EDUCATION TRACK PROGRAM FOR STUDENTS

Specific Goals

At the end of the Program, students will be able to:

- Demonstrate adequate knowledge of radiation safety.
- Describe the effect of the x-ray unit settings on 2D and 3D image production and list the major methods of reducing the radiation dose to the patient.
- List and describe the different types of intraoral and extraoral radiographs, its indications, and limitations.
- Describe the cone-beam computed tomography, its indications and limitations.
- Evaluate the upper respiratory tract
- Evaluate the temporomandibular joint region
- Demonstrate knowledge of the radiographic appearance of normal anatomy and pathologic changes by describing the radiologic appearances of the more common dental developmental anomalies and pathologies.

Method of delivery

Live web session, webinars, PowerPoint presentations with voice records and other type e-learnings courses.

Total didactic hours per topic

2-hour sessions

Mentoring

A student must select a mentor who will provide some guidance during the Education Track program. The mentor should be a member of IADMFR with background experience in DMFR teaching/mentoring.

Assessment of learning

To earn the Educational Track certificate, students must:
1. Successfully completed part A (10 clinical cases* + portfolio**)
2. Earn 70% or higher on the multiple-choice exam (part B***)
3. Earn 70% or higher on the oral examination (part B***)

*Clinical cases
Students should select 10 well documented clinical cases as part of the assessment activities within the Program. The student is primarily responsible for selecting the cases and providing the informed consent forms for the cases. Please access the tab entitled “Guidelines for student-mentor case reporting” to get more information on the Platform used for clinical cases documentation.

**Portfolio requirements
This document must contain name of student, name of the mentor, list of required IADMFR Educational track webinars attended, certificate of radiation protection course in dental radiology (https://iadmfr.one/education/iaea.html), and other list of courses, e-learnings and meetings related to DMFR.

***Part B
After delivering Part A, students will apply to Part B which will take place during biannual IADMFR Congresses.

Recommended materials

- TEXTBOOKS – Essentials

Whaites E, Drage N. Essentials of Dental Radiography and Radiology. 6th ed. Elsevier: 2021
Mallya SM, Lam EWN. White and Pharoah's Oral radiology - Principles and interpretation. 8th ed. Elsevier: St. Louis, 2019.
Koenig LJ, et al. Diagnostic Imaging – Oral and Maxillofacial. 2nd ed. Elsevier: Philadelphia, 2017.

- TEXTBOOKS – Complementary

Agur AMR, Dalley AF. Grant's Atlas of Anatomy. 13th ed. Lippincott, Williams & Wilkins: Baltimore, 2012.
Neville BW, Damm DD, Allen CM, Chi AC. Oral and maxillofacial pathology. 4th ed. Elsevier: St. Louis, 2016.
Scarfe & Angelopoulos. Eds. Maxillofacial Cone Beam Computed Tomography. Springer Nature 2018. Print ISBN 978-3-319-62059-6 & eBook ISBN 978-3-319- 62061-9.
Dania Tamimi David C. Hatcher. Specialty Imaging: Temporomandibular Joint 1st ed.Elsevier eBook ISBN: 9780323442978, 2016

- EDUCATIONAL LINKS – Essentials

https://iadmfr.one/education/educational-links.html
https://iadmfr.one/iadmfrlinks/radiology%20mailing%20lists.html (Oradlist)

- EDUCATIONAL COURSES – Essentials

https://iadmfr.one/education/iadmfr-courses.html
https://iadmfr.one/education/iaea.html

- EDUCATIONAL COURSES – Complementary

Other webinars