

## Curriculum Vitae

Ahmad Abdel Salam Ahmad HAMDAN



### Personal data

Date of birth: 02 April 1979 in Amman – Jordan

Nationality: Jordanian, French

Marital status: Married

Address: Department of Oral & Maxillofacial Surgery, Oral Medicine & Periodontology  
School of Dentistry – University of Jordan  
11942  
Amman - Jordan

Position: Associate Professor - Periodontology

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+9626-5353444 (Ext. 2415) (Work – Hospital)  
+9626-5851099 (Home)  
+962-(0)779099199 (Mobile)

### Education

2002: B.D.S. (Bachelor in Dental Surgery)  
University of Jordan  
Amman – Jordan

2004: M.S.B.M. (Maîtrise de Sciences Biologiques et Médicales)  
University of Paris 7 – Denis Diderot  
Paris – France

2005: M.Sc. (Master in Osteoarticular biology, Biomaterials & Biofunctionality)  
University of Paris 7 – Denis Diderot  
Paris – France

- 2006: M.Sc. (C.E.S.) (Certificat d'Etudes Supérieures – Certificate in Superior Studies) in Periodontology  
University of Paris 7 – Denis Diderot  
Paris – France
- D.U.P.C. (Diplôme Universitaire de Parodontie Clinique – University Diploma in Clinical Periodontology)  
University of Paris 7 – Denis Diderot  
Paris – France
- 2008: D.U.A.P.C.I. (Diplôme Universitaire Approfondi de Parodontie Clinique et Implantologie Orale – University Diploma in Clinical Periodontology and Oral Implantology)  
University of Paris 7 – Denis Diderot  
Paris – France
- 2009: Ph.D. in Periodontics & Oral & Osteo-articular Biology, Biomaterials & Biofunctionality  
University of Paris 7 – Denis Diderot  
Paris – France
- 2010: Jordanian Dental Board – Periodontology  
Jordan Medical Council  
Amman – Jordan

### **Employment History**

- 2009 – 2019: Assistant Professor - Periodontology  
Department of Oral & Maxillofacial Surgery, Oral Medicine & Periodontology  
School of Dentistry – University of Jordan  
Amman – Jordan
- Consultant in Periodontology  
Jordan University Hospital  
Amman – Jordan
- 2019 – Present: Associate Professor – Periodontology  
Department of Oral & Maxillofacial Surgery, Oral Medicine & Periodontology  
School of Dentistry – University of Jordan  
Amman – Jordan
- Consultant in Periodontology  
Jordan University Hospital  
Amman – Jordan

2020 – Present:        Consultant in Periodontology  
Irish Specialty Clinic  
Manama – Kingdom of Bahrain

### **Professional Appointments**

2009 - 2010:        Member of Scientific & Continuing Education Committee  
School of Dentistry – University of Jordan  
Amman – Jordan

Member of Cross-infection Control, and Safety Committee  
School of Dentistry – University of Jordan  
Amman – Jordan

2010 – 2011:        Chairman of Cross-infection Control, and Safety Committee  
School of Dentistry – University of Jordan  
Amman – Jordan

Member of Student Affairs Committee  
School of Dentistry – University of Jordan  
Amman – Jordan

2010 – 2012:        Member of National Committee for Dental Internship  
Jordan Medical Council  
Amman – Jordan

2011 – 2012:        Chairman of Continuing Dental Education Committee  
School of Dentistry – University of Jordan  
Amman – Jordan

Member of Specialty and Postgraduate Studies Committee  
Jordanian Dental Association  
Amman – Jordan

2011 – 2013:        Member of Scientific Committee  
School of Dentistry – University of Jordan  
Amman – Jordan

2011 – 2016:        Assistant Dean for Development and Quality Assurance Affairs  
School of Dentistry – University of Jordan  
Amman – Jordan

2013 – 2016:        Member of Jordanian Dental Association Council  
Jordanian Dental Association  
Amman – Jordan

Member of Laws and Regulations Committee  
Jordanian Dental Association  
Amman – Jordan

