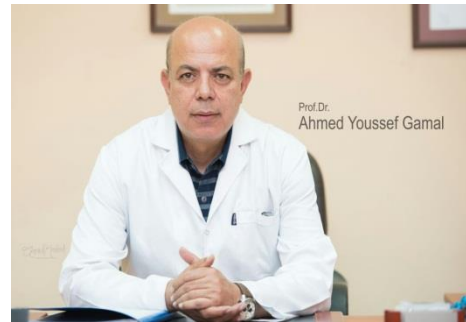


Last updated, April 2024

## CURRICULUM VITAE



**Name: AHMED YOUSEF MOHAMED GAMAL**

**Title: Professor of Oral Medicine and Periodontology Department, Faculty of Dental Medicine, Ain Shams University and Misr University for Science and Technology, Cairo – Egypt.**

**Honorary Professor, School of Dentistry, University of Birmingham.**

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[Ahmed.yousef@must.edu.eg](mailto:Ahmed.yousef@must.edu.eg)

<b>1979</b>	<b>Received his bachelor degree from faculty of dental medicine, Cairo university</b>
<b>1980- 1981</b>	<b>Military service, executive dental officer, Presidential Guard hospital Dental Clinic.</b>
<b>1982-1984</b>	<b>General practitioner Zakazeek university, Banha branch.</b>
<b>1985</b>	<b>Instructor, oral medicine and Periodontology department, Al Azhar University.</b>
<b>1985 - 1988</b>	<b>Associate lecturer, Oral medicine and Periodontology Department, Al Azhar University.</b>
<b>1988 - 1993</b>	<b>Lecturer, Oral Medicine and Periodontology, Al Azhar University.</b>

<b>1993 - 1998</b>	Associate professor, Oral Medicine and Periodontology, Al Azhar University.
<b>1998 - 2013</b>	Professor, Oral medicine and Periodontology, Al Azhar University.
<b>1996</b>	Post-Doctoral fellow, Medical College of Georgia, School of Dentistry, Augusta, Georgia, USA.
<b>1998</b>	Visiting fellow, Medical College of Georgia, School of Dentistry, Augusta, Georgia, USA.
<b>2009</b>	Visiting professor, Medical College of Georgia, School of Dentistry, Augusta, Georgia, USA.
<b>2008 – 2013</b>	Part timer professor MSA university (undergraduate) , Ain Shams university (postgraduate)
<b>August 2012- September 2013</b>	Chairman of Oral Medicine and Periodontology Department, Faculty of Dental Medicine, Al Azhar University
<b>September 2013 – 2017</b>	Professor of Oral Medicine and Periodontology, Ain Shams University – post graduate program director
<b>Sept 2014 – 2018</b>	Part timer professor MIU university
<b>November 2014 – 2017</b>	Chairman of Oral Medicine and Periodontology Department, Faculty of Dental Medicine, Ain Shams University
<b>2015-2017</b>	Director of clinical master implantology program, Ain Shams University
<b>2017</b>	Chair of the international cooperation office, Faculty of Dentistry, Ain Shams University
<b>2018 – 2021</b>	Dean faculty of dentistry , Nahda University , Banei sweif, Egypt
<b>2021-2023</b>	Vise dean for post grad affairs – Faculty of Dentistry – Oct. 6 university
<b>2023 – present</b>	Director of post grad program , Misr university for science and technology

**Master degree thesis**

Gingival healing after hand and ultrasonic scaling (Clinical, histological and histochemical study). Faculty of Dental Medicine, Al Azhar University, 1984.

**PhD thesis**

Clinical evaluation of surgical versus non-surgical treatment of periodontal pockets. Faculty of Dental Medicine, Al Azhar University, 1987.

## **EDUCATION**

**1979:** Graduated from Faculty of Dental Medicine, Cairo University

**1982:** HDD, Oral Medicine and Periodontology, Cairo University.

**1985:** MD, Oral Medicine and Periodontology, Al Azhar University.

**1988:** Ph.D. Oral Medicine and Periodontology, El Azhar University.

**1996:** Post doctor , school of dentistry , Medical College of Georgia, Augusta, USA

## **MAIN AREAS OF INVESTIGATION**

- 1 SEM Studies in periodontal health and disease.**
- 2 Periodontal regenerative surgeries.**
- 3 Biology of periodontal regeneration.**
- 4 Root conditioning agents.**
- 5 Guided Tissue Materials.**
- 6 Local delivery vehicles.**
- 7 Cell therapy**

## **Major Research Advisor Thesis:**

- 1 Effect of smoking on salivary components and periodontal health, Master Degree 1989.**
- 2 Epidemiological study of chronic inflammatory periodontal diseases in suez population, Master Degree 1994.**
- 3 Detection of hepatitis C viral RNA in saliva and serum of chronic hepatitis patients, Master Degree 1996.**
- 4 The effect of smoking on the attachment of human periodontal ligament fibroblasts to periodontally involved root surfaces, Master Degree 2000.**

- 5 The use of vinyl styrene micro beads (VSM) as carriers of growth factors and osteoblasts. PhD thesis at the medical collage of Georgia, School of dentistry, Augusta, Georgia. 2004**
- 6 The effect of application of platelet rich plasma gel on healing of infra bony defects, PhD 2004.**
- 7 The effect of EDTA gel etching on clearance rate of chlorhexidine from periodontally involved root surfaces, MD 2004.**
- 8 The effect of topical application of EDTA gel on chlorhexidine substantivity to periodontally involved root surfaces. MD 2004**
- 9 Efficacy of commencement of medical treatment on orodental manifestations among thalassemia major patients. MD 2007.**
- 10 Histologic evaluation of a newly formed tissues following marginal periosteal pedicle flaps. MD 2007.**
- 11 The effects of EDTA gel, Chlorhexidine root surface preconditioning on healing following surgical treatment of intrabony lesions. MD 2007**
- 12 Matrix Metalloproteinases and Cytokines Expression in Healthy and Diseased Periodontal Ligament Cells under Cyclic Hydrostatic Compressive Stresses: Genes and Proteins Related to Mechanobiology. Ahmed Y Gamal, Carol A. Lapp, Ossama Sayed El-Shall & Ahmed R El-Awady, El Azhar University, Egypt- Medical College of Georgia , Augusta, Georgia. USA**
- 13 Marginal Periosteal Pedicle Flap as an Autogenous Guided Tissue Membrane Versus collagen membrane for the Treatment of Intrabony Periodontal Defects. MD 2009**
- 14 Quantification of PDGF-BB levels following the use of marginal periosteal pedicle graft as an autogenous guided tissue membrane for the treatment of INTRABONY DEFECT. MD 2009**
- 15 Marginal periosteal pedicle flap with and without platelet rich fibrin for the treatment of intrabony defects. MD, Ain shams university 2009**

