

Dr. Mohamed Ibrahim Hashem

Associate Professor
Clinical Coordinator
Academic Guidance Coordinator

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Personal Information

Fate of Birth: March 8, 1969
Place of Birth: Al-Sharkya, Egypt
Occupation: Associate Professor, Clinical Coordinator,
Academic Guidance Coordinator.
Nationality: Egyptian
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Educational Qualifications

Degree	Place	Year
Bachelor Degree of Dental Medicine and Surgery	Al-Azhar University Cairo Egypt	1991
M. Sc in Dental Materials Thesis: Effect of sterilization and disinfectants on dental stone casts.	Al-Azhar University Cairo, Egypt	2000
PHD in Dental Materials Thesis: Infection control in dentistry by sterilization and disinfection of dental instruments and dental prostheses.	Al-Azhar University Cairo, Egypt	2003

Career & Experience

- Dental intern in University hospital and Ministry of health in Cairo (2/11/1991 – 31/10/1992).
- G.P (Dental Residency) in Ministry of health hospital (11/11/1992 – 31/10/1993).
- Demonstrator in Oral Histology Department, Dental Collage, Al-Azhar University, Cairo, Egypt (29/12/1993- 20/1/1998).
- Demonstrator in Dental Materials Department, Dental Collage, Al-Azhar University, Cairo, Egypt (21-/1/1998- 1/12/2000).
- Assistant Lecturer in Dental Materials Department, in the female Dental Collage, Al-Azhar University, Cairo, Egypt (2/12/2000).
- Lecturer in Dental Materials Department, in the female Dental Collage, Al-Azhar University, Cairo, Egypt (31/8/2003)

Career & Experience

- Lecturer in Dental Materials Department, in the female Dental Collage, Al-Azhar University, Cairo, Egypt (31/8/2003).
- Assistant Professor in Dental Health Department, in Applied Medical Sciences, King Saud University, Riyadh (29/11/1428).
- Associate Professor in Dental Materials Department, in the female Dental Collage, Al-Azhar University, Cairo, Egypt (3/6/2009).
- Associate Professor in Dental Health Department, in Applied Medical Sciences, King Saud University, Riyadh (2016)

Practical Experience

Teaching:

- Conducting the undergraduate practical teaching for Dental students at Dental Collage Al-Azhar University, Cairo, Egypt (1993- 2007).
- Sharing in the examinations for Dental students at Dental Collage Al-Azhar University, Cairo, Egypt (1993- 2007).
- Assisting in the examinations for Dental postgraduate students at Faculty of Medicine Al-Azhar university, Cairo, Egypt (1993- 2007).

Conferences and Symposium:

- Intensive One Week Course (25h) Of study in the basic science & surgical phase of oral Implantology, Riyadh 1 -7 April 2006.
 - Dental Laser courses of study and complied with all requirements of Laser training course program, 40 Full days training in Italy, 24 May 2006.
 - The annual scientific and membership meeting 2004 held in Inter-Continental, Riyadh 17 -19 January 2004.
 - The 4th Intensive course On Clinical research Methodology a workshop on evidence based surgery, 18 Dhulquada 1425AH (30 December 2004).
 - Continuing education course on " Crown lengthening" and "Immediate implant placement" during the 17th Saudi International Dental Congress of the SDS, Riyadh on January 30, 2006.
 - Lecture on "Dental Bleaching using Hybrid Led /Laser Sources "in Riyadh on June 5, 2006.
 - The 18th Saudi International Dental Congress held at King Fahad Cultural Center, Riyadh on January 29-31, 2007.
 - Workshop on Computerized Implantology, in Dubai on Feb 2007.
 - Workshop on adhesive material in dental practice, Al-Azhar journal on dental sciences, Oct 2008.
 - Workshop on using surface roughness machine on KSU, Feb 2010.
 - Continuing education conference, AEEDC Dubai, march 2010.
 - Continuing education conference, AEEDC Dubai, march 2011.
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WORK INTEREST

Practical Experience

Activities:

- Member of educational programs in the quality and development committee in the college of applied medical sciences for dental health department
- Member of post graduate studies committee in dental hygiene programs.
- Academic Guidance Committee in dental health department, king Saud University.
- Committee for Selection of teaching assistants in dental health department, king Saud University.
- Coordinator of programs and clinics in dental health department, king Saud University.

Presentation:

- Infection control in dental office, 2007 Al-Jubil.
- Collage of applied medical sciences Research day, 2009
- International Conference of Anesthesia and Preoperative Care at San An 28/11/2012.
- Collage of applied medical sciences Research day, 2013
- International Conference – China, 2016

Work Interest

- Application of LAZER in dentistry.
- Dental implantation.
- Impression materials.
- Advanced dental materials.

