

Name: Amr Sherif Fawzy

Current Position: Assistant professor,
Restorative Dentistry Department, National
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1. Current position and past employment history:

- Assistant professor, Restorative Dentistry Department, National University of Singapore (July 2010-date)
- Associate Professor, Biomaterials Dept., Faculty of dentistry, Ain-Shams University, Cairo, Egypt (May – July 2010).
- Lecturer, Biomaterials Dept., Faculty of dentistry, Ain-Shams University, Cairo, Egypt (2005-2010).
- Assistant lecturer, Prosthodontics Dept., Faculty of dentistry, Ain-Shams University, Cairo, Egypt (2000-2005).
- Instructor, Prosthodontics Dept., Faculty of dentistry, Ain-Shams University, Cairo, Egypt (1996-2000).
- Research assistant, National Institute of Laser enhanced Sciences, Cairo University, Cairo, Egypt (1995-1996).

2. Academic qualifications:

- **PhD:** Dental Biomaterials, Faculty of Dentistry, Ain Shams University, Cairo, Egypt (2005).
- **M.DSc:** Master Degree in Prosthodontics/Dental Materials, Faculty of Dentistry, Ain-Shams University, Cairo, Egypt (2000).
- **Postgraduate Diploma:** In the Biological and Medical Applications of Laser, National Institute of Laser Enhanced Science, Cairo University, Egypt (1996).
- **B.D.S.:** Bachelor Degree in Oral & Dental Medicine, Faculty of Oral and Dental Medicine, Cairo University, Egypt (1994).

3. Research interests

- Dental hard tissue regeneration; Stem cells (hESC and MSC).
- Bioengineering and adhesion to dentinal substrates.
- Biomaterials; Dental restorative materials; Surface characterization

4. International refereed journal publications: (last three years 2008-2010)

- ***Fawzy AS.*** Variations in collagen fibrils network structure and surface dehydration of acid demineralized intertubular dentin: Effect of dentin depth and air-exposure time. ***Dental Materials 2010; 26:35-43.***
- ***Fawzy AS, Farghaly AM.*** Probing nano-scale adhesion force between AFM and acid demineralized intertubular dentin: Moist versus dry dentin. ***Journal of Dentistry 2009; 37:963-969.***

- ***El-Askary FS, Fawzy AS, Abd Elmohsen HM.*** Tensile bond strength of immediately repaired anterior microfine hybrid restorative composite using nontrimmed hourglass specimens. ***Journal of Adhesive Dentistry 2009;11: 41-47.***
- ***Fawzy AS, El-Askary FS.*** Effect acidic and alkaline treatments on the bond strength of different luting cements to pure titanium. ***Journal of Dentistry 2009; 37: 255-263.***
- ***Fawzy AS, Amer MA.*** An in vitro and in vivo evaluation of bioactive titanium implants following sodium removal treatment. ***Dental Materials 2009; 25: 48-57.***
- ***Fawzy AS, El-Askary FS, Amer MA.*** Effect of surface treatments on the tensile bond strength of repaired water-aged anterior restorative micro-fine hybrid resin composite. ***Journal of Dentistry 2008; 36:969-976.***
- ***El-Askary FS, Nassif MS, Fawzy AS.*** Shear bond strength of glass-ionomer adhesive to dentin: Effect of smear layer thickness and different dentin conditioners. ***Journal of Adhesive Dentistry 2008;10: 471-479.***
- ***Fawzy AS, Amer MA, El-Askary FS.*** Sodium hypochlorite as dentin pretreatment for etch-and-rinse single-bottle and two-step self-etching adhesives: Atomic force microscope and tensile bond strength evaluation. ***Journal of Adhesive Dentistry 2008;10: 135-144.***

5. Teaching areas:

- Dental materials

6. Reviewing service for international journals (last three years 2008-2010)

- Dental Materials
- Microscopy and Microanalysis
- Materials Research Bulletin
- Medical Engineering and Physics
- Journal of Applied Oral sciences
- Indian Journal of Dental Research