- 16 Collagen membranes versus vascularized marginal periosteal pedicle grafts as a barriers for the treatment of peri - implant bone defects (Clinical – Biochemical analysis). PhD El Azhar university 2010**
- 17 Doxycycline loaded resorbable guided tissue membrane and bone grafts with and without EDTA root surface etching in the treatment of intrabony defects . PhD El Azhar university 2010**
- 18 Bone Morphogenetic Proteins – 2 Release Profile in Gingival Crevicular Fluid After Use of Perforated Membrane Barrier to Treat Localized Intrabony Defects. MD Al Azhar university 2012.**
- 19 Marginal periosteal pedicle flap as an outogenous guided tissue membrane versus collagen membrane for the treatment of intrabony periodontal defects. MD Al Azhar university, Girls ranch 2012**
- 20 The use of perforated versus non-perforated acellular dermal matrix and coronally positioned flap for treating localized gingival recession (Clinical and radiographic evaluation). Master, Al Azhar 2013**
- 21 The use of perforated versus non-perforated EPTFe membrane for treating furcation involvement (Clinical, SEM and histologic evaluation). PhD Ain Shams university**
- 22 The use of marginal periosteal pedicle grafts as an autogenous filling material for intrabony defects in humans. MS Ain Shams University**
- 23 The use of marginal periosteal pedicle graft to treat localized suprabony defects in humans (Randomized clinical trial) MS Al Azhar University**
- 23. The use of perforated alloderm for the treatment of gingival recession (randomized clinical study). Al Azhar university, 2013**
- 24. Gingival fibroblasts and gingival mesenchymal stem cells dynamics, bone associated macromolecules expression and membrane stiffness at different guided tissue membrane perforation diameters ( In Vitro study) PHD Ain Shams**
- 25. Isolation and characterization of gingival mesenchymal stem cells from healthy and**

**inflamed gingival tissue: migration and proliferation potential through a guided tissue membrane. (In vitro study) . PHD Ain shams and Stony Brook University**

**26. The use of perforated versus non-perforated EPTFe membrane for treating furcation involvement -Clinical, SEM and histologic evaluation. PHD Ain Shams university**

**27. Evaluation of IL1 level in the gingival cervicular and amniotic fluid of patients with preterm labor. Master Ain Shams University**

**28. Evaluation of prostaglandin levels in the gingival cervicular fluid and amniotic fluid in patients with preterm labor. Master Ain Shams University**

**29. Evaluation of BMP- 1 and VEGGF in the gingival cervicular fluid following the use PRF or PRGF/ alloplasts to treat intrabony defects. Master Ain Shams University**

**30. In vitro evaluation of human gingival fibroblasts - GMSCs dynamics through perforated guides tissue membranes : cell proliferation, migration and membrane stiffness MD Ain Shams University**

**31. Evaluation of gingival fibroblasts and gingival mesenchymal stem cells dynamics and osteogenic differentiation through perforated membranes (In vitro study) Ph D Ain Shams University**

**32. Antimicrobial activity of Subgingivally delivered Plasma Rich in Growth Factors as an Adjunctive to closed mechanical debridement in patients with Chronic Periodontitis (In vivo study) MS Ain Shams university**

**33. The Use of Simvastatin Gel with Perforated Resorbable Membranes in the Treatment of Intrabony Defects in Chronic Periodontitis Patients (Clinical and Biochemical Study), PhD Ain Shams 2015**

**34. Effect of Acemannan, an Extracted Polysaccharide from Aloe Vera, And Simvastatin on Bone Substitute Outcomes for Implant Site Development (Clinical and Histological Evaluation) PhD Ain Shams University 2016**

**35. "Effectiveness of flapless versus envelope surgical technique with provisionalization on soft tissue augmentation and preservation of labial plate of bone in immediate dental implants in the esthetic zone" MD Ain Shams Universty 2016**

**36. Shell Technique and Its Modification in Horizontal Ridge Augmentation for Dental Implant Site Development: Histological, Histomorphometric and Radiographic Study. MD Ain Shams university 2016**

**37. In Vitro Evaluation of Human Gingival Fibroblasts Functional Activities over Nano and Micro Sized Biodegradable scaffolds. MD Ain Shams University 2015**

**38. Comparative study of xenogenic collagen membrane and novel alloplastic membrane based nano-composite powder and polycaprolactone (PCL) nano-fibers for guided bone regeneration. MD Ain Shams University 2017**

**39. Customized Titanium Mesh versus Titanium Reinforced Membrane in localized Alveolar Ridge Augmentation with Simultaneously delayed implant placement” A randomized clinical study. MD Ain Shams University 2017**

**40. Treatment of Periodontal Intrabony Defects with Dense Leukocyte and Platelet-Rich Fibrin (L-PRF) Membrane Alone or in Combination with Collagen Membranes (Randomized Clinical and Biochemical Trial) PhD Ain Shams University**

**41. Curcumin-Simvastatin release profile in the gingival crevicular fluid following EDTA root surface etching and surgical treatment of intrabony periodontal defects (biochemical and clinical study) MD Ain Shams University 2017**

**42. The Use of Chlorhexidine Gel Following EDTA Root Surface Etching as an Adjunctive to Open Flap Debridement in Treating Intra-Bony Defects. (Randomized Clinical Trial) MD Ain Shams University**

**43. THE USE OF SUB-MARGINAL PERIOSTEAL PEDICLE GRAFT AS A VASCULARIZED AUTOGENOUS FILLING MATERIAL FOR TREATING INTRABONY DEFECTS MD Ain shams University 2016**

**44. Local Curcumin Paste Delivery in Surgical Treatment of Intrabony Periodontal Defects -Clinical and Release Profile Evaluation MD 2017**

**45. The effect of using of i-PRF on filling of the gap of immediate dental implant in the esthetic zone. randomized clinical trial, master**

thesis 2019.

46. Customized titanium mesh versus titanium reinforced membrane in localized alveolar ridge augmentation with simultaneously delayed implant placement, randomized clinical study. Ain Shams University MsD Oct 2020.

