



جامعة بيروت العربية
BEIRUT ARAB UNIVERSITY

Faculty of Dentistry

Annual Report

2018/2019



A recognised

LEADER

LEADER School

Leading European Academic Dental Education and Research

2016 - 2019



I. REFLECTION

In 1995, BAU established its Faculty of Dentistry as the 9th faculty ensuring that the training and education given to future dentists provide them with the skills needed for prevention, diagnosis and treatment of abnormalities related to teeth and associated oral tissues. At BAU the dental education comprises a total of 5-years full time theoretical and practical study which is recognized by the higher education authorities in Lebanon and equivalent to international standards.

At the Faculty level, maintenance, remodeling extended to include the preclinical and clinical facilities, creation of paperless environment, and refurbishment are considered a continuous process for all facilities.

On the national and Arab level, the Faculty of Dentistry at BAU has a continuous relationship with faculties of dentistry in Lebanon and the Arab countries through the Union of Arab Universities and other associations through contributions to scientific meetings.

On the international level, since the first visit (2014) by the Association of Dental Education in Europe (ADEE) team, the Faculty has focused on two major goals, first to maintain all achievements established in the past two years, second to continue with the process of improvement and reform. The latest self-assessment report (2016) have focused on elaboration of the recent changes made in response to ADEE recommendations, the past SWOT analysis and the updated Faculty strategic plan. Later, the Faculty of Dentistry received a follow up focus school visit from the ADEE on November 2016. This peer review site visit (Year 3, LEADER School Programme) was based on the last self-assessment document 2016 (Year 2 update self-assessment report). The ADEE final report in 2016 recognized the Faculty of Dentistry at BAU as LEADER School. The LEADER Excellence Programme is a continuous quality improvement initiative designed by the Association for Dental Education in Europe that provides contextually appropriate guidance on the development of meaningful quality improvement structures within participating dental schools.

The Faculty strategic plan (2016-2020), mission, vision and strategic objectives were finalized to be aligned with the Institutional Strategy (2013-2020) and to correspond to the recommendations that resulted from the self-study preparation process as well as to meet the ADEE recommendations.

Our vision is to be an internationally-recognized leading dental institution with an outstanding impact on oral health through excellence in education, patient-centered care, community-based research and public health services.

Our mission is that the Faculty of Dentistry is committed to provide its students with high quality dental education and advanced training through the integration of contemporary science-based knowledge and innovative technology into the delivery of patient care. In order to achieve the primary goal of improving the oral health of the diverse population, the Faculty will continue to respond effectively to changes in education, health care delivery and research to ensure a supply of committed professional graduates who are able to provide optimum oral health care service.



II. TEACHING & LEARNING

- The Faculty cooperates with the Lebanese University, Saint Joseph University, American University of Beirut, University of Genoa, Alexandria University, Cairo University, Ain Shams University, Mansoura University, Suez Canal University, Misr University for Science and Technology and October 6 University through scientific activities, scientific exchange, supervision of master dissertation.
- Fellowship in collaboration between Faculty of Medicine, Biomedical And Dentistry Department, University of Genoa-Italy and Faculty of Dentistry, Beirut Arab University-Lebanon to offer fellowship in Advanced Esthetic & Restorative Dentistry.
- Dental studio that provides the undergraduate and postgraduate students a fully equipped training office to have a standardized high resolution photos for the initial examination of the patient used in the diagnosis and control of the medical care outcome over time. It can be considered as a diagnostic tool, similarly to X-rays, or other tests and investigations.

Undergraduate Studies

- The total credits required to complete the curriculum are distributed as follow: University Courses (12 Cr.) Faculty Core Courses (163 Cr.) and Faculty Electives (5 Cr.) with total 180 credits.
- Collaboration with medical faculties to provide health professional students with core competencies needed and to improve quality of care of patients and communities, to spread awareness about ergonomics and to spread awareness about infection control.

