**CURRICULUM VITAE**

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| **Date Prepared:** | **June. 2015** |
| **Name:** | **AbdulMonem Alshihri**  **(Monem)** |
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Education:

2013-2015 Advanced surgical Implantology program, Harvard School of Dental Medicine,

Boston, MA, USA

2009-2014 Doctorate of medical sciences DMSc, Harvard medical school, Boston, MA

2013-2014 Certificate of applied biostatistics, Harvard Catalyst, Harvard medical school, Boston,

MA

2009-2013 Post-graduate Specialty certificate, Harvard School of Dental Medicine, Boston, MA

(prosthodontics and Implant Dentistry)

1999-2006 D.D.S, Faculty of Dentistry, King Saud University, Riyadh, Saudi Arabia

**Postdoctoral Clinical and Research Training:**

2009- 2015 Post - graduate specialty training in Prosthodontics and Implant

Dentistry, Harvard School of Dental Medicine,

Boston, MA, USA

2010-2015 Tissue Engineering Laboratories, Boston healthcare system Spector’s

Laboratories, Boston, MA, USA

2012- 2015 The Forsyth institute, Cambridge, MA, USA

2012-2015 University of Mainz school of Dentistry and Medicine, Germany

2014- 2015 Dr.Rosen’s developmental research lab, Harvard School of Dental

Medicine

**Appointments at Hospitals/Affiliated Institutions:**

2012- Research Fellow, The Forsyth Institute, Cambridge, MA 02142

2010- Research Fellow, Tissue Engineering Lab, VA Boston Healthcare systems, Boston, MA

2007-2009 Clinical instructor and advanced General dentist, Faculty of Dentistry, King Saud University, Riyadh, Saudi Arabia

2006-2007 General dentist, SAAD Specialist Hospital (SSH), khobar, Saudi Arabia

**Professional Societies:**

2009- Member, American college of prosthodontics

2012- member, American Academy of Implant Dentistry

2012- Member, Academy of osseointegration

2012- member, Osteology foundation

2008- Member, American Association of Dental Research

2010- ITI, International Team of Implantology

2001- Member, Saudi Dental Society

2008-2010 Member, American Academy of Laser Dentistry

2008-2009 Member, American Dental Education Association

**Honors, Prizes and scholarships**

2015 The scholarship for international team of implantology ITI

2015 Award of outstanding clinical and academic achievements American

Academy of Implant Dentistry

2011 Certificate of appreciation, American College of Prosthodontics

2011 3rd prize, American college of prosthodontics.

2009 Faculty Scholar, King Saud University, Riyadh, Saudi Arabia

2006 Pioneer Dentist scholarship, SAAD specialist Hospital SSH, Khobar,

Saudi Arabia

2005 Award of Academic Excellence, King Saud University, Riyadh, Saudi Arabia

**Report of Local Teaching and Training**

[Teaching of Students in Courses](http://cv.hms.harvard.edu/index.php?page=students)

2009- Tutor, Pre/post doctoral Prosthodontics/implantology and Restorative Dentistry, Harvard School of Dental Medicine

Clinical Supervisory and Training Responsibilities

2009- Pre-clinical instructor, Pre-doctoral Prosthodontics and Restorative Dentistry,

Harvard School of Dental Medicine

2009- Clinical instructor, Pre/post doctoral Prosthodontics /implantology and Restorative Dentistry,

Harvard School of Dental Medicine

Thesis

2009-2014 Effect of chemical and physical stimulations on mesenchymal stem cells in an

Injectable hydrogel of gelatin hydroxyphenylpropionic acid for bone reconstruction.

(Dissertation for DMSc degree), Harvard School of Dental Medicine, Boston, MA

2005-2006 The accuracy of interchangeable implant – impression system, in Vitro.

(Dissertation for DDS degree), Faculty of dentistry, King Saud University, SA

**Scientific Journal**

Reviewer, Clinical Oral Investigations (CLOI).

Reviewer, Journal of Prosthodontics (JOP).

Reviewer, Head and Face Medicine.

Reviewer, Journal of Biomedical Materials Research: part A.

Reviewer, Cancer Translational Medicine Journal.