### **Major Membership on thesis dissertation committees:**

- 1 Periodontal regeneration of human intra bony defects: A clinical and in vitro evaluation, PhD 1999, Al Azhar University.**
- 2 The possible interactions between human cytomegalovirus and Propyromonas gingivalis in the etiopathogenesis of chronic periodontitis. PhD 2006. Al Azhar university, Assuit branch.**
- 3 Effects of local delivery autogenous platelet rich plasma gel preparation with or without autogenous bone graft on periodontal regeneration. PhD 2006, Suez canal university.**
- 4 Combined autogenous bone graft and bioabsorbable polylactic polyglycolic polymers for treatment of intrabony defects. MD 2007, Al Azhar university, Assuit branch.**
- 5 The effects of periodontal treatment on glycemic control in patients with type 2 diabetes mellitus. PhD 2007, Cairo University.**
- 6 Evaluation of C - reactive protein and interleukin-6 as inflammatory markers for cardiovascular diseases risk in periodontitis patients. PhD 2007, Cairo University**
- 7 The role of TNF Alfa in the metabolic control of diabetes type 2 in patients with chronic periodontitis. PhD Cairo University.**
- 8 Evaluation of ridge expansion and compression using a new generation of**



- dental implant design. MD Cairo University 2008
- 9 Clinical and immunological study on the effect of Levamisole in management of recurrent aphthous ulcerations. MS Al Azhar university-Asuit branch 2009
  - 10 Expression of human beta –defensin in smoker’s versus non smoker’s chronic periodontitis. MS Al azhar University Asuit branch 2009
  - 11 Histological evaluation of collagen binding peptide enhanced bone graft on periodontal wound healing. MD Cairo University 2009
  - 12 Isolation of multipotent stem cells from human periodontal ligament. MD Cairo University 2009
  - 13 Evaluation of periosteal grafts as barriers for management of intrabony defects. PhD Cairo University 2009.
  - 14 Clinical evaluation of minimally invasive surgical technique (MIST)) versus subgingival debridement in treatment of patients with deep periodontal defects. MS Cairo university
  - 15 The use of ozonized water as an adjunctive to scaling and root planning in the treatment of chronic periodontitis. MS Cairo University.
  - 16 Evaluation of attachment and proliferation of periodontal ligament cells on bioabsorbable guided tissue membranes (An in vitro study) MS Cairo university (Feb 2011)
  - 17 Evaluation of osteotome-mediated sinus floor lifting with and without bone augmentation material with simultaneous implant placement PhD Cairo university (April 2011)
  - 18 Interrelationship between periodontal diseases and threatened premature labor. Master degree , el Azhar university (June 2011)
  - 19 Clinical evaluation of platelet rich plasma and acellular dermal matrix allograft in the management of gingival recession MS Ain Shams University.
  - 20 Evaluation of the use of mesenchymal stem cells in periodontal regeneration

- (animal study). April 2012 PhD Kasr El ainy, Cairo University.
- 21 The effect of undifferentiated mesenchymal bone marrow stem cells on healing of fresh extraction sockets. June 2012 Master degree, Ain Shams University.
  - 22 Cyclin-dependant Kinase 2 (CDK2) Expression in Pemphegus Vulgaris and Bollous Pemphegoid : An Immunohistochemical study. PhD Kasr El Ainy, Cairo University. July 2012
  - 23 Effects of Khat Chewing on the Periodontium (Clinical, Histological and Immunohistochemical study). Ph D , Kasr El Ainy, Cairo University. July 2012
  - 24 The effect of adjunctive use of N-Acetyl Cystine treatment with periodontal therapy on chronic periodontitis patients on soluble receptor activator nuclear factor kappa-B (sRANKL) level in gingival crevicular fluid. Ph D , Kasr El Ainy, Cairo University. August, 2012.
  - 25 Leptin levels in gingival crevicular fluid in periodontal health, chronic and aggressive periodontitis. Master, Kasr El Ainy June, 2013.
  - 26 Clinical evaluation of the effectiveness of platelet rich plasma versus PRP in combination with bioresorbable bone graft in treatment of periodontal osseous defects in human. PhD, Kasr El Ainy, Cairo University. Feb. 2013
  - 27 A clinical and biochemical assessment of Oncostatin M level in GCF in patients with periodontal diseases before and after periodontal treatment. Master Degree, jun 2013 , Ain Shams university.
  - 28 Esthetic and radiographic outcomes of immediate implant placement with or with or without connective tissue graft. PhD Ein Shams University May 2014
  - 29 Treatment of intrabony defects in chronic periodontitis pateints by beta tricalcium phosphate coated with polylactic polyglocolide (clinical and radiographic study). MS Nov 2014, Al Azhar university, Asuit branch
  - 30 Immediate dental implant with biphasic calcium phosphate coated by

- polylactide-co-glycolide versus immediate dental implant alone. MS Nov 2014, Al Azhar university, Asuit branch
- 31 Autogenous block only bone graft versus xenogenic cortical bone lamina in alveolar ridge augmentation: a clinical, radiographic and histological evaluation. PhD December 2014 Ain Shams University.
  - 32 Clinical and hestomorphometric evaluation of the regenerative potential of gingival mesenchymal stem cells in collagen and nano-hydroxyapatite scaffolds in treatment of periodontal defects (expremnetal study) Master degree Ain Shams University. March 2015
  - 33 The effect of platelet rich fibrin on the coronally positioned flap root coverage procedure, PhD Cairo University, March 2015
  - 34 The use of expanded mesenchymal stem cells loaded on platelet rich fibrin scaffold in treatment of induced vertical alveolar ridge defects : an experimental study . PhD , Ain Shams University, 12-2015
  - 35 Evaluation of injectable vitamin C as a depigmenting agent in physiologic gingival melanin – hyperpigmentation: A randomized clinical trial. MsD . Cairo University. 12- 2015
  - 36 Management of intrabony defects by different surgical and regenerative treatment modalities (A comparative clinical and radiographic study). PhD Al Azhar University. Asuit Branch. January 2016
  - 37 Clinical evaluation of amnion chorion membrane in comparison to Subepithelial connective tissue graft in gingival recession coverage: a randomized controlled clinical trial. Master Cairo University Jan. 2016
  - 38 Restoration of immediate peri-implant defect by Simvastatin: Controlled Clinical and Cone Beam computed Tomography Study. Master Ain Shams University, November 2016
  - 39 Clinical evaluation of modified free gingival graft versus subepithelial connective tissue graft for soft tissue augmentation around immediately placed dental implants. Master Cairo University Jan.2017