President of Bureau of Conferences  
Jordanian Dental Association  
Amman – Jordan

2015 – 2016: Secretary General  
Jordanian Dental Association  
Amman – Jordan

Director, Department of Accreditation  
Accreditation & Quality Assurance Center – University of Jordan  
Amman – Jordan

2015 – 2018: Member, National Human Resources for Health Observatory  
High Health Council  
Amman – Jordan

2017 – 2018: Assistant Dean for Hospital Affairs  
School of Dentistry – University of Jordan  
Amman – Jordan

2018 – Present: Chairman of Advanced Dental Implantology Clinical Course Committee  
School of Dentistry – University of Jordan  
Amman – Jordan

Member of Scientific Committee of Periodontology  
Jordan Medical Council  
Amman – Jordan

2019 – Present: Member of Laws and Regulations Committee  
Jordanian Dental Association  
Amman – Jordan

2020 – Present: Vice-president of Scientific Committee of Periodontology  
Jordan Medical Council  
Amman – Jordan

Members of Scientific Committee of Periodontology  
Palestinian Medical Council  
Al-Bireh – Palestine

Chairman of Continuing Dental Education Committee  
School of Dentistry – University of Jordan  
Amman – Jordan

2021 – Present: Vice-Dean for Hospital & Quality Assurance Affairs  
School of Dentistry – University of Jordan  
Amman – Jordan

### **Presentations & Publications**

- 2006: **HAMDAN A**, LOTY S, BOUCHARD P, BERDAL A, SAUTIER JM  
Différenciation *in vitro*, d'ostéoblastes cultivés en présence de dérivés sanguins homologues. (*In vitro* differentiation of osteoblasts cultured in the presence of homologous blood derivatives)  
Congrès International de la Société Française de Parodontologie et d'Implantologie Orale (International Congress of French Society of Periodontology & Oral Implantology), Versailles – France
- A. HAMDAN**, S. LOTY, P. BOUCHARD, F. MORA, A. BERDAL, JM. SAUTIER  
Osteoblastic Differentiation in The Presence of Homologous Platelet Preparations, an *In Vitro* Study. (Poster Session)  
20th European Conference on Biomaterials, Nantes – France
- 2007: **HAMDAN A**, LOTY S, MORA F, BOUCHARD Ph, BERDAL A, SAUTIER JM  
Différenciation *in vitro*, d'ostéoblastes cultivés en présence de dérivés sanguins homologues. (*In vitro* differentiation of osteoblasts cultured in the presence of homologous blood derivatives)  
Séminaire du Département de Parodontologie de L'UFR d'Odontologie – Université Paris 7 – Denis Diderot (Seminar of the Department of Periodontology, Faculty of Dentistry, University of Paris 7, Denis Diderot), Château de Crécy – France
- HAMDAN A.**  
Maladies parodontales et risqué cardiovasculaire. (Periodontal Diseases & Cardiovascular Risk)  
Congrès International de la Société Française de Parodontologie et d'Implantologie Orale (International Congress of French Society of Periodontology & Oral Implantology), La Baule – France
- ISAAC J, LOTY S, **HAMDAN A**, KUKOBO T, KIM HM, BERDAL A, SAUTIER JM  
*In vitro* bone formation on bioactive titanium. (Poster Session).  
20<sup>th</sup> International Symposium on Ceramics in Medicine (Bioceramics 20), Nantes – France
- 2008: ISAAC J, LOTY S, **HAMDAN A**, KOKUBO T, KIM HM, BERDAL A, SAUTIER JM.  
*In vitro* bone formation on bioactive titanium. *Key Engineering Materials Vols.* 361-363 (2008) pp 939-942.

NISAND D, **HAMDAN A**, BORGHETTI A, RENOUEARD F, SAUTIER JM, TENENBAUM H.

Position de la SFPIO sur le PRF. Rapport de la commission scientifique de la SFPIO sur le PRF. *Objectif Paro* 2008 juin ; 17 : 7-11.

NISAND D, **HAMDAN A**, BORGHETTI A, RENOUEARD F, SAUTIER JM, TENENBAUM H.