Peer reviewed publications/abstracts in print or other media

1. Alshihri ,Kämmerer P, Lehnert M, Al-Nawas B, Kumar V, Frerich B, Veith M.Osseoconductivity of biotinylated Titanium implants coated with streptavidin-biotin-fibronectin in Rabbits, IADR, 2015, Boston, MA, USA.

2. **Alshihri A**, Nui W, Spector M. The effect of Shcok waves on Mesenchymal stem cells biological processes for osteoconduction. IADR, 2015, Boston, MA, USA.

3. **Alshihri A**, Nui W, Kammerer p, Spector M. The effect of chemical and physical stimulations on Mesenchymal stem cells behavior in an injectable hydrogel for bone reconstruction. International Osteology foundation, 2013, Monaco.

4. Kammerer P, Schiegnitz E, **Alshihri A**, Al-Nawas B. Influence of a collagen membrane and recombinant PDGF on early bone formation after vertical augmentation with bovine bone in rabbits. International Osteology foundation, 2013, Monaco.

5. Salem D, **Alshihri A**, Levin L. Peri-implantitis induced by a retained retraction cord. Accepted 2013, Int J Periodontics Restorative Dent.

6. **Alshihri A**, Kammerer P, Gabriel M, Klein M. Stimulation of platelet function and cytokine release via chemical and biomimetical titanium surface modifications *in vitro.*  American Academy of Dental Research, Boston, 2013, Boston local AADR meeting.

7. Eve E, Koo S, **Alshihri A**, Donoff B, Karimbux N. Performance of dental students versus prosthodonticsresidents on a 3D immersive haptic simulator. *Accepted 2012, J Dent Educ.*

8. **Alshihri A**, Kammerer P, Spector M. The effect of extracorporeal shock waves on facial skin, cellular and vascular dose response study in goats. (*Submitted, June 2013)*

9. Kammerer PW, Seeling J, **Alshihri A**, Daubländer M. Comparative clinical evaluation of different epinephrine concentrations in 4 % articaine for dental local infiltration anesthesia. Clin Oral Investig. 2013 Jun 6.

10. **Alshihri A**, Goetze E, Bolm I, Kammerer P. Primary stability of pre-drilled vs. self-drilling micro-screws, a pre-clinical study. The Academy of Osseointegration. 2013, Tampa, FL.

11. Kammerer PW, Palarie V, Schiegnitz E, **Alshihri A**, Al-Nawas B. Vertical osteoconductivity and early bone formation of titanium-zirconium and titanium implants in a subperiosteal rabbit animal model. Clin Oral Implants Res. 2013 Apr 16.

12. Kammerer PW, Schiegnitz E, **Alshihri A**, Draenert FG, Wagner W. Modification of xenogenic bone substitute materials - effects on the early healing cascade in vitro. Clin Oral Implants Res. 2013 Mar 31.

13. Koo S, **Alshihri A**, Karimbux NY, Maksoud M. Cellular allograft in the treatment of a severe periodontal intrabony defect: A case report, Clinical advances in periodontics 2012;2:35-39

14. Taguchi T, Nazneen A, **Alshihri** A, Razzaque MS. Heat chock protein 47: a novel biomarker of phynotypically altered collagen-producing cells. Act Histochem 2011:28;44(2):35-41.

15. **Alshihri A**, Tso H, Lee J, Schnitman p. CAD/CAM rehabilitation of an edentulous maxilla with an implant-supported screw retained porcelain/titanium prosthesis. The Annual meeting of American College of prosthodontics 2011, Scottsdale, AZ.

Other Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings

Oral Abstract:

2011 Tissue engineered preservation and regeneration of the alveolar bone by Shockwave simulation. SEAS/HSDM symposium, Boston, MA

2011 Implant CAD/CAM Rehabilitation of an Edentulous Maxilla, planning to definitive. The Annual Regional Meeting of American College of Prosthodontics, Boston, MA.

Poster presentations:

2013 Alshihri A, Nui Wanting, Wright R, Spector, M. The role of injectable hydrogel

and extracorporeal shock wave in potential bone regeneration. HSDM research day.

2013 Salem D, **Alshihri A**, Friedland B, Machtei E, Arguello E. Volumetric analysis of

Allogenic and Xenogenic bone grafts used in Maxillary Sinus augmentations

Utilizing Cone-Beam CT; a Pilot Study. HSDM research day.

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