- 40 **Clinical and radiographic evaluation of different neck design of dental implants on peri implant status , Master Al Azhar University, Asuit Branch March 2017**
- 41 **Efficiency of regenerative materials and ultrasonic ridge splitting technique with simultaneous implant placement into narrow alveolar ridge. PhD Al Azhar University Asuit Branch, March 2017**
- 42 **Evaluation of subantimicrobial dose doxycycline on dental implant osseointegration in type II diabetic patients. PhD Al Azhar university, Girls Branch April 2018**
- 43 **Evaluation of obesity as a possible modifier of the health of peri implant tissues , clinical and biochemical prospective study , master thesis , ain shams University 2019**
- 44 **Effect of monolayer versus multilayer leukocyte platelet rich plasma (L-PRF) in interdental papillary reconstruction, master thesis , ain shams university 2020.**
- 45 **Efficiency of free gingival graft in treatment of localized gingival recession in smokers and non smokers : donor site healing, graft shrinkage and success. Al Azhar university master thesis**
- 46 **Prevalence of periodontitis stage III and VI : a hospital based cross sectional study on a sample of adult Egyptian dental patients, MSD Cairo University Oct. 2020**
- 47 **Clinical comparisons of peri implant soft tissue esthetic around single delayed implant with immediate provisionalization placed in the esthetic zone with and without using Subepithelial connective tissue graft , randomized clinical trial. MsD Cairo University Oct 2020**

#### **MAIN PUBLICATIONS AND PRESENTATIONS:**

- 1 The effect of local delivery of PDGF-BB on attachment of human periodontal ligament fibroblasts to periodontitis-affected root surfaces- in vitro. Ahmed Y Gamal and Jason M Mailhot. Journal of Clinical Periodontology 27

(5), 347-353: 2000.

2 Effect of cigarette smoking on human PDL fibroblasts attachment to periodontally involved root surfaces- in vitro. Ahmed Y Gamal and Mohamed M Bayomy. Journal of Clinical Periodontology 2002; 29: 763-770.

3 The effect of EDTA gel conditioning exposure time on periodontitis affected human root surfaces: surface topography and PDL cell adhesion. Ahmed Y Gamal and Jason M Mailhot. Journal of the International Academy of Periodontology, January 2003.

4 A Novel Marginal Periosteal Pedicle Flap as an Autogenous GTM for the Treatment of Intrabony Periodontal Defects. Ahmed Y. Gamal, B.C.D., M.S., Ph.D. , Jason M. Mailhot, D.M.D., M.S. \* Journal of the International academy of Periodontology, 2008 10/4:106-117

5 Platelet Derived growth factor BB treated osteoprogenetors inhibit bone regeneration Khalid M. Marzouk, PhD; Ahmed Y. Gamal, PhD; Akram A. Al-Awady, PhD; Mohamed M. Sharawy, PhD Journal of oral implantology volume 34, issue 5, 242- 247, 2008

6 Osteoconductive Effects of Vinyl Styrene Microbeads in Rat Calvarial Defects Khaled Marzouk, Ahmed Y Gamal, Akram E Awady, M Sharawy.. Journal of Oral and Maxillofacial Surgery. 2007; 65: 8, 1508-1516.

7 M. Sharawy,K. Marzouk, A. Gamal, and A. Al-awady: Vinyl Styrene Microbeads as carriers of Osteoblasts and growth factors. J dent res 85(spec iss A):1606, 2006

8 EFFECTS OF EDTA GEL PRECONDITIONING OF PERIODONTALLY AFFECTED HUMAN ROOT SURFACES ON CHLORHEXIDINE SUBSTANTIVITY – AN SEM STUDY. Ahmed Y Gamal and Jason M Mailhot JOURNAL OF PERIODONTOLGY 2007; 78:1759-1766.

9 Clinical re-entry and Histologic Evaluation of Periodontal Intrabony

Defects Following the use of Marginal Periosteal Pedicle Graft as an Autogenous Guided Tissue Membrane. Ahmed Y. Gamal, B.C.D., M.S., Ph.D. \*Mohamed Gomma, M.S., Ph.D. \* Osama El Shall, M.S., PhD \*Mahmoud Abo El-farag B.C.D \* Jason M. Mailhot, D.M.D., M.S.† JOURNAL OF THE INTERNATIONAL ACADEMY OF PERIODONTOLOGY, 2010; 12: 76-89

10 Periodontal Ligament Fibroblasts Sustain Destructive Immune Modulators of Chronic Periodontitis A.R. El-Awady<sup>1</sup>, R.L.W. Messer<sup>2, 4</sup>, A.Y. Gamal<sup>1</sup>, M.M. Sharawy<sup>2</sup>, K.H. Wenger<sup>3</sup> and C.A. Lapp<sup>2</sup> . Journal of Periodontology, 2010;81:1324-1335.

11 12 Chlorhexidine controlled release profile after ethylene diamine tetraacetic acid root surface etching- An in vivo study Ahmed Y Gamal M.S., Ph.D\*Radi M Kumper M.S., PhD\* Hesham S Sadek \*\*,Mahmoud T El Destawy PDSc.\* J Periodontol 2011;82:751-757.

14 An in vivo study of Platelet Derived Growth Factor-BB release profile in the gingival cervicular fluid following the use of marginal periosteal pedicle graft as an autogenous guided tissue membrane for the treatment of localized intrabony defects. Ahmed Yousef Gamal\*Ossama Sayed Ahmed El-Shall\*Eman Mohammed Fakhry \* J Periodontol 2011;82:272-280.

15 The effect of EDTA gel conditioning exposure time on periodontitis affected human root surfaces: surface topography and PDL cell adhesion.

Ahmed Y Gamal and Jason M Mailhot. Journal of Periodontology, 2002, Vol. 73, No. 11, Pages 1396-1403 (doi:10.1902/jop.2002.73.11.1396), 2002 Research Forum Poster bstracts.)

16 Medical image analysis, volume 5, issue 8, pages 1508-1516 (August 2007) Osteoconductive Effects of Vinyl Styrene Microbeads in Rat Calvarial Defects Khalid Mohamed Marzouk, BDS, NDB, MS, PhD , Ahmed Y. Gamal, BDS, MS, PhD†, Akram A. Al-Awady, BDS, MS, PhD‡, Mohamed M. Sharawy, BDS, PhD§

17. Enhanced  $\beta$  -Tricalcium Phosphate Blended Clot Adhesion to EDTA

Biomodulated Periodontally Affected Root Surfaces (In Vivo-SEM Evaluation).  
Ahmed Yousef Gamal Journal of Periodontology 2011 82:11, 1587-1595

18. A Novel Approach for Enhanced Nano Particle Sized Bone Substitute Adhesion to Chemically Treated Peri-implantitis Affected Implant Surfaces (An in-vitro proof of principle study) Ahmed Y Gamal\* Khaled A. Abdel-Ghaffar π Vincent J Iacono Ω J Periodontol 2013;84:239-247.

19. A Novel Approach to the Use of Doxycycline-Loaded Biodegradable Membrane and EDTA root surface etching in Chronic Periodontitis: (A Randomized Clinical Trial) Ahmed Y Gamal MD, PhD\* Radi M Kumper MD, PhD\* Journal Periodontol 2012;83:1086- 1094.