Computer Skills

- Microsoft Word
- Microsoft Excel
- Microsoft Access
- Microsoft power point (preparation of data show presentations)
- Statistical programmer (SPSS)

Publications

- Hashem M.A., The Histopathological and Immunohistochemically study of platatal Mucosa Response to Heat Cured Acrylic Denture Base Without and With Incorporation of Polycarbonate Ain Shams Dental Journal, Vol. X., 2, June 2007.
 - Hashem M.A., The Dimensional Accuracy and Bond Strength of Silicones Putty- wash Impression Materials. Egyptian dental Journal volume 54, Number 3, July 2008
 - Hashem M.A., The effect of self-etching bounding agents on shear bound strength and bounding failure of hybrid composite to dentin.Sc.J.Az. Med.Fac. (Girls). Vol.27, No.2, May, 2006; 581-590.
 - Hashem M.A., The effect of different light curing systems on the bond strength of resin cement through CAD/CAM ceramic veneers. Egyptian dental Journal volume 55 January 2009 parts I page 55-63.
 - Al-Kheraif, A. Hashim, M.I, El Araby, A. Comparison of dimensional accuracy between traditional and eclipse® denture base materials. Egyptian Dental Journal: 55: 47-53. 2009.
 - El Araby A, Al-Kheraif, A, Hashim M.I. The effect of different light curing systems on the bond strength of resin cement through CAD/CAM ceramic veneers. Egyptian Dental Journal: 55: 55-63, 2009.
 - Hashin, M.I, Al-Kheraif. A.A. Bleaching of teeth using traditional light activated versus laser activated gel. Egyptian Dental Journal: 55: 65-73, 2009.
 - Ghulman, M. Hashin M.I.The effect of activated bleaching gel by light and laser and its effects on enamel surface and underlying dentin. Egyptian Dental Journal: 55: 853-858. 2009.
 - Mira, A.I, Hashim M.I. Marginal fit and fracture strength of different types of in-ceram crowns. Egyptian Dental Journal: 55: 859-868, 2009.
 - Hassan KS, Alagl AS, Abdel-Hady A, Hashem MI. Torus mandibularis as autogenous bone graft combined with platelet rich plasma gel for treatment of intrabony osseous defects. Clinical and radiographic evaluation. Al-Azhar Journal of Denial Science 2010; 13(3): 235-242
 - Hashim MI, Assery MK. The effect of staining solutions and curing units on the hardness of nanocomposite resins. Al-Azhar Journal of Dental Science 2010; 13(3): 243-251
 - Mohamed MH, Hashem MI. Evaluation of root canal sealers on retention of pre-fabricated metal posts in endodontically treated teeth. Al-Azhar Journal of Dental Science 2012; 15(1): 59-66
 - Jose R, Chandra S, Puttabuddi JH, Vellappally S, Al Khuraif AA, Halawany HS, Abraham NB, Jacob V, Hashim M. Prevalence of oral and systemic manifestations in pediatric HIV cohorts with and without drug therapy. Current HIV research 2013; 11(6): 498-505 [PMID: 24329176]
 - Singh P, Paul J, Al-Khuraif AA, Vellappally S, Halawany HS, Hashim M, Abraham NB, Jacob V, Thavarajah R. Sealing ability of mineral trioxide aggregate, calcium phosphate cement, and glass ionomer cement in the repair of furcation perforations. Acta medica (Hradec Kralove) / Universitas Carolina, Facultas Medica Hradec Kralove 2013; 56(3): 97-103 [PMID: 24592746]
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Publications (2)