PRF et implantologie. Rapport de la commission scientifique de la SFPIO sur le PRF. *L'information Dentaire* 2 juillet 2008 ; n° 27/28 : 1510-1514.

**HAMDAN A**, MORA F, SAUTIER JM, BOUCHARD P.

Maladies parodontales et risque cardio-vasculaire. *Journal de Parodontologie et d'Implantologie Orale* 2008 ; 27 (4) : 261-272.

**HAMDAN A**, LOTY S, ISAAC J, BOUCHARD P, MORA F, BERDAL A, SAUTIER JM  
Osteoblastic differentiation in the presence of homologous platelet preparations, an *in vitro* study. (Poster Session).

AstraTech World Congress 2008, Washington DC – USA. (2<sup>nd</sup> prize of fundamental research)

ROSEC P, **HAMDAN A**, BROCHERY B, De MONK O

Tissue integration around Astra Tech implants in a patient with a history of aggressive periodontitis. An early clinical evaluation. (Poster Session). AstraTech World Congress 2008, Washington DC – USA.

BROCHERY B, **HAMDAN A**

La régénération osseuse guidée: quelles techniques pour quelle prévisibilité à long terme? (Guided bone regeneration : which technique for which long-term predictability).

Congrès International de la Société Française de Parodontologie et d'Implantologie Orale (International Congress of French Society of Periodontology & Oral Implantology), La Grande Motte – France

ISAAC J, LOTY S, KIZUKI T, **HAMDAN A**, KUKOBO T, BERDAL A, SAUTIER JM  
Un titane à surface bioactive stimule *in vitro* la différenciation de cellules de type ostéoblastique et permet une ostéogénèse de contact. (Bioactive titanium stimulate the differentiation of osteoblastic with contact osteogenesis *in vitro*). (Oral Communication & Poster Session).

Forum de Jeunes Chercheurs en Odontologie (Forum of Young Researchers in Odontology), Faculty of Dentistry, Nantes – France.

**HAMDAN A, LOTY S, ISAAC J, BOUCHARD P, BERDAL A, SAUTIER JM**  
Effets des concentrés plaquettaires sur la différenciation de cellules de type ostéoblastique en culture primaire. (Effects of platelet concentrates on the differentiation of osteoblastic cells in primary culture). (1st prize *ex aequo* ADF/Research)  
Congrès de l'Association Dentaire Française (ADF) (Congress of French Dental Association), Paris – France.

ISAAC J, LOTY S, **HAMDAN A**, KOKUBO T, KIM HM, BERDAL A, SAUTIER JM  
*In vitro* stimulation of osteoblastic differentiation by bioactive titanium surfaces.  
8<sup>th</sup> World Biomaterial Congress, Amsterdam – The Netherlands

2009: **HAMDAN AA-S, LOTY S, ISAAC J, BOUCHARD P, BERDAL A, SAUTIER JM.**  
Platelet-poor plasma stimulates the proliferation but inhibits the differentiation of rat osteoblastic cells *in vitro*. *Clin. Oral Impl. Res.* 2009; 20: 616-623.

ISAAC J, LOTY S, **HAMDAN A**, KOKUBO T, KIM HM, BERDAL A, SAUTIER JM.  
Bone-like tissue formation on a biomimetic titanium surface in an explants model of osteoconduction. *J. Biomed. Mater. Res. A.* 2009; 89(3): 585-593.

**HAMDAN A, LOTY S, ISAAC J, BOUCHARD P, MORA F, BERDAL A, SAUTIER JM**  
Effects of homologous platelet concentrate on the differentiation of osteoblastic cells in culture.  
6<sup>th</sup> Congress of the European Federation of Periodontology (Europerio 6), Stockholm – Sweden.