20. Mixed Nano/Micro-Sized Calcium Phosphate Composite and EDTA Root Surface Etching Improve Availability of Graft Material in Intrabony Defects: An In Vivo Scanning Electron Microscopy Evaluation Ahmed Y. Gamal\* and Vincent J. Iacono † Journal of Periodontology 2013;84:1730-1739.

21. Enhancing Guided Tissue Regeneration of Periodontal Defects by Using a Novel Perforated Barrier Membrane: A Randomized Clinical Trial Ahmed Y Gamal\* Vincent J Iacono Ω Journal of periodontology, 2013;84: 905-913..

22. Human periodontal ligament fibroblasts response to PDGF-BB and IGF-1 application on tetracycline HCL conditioned root surfaces.

Ahmed Y Gamal Oral presentation at the 84th American academy of periodontology meeting, Boston, USA. 1998.

23. The effect of local delivery of platelet-derived growth factor –BB on attachment of human periodontal ligament fibroblasts to periodontitis affected root surfaces in vitro. Ahmed Y Gamal and Jason M. Mailhot. Oral presentation at the 9th international dental congress of the Egyptian dental association 16-19 Nov.1999 held in Cairo Marriott hotel.

24. Interrelations between periodontics and endodontics. Ahmed Y Gamal Oral presentation, 1st International Endodontic Meeting, Egyptian association of endodontics Sept. 30th, 2000.

25. Human PDL fibroblasts adhesion to a periodontally involved root surfaces in smokers (SEM study). Ahmed Y Gamal. Poster presentation at the 4th EADPH congress held in September 14-15, 2000, Cork, Ireland.

26. The effect of EDTA gel conditioning exposure time on periodontitis affected human root surfaces: surface topography and PDL cell adhesion. Ahmed Y Gamal and Jason M Mailhot. Poster presentation at the American academy of periodontology meeting held in New Orleans, Louisiana 2002.
27. The effect of application of different concentrations of PDGF-BB on repopulation of the root surface by periodontal ligament fibroblasts. Ahmed Y Gamal Oral presentation at the 8th international dental congress of the Egyptian Clinical Dental Society 19-21 March 1998.
28. Effect of variation in PH and exposure time of various etchants on periodontally involved human root surface morphology and biocompatibility. Ahmed Y Gamal and Jason M Mailhot Oral presentation at the 10th international dental congress of the Egyptian Clinical dental Society 12-14 April 2002.
29. The relationship between the pulp and the periodotium-CLINICAL IMPLICATIONS Ahmed Y Gamal Oral presentation, 2nd International Endodontic Meeting, Egyptian Association of Endodontics Oct. 9th-11th, 2002.
30. Effects of cigarette smoking on human periodontally affected root surface biocompatibility-an in vitro study. Ahmed Y Gamal Poster presentation 9th Biennial meeting of the international academy of periodontology, Cape Town, South Africa, 24-27 Oct. 2003.
31. Tissue engineering and periodontal regeneration- Delivery vehicle for growth factors and osteoblasts. Ahmed Y Gamal Oral presentation at the international meeting of the Clinical Egyptian Association, Egypt, Meridian, 25-27 march, 2004.
32. THE ROLE OF BIOLOGICAL MODULATORS IN PERIO- ENDO THERAPY Ahmed Y Gamal Oral presentation at the Egyptian association of endodontics Sept. 30th, 2004, Marriot.
33. A Novel Marginal Periosteal Pedicle Flap as an Autogenous GTM for the Treatment of Intrabony Periodontal Defects. Ahmed Y. Gamal, B.C.D., M.S.,



Ph.D. , Jason M. Mailhot, D.M.D., M.S. \* Oral presentation, 12th international dental congress, Egyptian Dental association, 29 Nov 2006 Marriott Hotel, Cairo, Egypt.

34. EDTA Gel Root Surface Pre-conditioning Increased Chlorhexidine Substantivity– SEM study. Ahmed Y. Gamal, B.C.D., M.S., Ph.D. , Jason M. Mailhot, D.M.D., M.S.† Poster presentation, 11th International Biennial Congress, INTERNATIONAL ACADEMY OF PERIODONTOLOGY , In association with THE SWISS SOCIETY OF PERIODONTOLOGY , 13 – 15 September 2007, Berne, Switzerland.

35. A Novel Marginal Periosteal Pedicle Flap as an Autogenous Guided Tissue Membrane for the Treatment of Intrabony Periodontal Defects- where do we stand now! Ahmed Y. Gamal, B.C.D., M.S., Ph.D. \* Oral presentation, The 1st International Congress, FACULTY OF Oral and Dental Medicine, Cairo University, Cairo- Intercontinental- City Stars, 25-28 March 2008

36. Periodontal Disease Alters The Response of Periodontal Fibroblast to Compression EL-AWADY1, K. WENGER1, A. GAMAL2, M. SHARAWY1, R. MESSER1, and C. LAPP1,

IADR/AADR/CADR 87th General Session and Exhibition (April 1-4, 2009), Miami Beach Convention Center in Miami, FL

37. A Novel Marginal Periosteal Pedicle Flap as an Autogenous Guided Tissue Membrane for the Treatment of Intrabony Periodontal Defects. Ahmed Y Gamal Oral presentation, department of Periodontology, Medical Collage of Georgia, School of Dentistry, Augusta, Georgia. Oct 23, 2008

38. MARGINAL PERIOSTEAL PEDICLE GRAFT- A NOVEL AUTOGENOUS GUIDED TISSUE MEMBRANE FOR TREATING LOCALIZED INTRABONY DEFECTS. Ahmed Y Gamal Oral poster presentation at the American Academy of Periodontology's 2009 Annual Meeting in Boston 12-15 sept. Boston Convention and Exhibition center. (8 finalist).

