitting for the WREB examinations successfully pass these examinations on the first attempt thus a 100% pass rate.

Assessment Activity Number: 3

Critical Thinking: Comprehensive Case Presentation. All students are required to choose, develop, document and present a comprehensive clinical case in written and oral format that demonstrates the ability to integrate and synthesize information in the treatment of a dental patient. Passing is determined by clinical faculty based on a 9 point criteria competency. The goal of the DMD program is to have students successfully pass these comprehensive presentations on the first attempt thus a 100% pass rate.

Assessment Activity Number: 4

Clinical Competencies and Sub-Competencies: there are 26 sub-competencies supporting 12 major competencies: ethical analysis, critical evaluation of clinical case, cultural communication, special patient diagnosis, periodontal treatment planning, instrumentation, cases status and risk, pediatric dentistry techniques, managing medical emergencies, urgent care management, amalgam restorations, composite restorations I and II, cast gold restorations, PFM crown restorations, RPD design, endodontic treatment, orthodontic assessment, simple tooth extraction, nitrous oxide/oxygen sedation, local anesthesia administration, prescription writing, anxiety management, infection control, chart documentation, community dentistry, practice management. Students must satisfactorily complete all clinical sub-competencies and multiple attempts are permitted. The goal of the DMD program is to have all students successfully pass all competencies prior to the end of the terminal quarter of the program.

Assessment Activity Number: 5

Exit Self-Evaluation: Students complete an electronic national exit survey and a school-based exit survey as well as an informal oral interview to collect perception information on clinical experiences and impressions about readiness for the practice of general dentistry. The goal of the DMD program is to have students completing the program to be confident and competent about their ability to practice general dentistry as reflected on a perception scale of greater than 4 (1-5 scale with 5 being best).

Assessment Activity Number: 6

Alumni Survey: Alumni are surveyed three years after completion of the DMD as to their perception on readiness for the practice of general dentistry. The goal of the DMD program is to have alumni reporting that they are confident and competent about their ability to practice general dentistry.