**HAMDAN A, ISAAC J, BOUCHARD P, MORA F, BERDAL A, SAUTIER JM**  
Osteoblastic differentiation in the presence of homologous platelet preparations, an *in vitro* study. (Poster Session).  
22<sup>nd</sup> European Conference on Biomaterials, Lausanne – Switzerland

**HAMDAN AA.**  
Dental Stem Cells. (Oral Presentation)  
Jordanian Dental Association  
Amman – Jordan

2010: **HAMDAN AA.**  
Dental Stem Cells: A Hidden Treasure! (Oral Presentation)  
Jordan University Stem Cell Initiative  
Amman – Jordan

**HAMDAN AA.**  
Dental Stem Cells. (Oral Presentation)  
Jordanian Society of Pediatric Dentistry  
Amman – Jordan

- 2011: ABUKARAKY AE, AFIFEH KA, KHATIB AA, KHDAIRI NO, HABARNEH HM, AHMAD WKH, **HAMDAN AA**, SAWAIR FA  
Antibiotics prescribing practices in oral implantology among Jordanian dentists. A cross sectional, observational study. *BMC Res. Notes* 2011 (28), 4: 266.
- 2012: BAQAIN ZH, AL-SHAFII A, **HAMDAN AA**, SAWAIR FA.  
Flap design and mandibular third molar surgery: a split-mouth randomized clinical study. *Int. J. Oral Maxillofac. Surg.* 2012 ; 41(8) : 1020-1024.
- HAMDAN AA**, LOTY S, ISAAC J, TAYOT JL, BOUCHARD P, KHRAISAT A, BERDAL A, SAUTIER JM.  
The effect of globin scaffold on osteoblast adhesion and phenotype expression *in vitro*. *Int. J. Oral Maxillofac. Implants* 2012; 27(5): 1096-1105.
- 2013: **HAMDAN AA.**  
Management of Multiple Gingival Recessions. (Oral Presentation)  
14<sup>th</sup> Scientific Day – Jordanian Dental Association – Aqaba Division  
Aqaba – Jordan
- 2014: **HAMDAN AA.**  
Soft Tissue Factors in Dental Implantology. (Oral Presentation)  
Jordanian Dental Association – Zarqa Division  
Ma'in – Jordan
- 2015: **HAMDAN AA.**  
Role of platelet preparations in tissue regeneration: what does the biology say?  
4<sup>th</sup> Conference of Zarqa Division  
Jordanian Dental Association – Zarqa Division  
Zarqa – Jordan
- HAMDAN AA.**  
Treatment of gingival recessions: tunnel technique. (Oral Presentation)  
19<sup>th</sup> Conference of Irbid Division  
Jordanian Dental Association – Irbid Division  
Irbid – Jordan
- HAMDAN AAS**, ABU KARAKY A, SHAQMAN M, BAQAIN Z, BERDAL A.  
Effect of platelet lysates on osteoblastic cell proliferation and differentiation. A review of *in vitro* studies.  
8<sup>th</sup> Congress of the European Federation of Periodontology (Europerio 8), London – United Kingdom.
- 2016: **HAMDAN AA**, ALHADIDI A, AL-TARAWNEH S, BAQAIN Z.  
Implant placement and loading protocols in the esthetic zone.  
ITI Study Club Amman  
Amman – Jordan



2017:

**HAMDAN AA.**

Immediate implant placement: why, why not?  
ITI Study Club Amman  
Amman – Jordan

**HAMDAN AA, HUSBAN M.**

Single Implant: The smart way!  
Jordan Association of Dental Students Mini Conference  
Amman – Jordan

**HAMDAN AA.**

Platelet preparations in implant dentistry; do we really need them?  
25<sup>th</sup> Jordanian International Dental Conference  
Amman – Jordan

**HAMDAN AA.**

Role of platelet preparations in tissue regeneration: what does biology say?  
2<sup>nd</sup> MegaGen Middle East and Africa Scientific Meeting  
Dead Sea – Jordan

2018:

**HAMDAN AA.**

Immediate implants in the esthetic zone: Bone grafting or not?  
First International Dental Congress of Arab Dental Federation  
Cairo – Egypt

ALTARAWNEH S, ALHADIDI A, **HAMDAN AA**, SHAQMAN M, HABIB E.  
Assessment of bone dimensions in the anterior maxilla: a cone beam computed tomography study. *J Prosthodont* 2018; 27(4):321-328.