- Anil S, Hashem M, Vellappally S, Patil S, Bandara HM, Samaranayake LP. Sub-inhibitory Concentrations of Antifungals Suppress Hemolysin Activity of Oral *Candida albicans* and *Candida tropicalis* Isolates from HIV-Infected Individuals. *Mycopathologia* 2014 [PMID: 25142726 DOI: 10.1007/s11046-014-9802-0]
 - Anil S, Vellappally S, Hashem M, Preethanath RS, Patil S, Samaranayake LP. Xerostomia in geriatric patients: a burgeoning global concern. *Journal of investigative and clinical dentistry* 2014 [PMID: 25175324 DOI: 10.1111/jicd.12120]
 - Atwa AD, AbuShahba RY, Mostafa M, Hashem MI. Effect of honey in preventing gingivitis and dental caries in patients undergoing orthodontic treatment. *The Saudi dental journal* 2014; 26(3): 108-114 [PMID: 25057231 PMCID: 4095052 DOI: 10.1016/j.sdentj.2014.03.001]
 - Hashem M, Alsaleem SO, Assery MK, Abdeslam EB, Vellappally S, Anil S. A comparative study of the mechanical properties of the light-cure and conventional denture base resins. *Oral health and dental management* 2014; 13(2): 311-315 [PMID: 24984639]
 - Hashem M, Binmgren MA, Alsaleem SO, Vellappally S, Assery MK, Sukumaran A. The Impact of Polymerization Method on Tensile Bond Strength between Denture Base and Acrylic Teeth. *The Journal of Contemporary Dental Practice* 2014; 15(3): 309-312.
 - Hussein FA, Hashem MI, Sukumaran A. The impact of Chlorhexidine mouth rinse on the bond strength of polycarbonate orthodontic brackets. *The Journal of Contemporary Dental Practice* 2014; 15(4): 00-001
 - Kumar A, Bhat V, Balakrishnan M, Hashem M, Vellappally S, Al Kheraif AA, Halawany H, Abraham NB, Jacob V, Anil S. Bioactivity and Surface Characteristics of Titanium Implants Following Various Surface Treatments: An In Vitro Study. *The Journal of oral implantology* 2014 [PMID: 25105748 DOI: 10.1563/aaid-joi-D-13-00292]
 - Mokeem SA, Vellappally S, Preethanath RS, Hashem MI, Al-Kheraif AA, Anil S. Influence of smoking on clinical parameters and gingival crevicular fluid volume in patients with chronic periodontitis. *Oral health and dental management* 2014; 13(2): 469-473 [PMID: 24984667]
 - Vellappally S, Gardens SJ, Al Kheraif AA, Krishna M, Babu A.M S, Hashem M, Jacob V, Anil S. The prevalence of malocclusion and its association with dental caries among 12-18-year-old disabled adolescents. *BMC-Oral Health* 2014
 - Ellepola ANB, Joseph BK, Al-Tarakemah Y, Samaranayake LP, Anil S, Hashem M, Khan ZU. Vicissitudes in Adhesion to Denture Acrylic Surfaces of Oral *Candida dubliniensis* Isolates Following Brief Exposure to Sub-cidal Concentrations of Polyenes, Azoles and Chlorhexidine Medical Principles and Practice 2014
 - Durgesh BH, Ramakrishnaiah R, Hashim MI, Al Khuraif AA, Anil S. The effect of herbal mouth rinse on the shear bond strength of orthodontic brackets: An in vitro study. *Acta Odontológica Latinoamericana* 2014
 - Samaranayake LP, Anil S, Hashem M, Vellappally S. Human serum potentiates the expression of genes associated with antifungal drug resistance in *C. albicans* biofilms on central venous catheters *Mycopathologia* 2014
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Publications (3)

- Al Rez, Mohammed Fayez, H Fouad, Ezzedine Laourine, Martin Hild, Dilbar Aibibu, Chokri Cherif, Amer Mahmood, Sarah Abuelreich, Muthurangan Manikandan, SW Gosavi, Mohamed Hashem, SG Ansari, Fahad S Al-Mubaddel, YA Elnakady, Mahdi Alqahtani. In Vitro Characterization of Thermal Behaviour and Bone Marrow Stromal Cell Attachment on Chitosan/Polycaprolactone (CS/PCL) Nanofibrous Scaffolds. Science of Advanced Materials, Volume 7, Number 11, November 2015, pp. 2427-2435(9)
- Mohammed Fayez AL Rez, Othman Y Alothman, H Fouad, Amer Mahmood, Randa Alfotawi, SG Ansari, Mohamed Fouad, Mohamed Hashem, Fawzi F Al-Jassir. Stromal Cells Attachment, Proliferation and Nano-Mechanical Behavior of High Density Polyethylene/Carbon Nanotubes/Nanoclay as Artificial Hip and Knee Joint Bearing Material. Nanoscience and Nanotechnology Letters, Volume 8, Number 10, October 2016, pp. 846-852(7)
- Sarah Abuelreich, Muthurangan Manikandan, Abdullah Aldahmash, Musaad Alfayez, Al Rez, Mohammed Fayez, H Fouad, Mohamed Hashem, SG Ansari, Fawzi F Al-Jassir, Amer Mahmood. Human Bone Marrow MSCs form Cartilage and Mineralized Tissue on Chitosan/Polycaprolactone (CS/PCL) Combined Nanofibrous Scaffolds. Journal of Nanoscience and Nanotechnology Volume 17, Number 3, March 2017, pp. 1771-1778(8).

Research Grants

- Title: Effect of drinks with different colors and optical processing units on the color of the plastic fillings.
Dr. Mukhtar Ali Hassan (Restorative Dentistry)
d. Mohamed Ibrahim Ahmed Hashim (dental health) has been approved by the Research Center, Faculty of Dentistry, King Saud University
Search for: 12 months Budget: 49 600
- The Effect of Staining Solutions and Curing units on the hardness of Nano composite Resins
Mohamed Ibrahim Ahmed Hashim (dental health) has been approved by the Center, Faculty of applied medical science, King Saud University
Search for: 12 months Budget: 49 600

Visits and public research and community service:

- Italy 2003 Course in Dental Implants.
- Italy in 2006 an intensive course in the use of lasers in dental treatment.
- Dubai 2007 Course in Dental Implants.
- Hong Kong (FDI) 2012 Annual World Dental Congress.
- Germany 2013.
- Germany 2015.
- China 2016.
- Germany 2017.