39. Biologic behavior of periodontal tissues following the use of marginal periosteal pedicle graft for treating localized intrabony defects; Ahmed Yousef Gamal Oral presentation, The 2nd International Congress, Faculty OF Oral and Dental Medicine, Cairo University, Cairo- Intercontinental- City Stars, 22-25, March 2009
40. Root Surface Etching - New Objectives in Periodontal Therapy Ahmed Y Gamal Oral presentation, international academy of Periodontology meeting, June, 11-13, 2011, Lviv – Ukraine
41. Enhanced clot blended graft and antimicrobials – root surface adhesion, more predictable ways of periodontal regeneration Ahmed Y Gamal M.S., Ph.D Oral presentation, international dental association, Cairo, intercontinental, October 25-28 /2011
42. DOXYCYCLINE-LOADED Beta-TRICALCIUM PHOSPHATE RELEASE PROFILE FOLLOWING ETHYLENE DIAMINE TETRAACETIC ACID ROOT SURFACE ETCHING. Poster presentation in the Research Forum Poster Session at the American Academy of Periodontology's 2011 Annual Meeting. 23-25 Nov Miami Beach
43. Doxycycline-loaded  $\beta$ -Tricalcium Phosphate Release Profile Following EDTA Root Surface Etching Improve the Clinical Outcomes in Chronic Periodontitis - An in Vivo Study Ahmed Y Gamal MSc, PhD\*, Radi M Kumper MSc, PhD\*, Abd El Reheem R Al Gendy\* Journal of Periodontol 2013;84:924-933.
44. "Human Periodontal Ligament Fibroblast Responses to Compression in Chronic Periodontitis" El-Awady AR, Lapp CA, Gamal AY, Sharawy MM, Wenger KH, Cutler CW, Messer RLW. Journal of Clinical Periodontology, Volume 40, Issue 7, pages 661–671, July 2013
45. Modified perforated membranes, a more predictable way to regenerate the

periodontium. (oral presentation AAP meeting Los Angeles Sept. 2012)

46. Modified perforated membranes - more predictable regeneration (IAP meeting, Shenzhen , china near Hong Kong, Shenzhen grand Hyatt, June 2013)

47. Physico-Chemical Characteristics of Bone Substitutes Influence their Outcomes in Periodontal Therapy 1st meeting of faculty of dentistry, Future University, Intercontinental, City Stars, EGYPT, April 2013

48. Physico-Chemical Characteristics of Bone Substitutes Influence their Outcomes in Periodontal Therapy- Part 2. Target Meeting, 1st World Dental Online Conference Texas, USA, August 13-15, 2013

49. Perforated Barrier Membranes –Predictable Way to Regenerate the Periodontium. Egyptian dental association, intercontinental, Cairo, Oct, 2013

50. International academy of periodontology conclave, Thailand, Bangkok, 12-15 April, 2014 (perforated membranes – predictable way to regenerate the periodontium)

51. Gingival Crevicular Fluid Bone Morphogenetic Protein – 2 Release Profile Following the Use of Modified Perforated Membrane Barriers in Localized Intrabony Defects. (Randomized Clinical Trial) Ahmed Y. Gamal\*, Mohamed Aziz\*\*, Mohamed Helmy\*\*, Vincent J. Iacono\*\*\* Journal of the international academy of periodontology, Dec. 2013

52. Blood Dendritic Cells: “Canary in the Coal Mine” to Predict Chronic Inflammatory Disease? Brodie Miles, Khaled A. Abdel-Ghaffar, Ahmed Y Gamal, Babak Baban and Christopher William Cutler *Frontiers in Microbiology*, 5:6. i:10.3389/fmicb.2014.

53. Perforated guided tissue membranes- more predictable regeneration. Oral presentation 100th annual meeting AAP, innovation in dentistry- San Francisco, Sept. 19-22, 2014

54. Periodontal regeneration- fact or fiction, position paper, supplement issue, Journal of the international academy of periodontology Feb. 2015

55. Insight into Future Development of More Reliable Guided Tissue Membranes, 1st international congress of the faculty of dentistry, Ain Shams University, Cairo, Egypt, 9-11 Sept 2014

56. Re-Osseointegration on Rough Implant Surfaces Following Surface Debridement and Detoxification (Biologic Challenges), oral presentation, 4th international meeting of the school of dentistry, Cairo University, Egypt 2015, 7-10 April, intercontinental.

57. Histomorphometric analysis of GMSCs in healthy versus inflamed gingival tissues

M. Al Bahrawy<sup>3</sup>, J. A. Carrion , M. Hanna, S. Patel, S. Ko, Ahmed Y Gamal, V. Iacono , Poster presentation AADR Boston and stony brook and long island annual meeting 2015.

American academy of periodontology.

58. Gingival Crevicular Fluid VEGF and PDGF-BB Release Profile Following the Use of Perforated Barrier Membranes during Treatment of Intrabony Defects: A Randomized Clinical Trial, Ahmed Y. Gamal, Khaled A. Abdel-Ghaffar, Vincent J. Iacono J Periodont Res 2015; doi:10.1111/jre.12321 . 2015

59. Crevicular Fluid Growth Factors Release Profile Following the Use of Platelets Rich Fibrin (PRF) and Plasma Rich Growth Factors (PRGF) in Treating Periodontal Intrabony Defects (Randomized Clinical Trial) Ahmed Y. Gamal\*, Khaled A. Abdel-Ghaffar\*, Osama Almarghany Algezwy\* J Periodontol 2016;87:654-662.

60. In Vito Evaluation of the Human Gingival Fibroblasts/ GMSC Dynamics

Through Perforated Guided Tissue Membranes: Cell Migration, Proliferation and Membrane Stiffness Assay Ahmed Y Gamal\*, Nahil N Al-Berry\*, Vincent J. Iacono  $\Omega$  Journal of Periodontal Research , Oct. 2016

61. American academy of Periodontology 102 annual meeting San Diago CL, 10-13 Sept 2016. Innovation in dentistry.

62. Adel-Khattab D, F. Giacomini, B. Peleska, R. Gildenhaar, G. Berger, C. Gomes, U. Linow, M. Hardt, J. Günster, M. Stiller, A. Houshmand, K.A. Ghaffar, A. Gamal, M. EL-Mofty, C. Knabe. Development of a synthetic tissue engineered 3D printed bioceramic-based bone graft with homogenously distributed osteoblasts and mineralizing bone matrix in vitro. J Tissue Eng Regen Med. 2016 Nov 15. doi: 10.1002/term.2362. (IF 4.71)

63. Adel-Khattab D, B. Peleska, M. Kampschulte, M. Stiller, R. Gildenhaar, G. Berger, C. Gomes, U. Linow, M. Hardt, J. Günster, A. Houshmand, K.A. Ghaffar, A. Gamal, M. EL-Mofty, C. Knabe. An intrinsic angiogenesis approach and varying bioceramic scaffold architecture affect blood vessel formation in bone tissue engineering in vivo. Key Engineering Materials 2017, Vol. 720, pp. 58-64 (IF 0.39).

65. D. Adel-Khattab D, F. Giacomini, B. Peleska, R. Gildenhaar, G. Berger, C. Gomes, U. Linow, M. Hardt, J. Günster, A. Houshmand, M. Stiller, K.A. Ghaffar, A. Gamal, M. EL-Mofty, C. Knabe. Development of a synthetic tissue engineered 3D printed calciumalkaliphosphate-based bone graft with homogenously distributed osteoblasts and mineralizing bone matrix in vitro. Key Engineering Materials 2017, Vol. 720, pp. 82-89 (IF 0.39).