Graduate Studies

- Researchers from Faculty of Dentistry at BAU collaborate with researchers from other national and international universities sharing ideas and facilities.
- The number of graduate students has increased in all specialties from 10 in 2001 to 344 in 2019.
- Researchers from Faculty of Dentistry at BAU collaborate with Arab Union Universities to share the experience by evaluating published and accepted researches in different specialties for postgraduate students and members in Arab Faculties of Dentistry.



III. Highlights

- International scientific activities by Lebanese Association of Dental Students, **LADS Summer Camp 2019**
Beirut Arab University, Beirut Campus
16-23/06/2019
- Pre-congress of The **17th Annual Meeting** of the Lebanese Orthodontic Society (LOS)
Beirut Arab University, Beirut Campus
20/06/2019
- **The clinical and oral examination in Oral Surgery of The Arab Board of Health Specializations** held at the Faculty of Dentistry
Beirut Arab University, Beirut Campus
08-10/04/2019
- Elena Cerisara student exchange for 2 weeks from International Association of Dental Students (IADS), March – April 2019.
- **Oral Health Campaign awareness** (March 2019) entitled “**SAY AHH ACT ON MOUTH HEALTH**” by Lebanese Association of Dental Students (LADS)” by:
 - Municipality visit-JAJ, Jbeil,
 - Caritas youth center,
 - Shatila camp,
 - Le Barbar nursery, Beirut
 - Reception of students from Iman School at Beirut Arab University – Beirut Campus,
 - West Bekaa campaign including three schools: Abrar high school, Lala high school, Al Makased elementary school,
 - On road camp at Ein el Mrayse, Beirut,
 - Bekaa campaign, Jarrahiye elementary school,
 - Saida campaign including kalaa school, Al Makased school, Dar el salam caring center for old people and special needs patients,
 - Beirut Arab University – Beirut campus visit,
 - Beirut Arab University – Tripoli campus visit,
 - Beirut Arab University – Debbieh campus visit.
- Scientific lecture entitled “**Digitalization of Functional Esthetic Occlusion**” by Ahmad Aboelfadl (Associate Professor of Prosthodontics at Ain Shams University, Egypt) for undergraduate students.
Beirut Arab University, Beirut Campus
27/03/2019



- Students participation in **65th Mid-Year Meeting France 2019** by International Association of Dental Students (IADS)
Strasbourg – France
14-24/03/2019
- **Temporo-Mandibular Disorders** by Dr. Bachar Rida (Visiting Professor at the University of Trieste in Italy)
Beirut Arab University, Beirut Campus
28/2/2019
- **Oral Cancer Awareness** by Lebanese Association of Dental Students (LADS)
Beirut Arab University, Beirut Campus
06/12/2018
- Scientific workshop in **Endodontics by Dentsply** by Dr. Edmond Koyess (Lebanese University)
Beirut Arab University, Beirut Campus
04/12/2018
- Scientific workshop in **Endodontics by FKG swiss endo** for postgraduate students
Beirut Arab University, Beirut Campus
01/11/2018
- Scientific workshop on **Sinus Lift and DASK System** for Oral Surgery and Periodontology postgraduate students
Beirut Arab University, Beirut Campus
18/10/2018
- Scientific workshop on **2shape endo in Endodontics** by Walid Nehme (clinical professor at Saint Joseph University) for postgraduate students
Beirut Arab University, Beirut Campus
16/10/2018
- Scientific workshop on **I Race files, XP Shaper and XP Finisher** by FKG swiss endo
Beirut Arab University, Beirut Campus
09/10/2018
- Scientific lecture by **Kuraray Noritake Dental**
Beirut Arab University, Beirut Campus
03/10/2018



- Scientific day of Esthetic Dentistry in collaboration with Iraqi Syndicate
Mastering anterior composite restorations (direct veneers hands-on)
Beirut Arab University, Beirut Campus
03/10/2018
- Scientific day of Endodontics in collaboration with Iraqi Syndicate
Root Canal Updates & Best Practice
Beirut Arab University, Beirut Campus
02/10/2018
- **Fellowship in Advanced Esthetic & Restorative Dentistry** in collaboration between Faculty of Medicine, Biomedical And Dentistry Department, University of Genoa-Italy and Faculty of Dentistry, Beirut Arab University-Lebanon. Beirut Arab University (March 22-24, 2019; February, 8-10, 2019; January, 25-27, 2019; December, 7-9, 2018 and November, 23-25, 2018).
- The Faculty provides medical services to the Lebanese society through the reception of a large number of patients about 40,000 patients' visits started in 2018-2019.