ABUKARAKY A, **HAMDAN AA**, AMEERA MN, NASIEF M, HASSONA Y.  
Quality of YouTube™ videos on dental implants. *Med Oral Patol Oral Cir Bucal*.  
2018; 23(4): e463-e468.

2019:

**HAMDAN AA.**

Implants in the esthetic zone: the challenge!  
Saudi International Dental Conference 2019 (SIDC 2019)  
Riyadh – Kingdom of Saudi Arabia

**HAMDAN AA.**

Complications in Implant Dentistry: A Periodontal Perspective  
Sixth International Implantology Congress  
Ramallah - Palestine

**HAMDAN AA, SHAQMAN M, ABU KARAKY A, HASSONA Y, BOUCHARD P.**  
Medical reliability of a video-sharing website: the gingival recession model. *Eur J Dent Educ* 2019; 23 (2): 175-183.

**HAMDAN AA.**

Factors influencing self-reported use of mouthwashes among dental patients in Amman, Jordan. *Jordan Medical Journal* 2019; 53 (3): 147-155.

SALLAM M, AL-FRAIHAT E, DABABSEH D, YASEEN A, TAIM D, ZABADI S, **HAMDAN AA**, HASSONA Y, MAHAFAZAH A, ŞAHIN GÖ.

Dental students' awareness and attitudes toward HPV-related oral cancer: a cross sectional study at the University of Jordan. *BMC Oral Health* 2019 Aug 1;19 (1):171.

ABU KARAKY A, ALHADIDI A, **HAMDAN AA**, HAMDAN M, ALSOLEIHAT F.

Morphometric predictors of lingual undercut depth in the posterior mandible and their relevance to immediate dental implant insertion: Recommendations for CBCT. *Int J Morphol* 2019; 37(3): 947-952.

2020: ALTARAWNEH S, **HAMDAN AA**, ALHADIDI A, HATTAR S, AL-RABAB'AH M, BAQAIN Z.

Esthetic Outcome of Immediately Placed and Non-Functionally Loaded Implants in the Anterior Maxilla Utilizing a Definitive Abutment: A Pilot Clinical Trial. *Dent Res J (Isfahan)* 2020; 17 (2): 92-99.

SHAQMAN M, **HAMDAN AA**, KARADSHEH O, SAWAIR F, HASSONA Y.

Desquamative gingivitis: a challenging diagnosis for clinicians. *Br Dent J* 2020; 229 (1): 26-30.

**HAMDAN AA.**

New perspectives in non-surgical periodontal therapy.

12<sup>th</sup> Dental Facial Cosmetic International Conference  
(Livestream November 2020)

Dubai – United Arab Emirates

2021: HATTAR S, ALHADIDI A, ALTARAWNEH S, **HAMDAN AA**, SHAINI FJ, WAHAB FK.  
Dental students' experience and perceived confidence level in different restorative procedures. *Eur J Dent Educ* 2021; 25 (1): 207-214.

**Workshops (as instructor)**

2009: Principles of Implant Dentistry for Complex cases  
University of Jordan  
Amman – Jordan

2010: Principles of Implant Dentistry  
Jordanian Dental Association – Irbid Division  
Irbid – Jordan

2012: Training Diploma in Implant Dentistry  
University of Jordan & DGOI  
Amman – Jordan

2013: Training Diploma in Implant Dentistry  
University of Jordan & DGOI  
Amman – Jordan

Esthetics & Function in Implant Dentistry – Surgical & Prosthetic Concepts: Part I  
University of Jordan  
Amman – Jordan

2014 - 2019: Advanced Training Program in Implant Dentistry  
University of Jordan  
Amman – Jordan

2019: Comprehensive Training Program in Oral Implantology  
University of Jordan  
Manama – Kingdom of Bahrain

### **Clinical and Research interests**

- Bone biology
- Periodontal wound healing – Bone healing
- Bone regeneration
- Bone tissue engineering
- Periodontal and peri-implant plastic surgery
- Dental education

### **Languages**

Arabic: Mother language  
English: Excellent  
French: Excellent