66. Enhancing Guided Tissue Regeneration of Periodontal Defects by Using a Novel Perforated Barrier Membrane Ahmed Y. Gamal\* and Vincent J. Iacono† J Periodontol 2013;84: 905-913.

67. Dimensional Evaluation of Blood Clot Gap Distances within the Intrabony Defects Following Grafting and EDTA Root Surface Treatment - Experimental Study in Dogs. Ahmed Y Gamal \*, Khaled A. Abdel-Ghaffar \*, Mohamed G Zouair#, Mohamed H Samalma\*\*, Mahmoud T El Destawy Journal of

Periodontology: 89 (6) 691-698, 2018

68. PERFORATED BARRIER MEMBRANES IN PERIODONTAL REGENERATION (the possible positive role of gingival fibroblasts) Indian society of periodontology colloquium, Mumbai 21-22 July 2018

69. International Academy of Periodontology Research Conferences on Periodontal Diseases (IAPRC). Giessen, Germany from October 2 – October 6, 2018.

70. A Novel Approach of Periodontal Osseous Wall Piezosplitting and Sequential Bone Expansion in Management of Localized Intrabony Defects with Wide Angulation (Randomized Clinical Trial) submitted for publication JPR Nov 2018

71. The effect of periodontal defect angulations in the outcomes of periodontal therapy, oral presentation at Ajman school of dentistry UAE, April 2018

72. Regenerative potential of cultured gingival fibroblasts in treatment of periodontal intrabony defects (randomized clinical and biochemical trial) Mahetab Abdal-Wahab<sup>1</sup> | Khaled A. Abdel Ghaffar<sup>1</sup> | Ola M. Ezzatt<sup>1</sup> | Ahmed Abdel Aziz Hassan<sup>1</sup> | Mervat Mohamed S. El Ansary<sup>2</sup> | Ahmed Y. Gamal, J Periodont Res. 55 (3) 441-452, 2020.

73. Effect of Inflammation on Gingival Mesenchymal Stem/Progenitor Cells' Proliferation and Migration through Microperforated Membranes: An In Vitro Study M. Al Bahrawy , 1 K. Ghaffar, Gamal AY , K. El-Sayed, and V. Iacono Stem Cells International Volume 2020, Article ID 5373418, 10 pages <https://doi.org/10.1155/2020/5373418>

74. Influence of Different Decontamination Approaches on Bone Substitute Adhesion to Peri-Implantitis Affected Implant Surfaces: An SEM Proof of Principle Study Ahmed Y. Gamal, A, B Khaled A. Abdel-Ghaffar, A Mohamed Al Mofty, A, B Mahmoud T. Al Destawy, C Froum 4(1):38-

75. Feasibility of Using Gingival Fibroblasts as an alternative to Stem Cells in Treating Peri implant defects, Ahmed Y Gamal, under revision JPR
76. Regeneration of Periodontal Tissues Following Gingival Fibroblasts Translocation into Periodontal Intrabony Defects - an Experimental Study in Dogs. Ahmed Y. Gamal\*, Mohamed Galal \*\*, Mohamed S. El-Mofty\*, Iman M. Helmy\*\*\* , Khaled A. Abdel Ghaffar under revision JPR
77. Erbium, Chromium:Yttrium–Scandium–Gallium–Garnet Laser for Root Conditioning and Reduction of Postoperative Morbidity in the Treatment of Gingival Recession Defects: A Randomized Controlled Clinical Trial Tarek M. Eltayeb, Rami M. Ghali, Shahinaz G. Elashiry, Jr., Fatma H. Eldemerdash, Islam S. Shaker, Ahmed Y. Gamal, and Georgios E. Romanos Photobiomodulation, Photomedicine, and Laser Surgery VOL. 39, NO. 10, 2021
78. Guided Creeping Technique (GCT) as a Novel Minimally Invasive Approach in Treating Limited Gingival Recession – Surgical Technique and a Report of 13 Cases Ahmed Y Gamal# & Mahmoud Taha Destawy## Under révision JOP
79. The Use of Injectable Platelet Rich Fibrin (i-PRF) Blended Xenograft for Buccal Gap Distance Filling Around Immediately Placed Implants in the Esthetic zone: Randomized Clinical Trial Ahmed Y Gamal\*, Basant Mohi, Mohamed El Mofty \*Department of Periodontology, Faculty of Dentistry, October 6 University & Ain Shams University (Egypt). Under revision JPR
80. A novel approach of using free buccal pad of fat combined with modified coronally advanced flap in treating localized gingival recession: A technical note SW Saad , D Adel Khattab, E Khalil, AY Gamal. Perio J 5 (1), 22-27, 2021
81. Clinical and histologic evaluation of using block xenograft combined with L-PRF versus intraoral autogenous bone block graft with L-PRF in treating

localized ridge defects: A randomized clinical trial AY Gamal, SG El ashery, FH Eldemerdash, OM Elnassar. *Perio J* 5 (1), 11-21, 2021

82. Guided tissue regeneration of intrabony defects with perforated barrier membranes , simvastatin and EDTA root surface modification: a clinical and biochemical study DR Issa, KA Abdel Ghaffar, MA Al Shahat, Vencint J Aiacono, Ahmed Y Gamal. *journal od Periodontal Research* 55 (10) , 85-95, 2020

83. lycopene solid liquid microparticles with enhanced effect on gingival crevicular fluid protein carbonyl as a biomarker of oxidative stress in pateints with chronic periodontitis. MS Tawfek, KA Abdel Ghaffar, AY Gamal, FH El Demerdash, HA Gad *Journal of Liposome research* 29 (4) 375-382, 2019

84. The Use of Injectable Platelet Rich Fibrin (i-PRF) Blended Xenograft for Buccal Gap Distance Filling in the Esthetic Zone Immediately Place Implants: Randomized Clinical Trial. Bassant Mohye\*, Mohamed S Al Mofty\*, Ahmed Y Gamal\*\* *Journal of the international academy of periodontology* 2023

85. A Novel Approach of Periodontal Osseous Wall Piezosplitting and Sequential Bone Expansion in Management of Localized Intra-Bony Defects with Wide Angulation—A Randomized Controlled Trial Mahmoud Taha El-Destawy 1 , Mohamed Fekry Khedr 1,\* , Mostafa Mohamed Hosny 1 , Ahmed Mohamed Bilal 1 , Ahmed Mohamed Elshamy 1 , Ibrahim Sabry El sayed 1 , Abd el-latif galal Borhamy 1 , Abd al-aziz kamal Aboamo 1 and Ahmed Yousef Gamal. *Healthcare* 2023, 11, 791. <https://doi.org/10.3390/healthcare11060791>