IV. ACHIEVERS

- Dr. Roula Abiad President Elect of Scientific Committee at Lebanese Dental Association, 2019.
- Dr. Jamal Honeine President of Continuing Education at Lebanese Dental Association, 2019.
- Dr. Samer Al Rifaii Member in Lebanese Dental Association Board, 2019.
- CNRSL Scholarship for student Ahmed Abyad, PhD in Operative & Esthetic Dentistry, 2018-2019.
- Patent for “**New Innovation in Root Canal Obturation (one-step cold obturation technique)**” was registered in Ministry of Economy & Trade, Republic of Lebanon on 18/09/2017 and submitted by the Msc Student. Mohammad Shamaa and Assoc. Prof. Roula Abiad.
- International students are registered in undergraduate and graduate studies.



- Researches published in Q1, Q2 and Q3 international journals such as:

Q1
<p><i>Influence of Apical Preparation Size and Irrigation Technique on Root Canal Debridement: A Histological Analysis of Round and Oval Root Canals.</i> O.Y.S. Lee, K. Khan, K. Y. Li, H. Shetty, R. S. Abiad, G.S.P. Cheung, P. Neelakantan. International Endodontic Journal, Vol 52, No 9, 1366 – 1375, 2019</p>
<p><i>Retreatability of Two Hydraulic Calcium Silicate-Based Root Canal Sealers Using Rotary Instrumentation with Supplementary Irrigant agitation protocols: A laboratory-based Micro-computed Tomographic Analysis.</i> E. Pedullà, R.S. Abiad, G. Conte, K. Khan, K. Lazaridis, E. Rapisarda, P. Neelakantan. International Endodontic Journal, Vol 52, No 9, 1377 – 1387, 2019</p>
<p><i>Comparison of Four Cordless Gingival Displacement Systems: A Clinical Study.</i> Mohammad Rayyan, Ahmed Najib, Nagwa Sayed, Rima Abdallah, Essam Osman, Nayer Abo Elsaad, Samiha Ramadan Journal of Prosthetic Dentistry, Vol 121, No 2, P 265-270, 2018</p>
Q2
<p><i>The Inflection Point: A Torque Reference for Lingual Bracket Positioning on the Palatal Surface Curvature of the Maxillary Central Incisor.</i> Abdel Hadi Kanj , Joseph Bouserhal, Essam Osman & Ahmed Abdel Moneim El Sayed Progress in Orthodontics, Vol 2018, No 1939, P 1-11, 2018</p>
<p><i>Ultra-Structural Analysis and Long Term Evaluation of Zirconia Resin Bond Strength.</i> Moustafa Aboushelib, Hala Ragab & Mohamed Arnaot Journal of Adhesive Dentistry, Vol 20, No 1, P 33-39, 2018</p>
Q3
<p><i>Evaluation of Shear Bond Strength of Orthodontic Molar Tubes Bonded Using Hydrophilic Primers: An in Vitro Study</i> Rima Hadrous, Joseph Bouserhal, Essam Osman International Orthodontics, Vol, No, 2019</p>



V. COLLABORATION

- The Faculty signed a collaboration agreement with the Makased Hospital for the purpose of dental conditions requiring general anesthesia.
- The Faculty signed a collaboration agreement with University of Genoa-Italy for the purpose of scientific activities.
- Collaboration with Association for Dental Education in Europe (ADEE).
- Accreditation by European Society of Endodontology (ESE) (in progress).
- Collaboration with International Association of Dental Students (IADS) for the purpose of student's exchange.
- Collaboration with medical faculties to provide health professional students with core competencies needed and to improve quality of care of patients and communities, to spread awareness about ergonomics and to spread awareness about infection control.