86. The use of adhesion molecule loaded hydrogel with minimally invasive surgical technique in treatment of periodontal intrabony defect (Randomized clinical and biochemical study) Shaimaa Hamdy1. Ahmed Abdallah. Khalil1. Mohammed A. Ibrahim1. Ahmed Y Gamal2 ( *journal of clinical oral investigation* April 2023)

87. The Impact of Membrane Perforation and L-PRF for Vertical Ridge Augmentation With a Xenogeneic Block Graft: An Experimental Study in a Canine Model Abdelrahman K. Eldabe, Khaled A Ghaffar, Ahmed E. Amr, Ashraf M. Abu-Seida, Ehab S. Abdelhamid, Ahmed Y. Gamal *clinical oral investigation*



April 2 , 2023

88. The effect of using of i-PRF (injectable platelet rich fibrin) on filling the gap of immediate dental implant in the esthetic zone”: Randomized clinical trial Bassant Mohye, Mohamed S Al Mofty, Ahmed Y Gamal. Journal of the International Academy of Periodontology (2022) 24/3: 273-82

89. Collagen Membrane And Leukocyte Platelet Rich Fibrin For Periodontal Regeneration In An Infrabony Defect: A Case Report Ramy Mubarak Hussein , Doaa Adel-Khattab , Ahmed Youssef Gamal Journalof Pharmaceutical Volume14;RegularIssue02;2022

90. Adjunctive effect of collagen membrane coverage to L-PRF in the treatment of periodontal intrabony defects: a randomized controlled clinical trial with biochemical assessment Ramy Mubarak1\*, Doaa Adel Khattab2 , Khaled A. Abdel Ghafar3 and Ahmed Youssef Gamal BMC Oral Health (2023) 23:631

91. Use of Curcumin-Loaded Polyvinylpyrrolidone in Conjunction With Surgical Treatment of Intrabony Periodontal Defects ‘Controlled Clinical and Biochemical Study’ Y.G. Elbohya , A. Amra , A.M. Elbakryb , A.Y. Gamal Journal of Herbal Medicine Volume 42, December 2023, 100754

92. . Guided Creeping Technique (GCT) as a Novel Minimally Invasive Approach in Treating Limited Gingival Recession – Case Series. Gamal AY \* and Destawy MT World Journal of Surgery and Surgical Research 2023; 6: 1462

### **National publications and presentations:**

- 1. The effect of application of different concentrations of PDGF-BB on repopulation of the root surface by periodontal ligament fibroblasts.**

**Ahmed Y Gamal.**

**Al Azhar Journal of Dental Science 1, 7-12: 1998.**

- 2. Role of epithelial attachment in diagnosis, prognosis and treatment plane of periodontal diseases.**

**Ahmed Y Gamal**

**Oral presentation in front of the professor's promotion committee, as a requirement for promotion to a professor degree, 1998**

- 3. In Vitro evaluation of periodontal wound healing utilizing different root surface substrates.**

**Ahmed Y. Gamal**

**Al Azhar Journal of Dental Science. 1, 43-48:1998.**

- 4. Effects of systemic antimicrobial monotherapy on periodontal treatment needs.**

**Ahmed Y Gamal and Mohamed M Bayoumy.**

**Al Azhar dental Journal 9, 421-427: 1994**

- 5. The effect of subgingival metronidazole and benzoxonium chloride irrigation on chronic inflammatory periodontal disease.**

**Mohamed M Bayoumi and Ahmed Y Gamal.**

**Al Azhar Dental Journal 9, 413-419: 1994.**

- 6. Clinical effectiveness of subgingival chlorhexidine irrigation on wound healing following periodontal surgery.**

**Ahmed Y Gamal and Hamdy A Nassar.**

**Al Azhar Dental Journal 6, 799-809: 1991.**

- 7. Histologic evaluation of clinical criteria related to gingival bleeding time index.**

**Ahmed Y Gamal , Ahmed Kassim and Mahmoud A Abd El Rahman.**

**Al Azhar Dental Journal 5, 943-952:1990**

8. Effect of anthraquinone glycosides in combination with salicylic acid on periodontal status: A clinical and histological study.

**Hamdy A Nassar, Ahmed Y Gamal and Mahmoud A Abd El Rahman.**

**Al Azhar Dental Journal 5, 897-908: 1990.**

9. Clinical evaluation of the systemic use of Garline as a suspected model for control of periodontal disease.

**Ahmed K Mohamed and Ahmed Y Gamal**

**Al Azhar Dental Journal 6, 881-887: 1991**

10. Analysis of non-responding sites following periodontal therapy.

**Ahmed Y Gamal**

**Al Azhar dental Journal. 5, 355-362: 1990.**

11. A scanning electron microscopic study on the effect of power output during ultrasonic scaling of periodontally involved root surfaces.

**Ahmed Y Gamal and Hamdy A Nassar.**

**Al Azhar Journal of Dental Science. 1, 81-86: 1998.**

12. Hepatitis C virus RNA in saliva of chronic hepatitis patients and their associated risk factors.

**Samy M El Habak, Omar El Ahmady, Ahmed Y Gamal and Saad E Ibrahim.**

**Al Azhar Journal Of Dental Science 2, 8792: 1998.**

13. Tissue engineering and periodontal reconstruction

**Ahmed Y Gamal**

**Oral presentation at the 1<sup>st</sup> Territorial Dental Congress, Minia 1- 2 April 2004.**

14. Outlines of periodontal regeneration

**Ahmed Y Gamal**

**Oral presentation at the 11<sup>th</sup> territorial dental congress , Demiat 2-3 Sept. 2004.**

**15. Basics in periodontal regeneration**

**Ahmed Y Gamal**

**Oral presentation, faculty of Dental Medicine, Al Azhar University, Asuit Branch, April 2004.**

**16. Guided Tissue Materials in Periodontal Therapy.**

**Ahmed Y Gamal**

**Oral presentation, Egyptian Dental association, 2<sup>nd</sup> Territorial dental Congress, Menia, 6-7 April 2006**

**17. Marginal Periosteal Pedicle Flap- a Novel Approach of Autogenous Guided Tissue Membrane in Periodontal Therapy.**

**Ahmed Y Gamal,**

**Oral presentation, The First Conference of Periodontics, Nov.23, 2006, Faculty of Oral and Dental Medicine, Cairo University and October 6 University in collaboration with International Association of Dental Research, Egyptian Division.**

**18. Marginal Periosteal Pedicle Graft- a more predictable Way to Regenerate the Periodontium. Al Mansura Territorial dental Congress, Aug. 2012**

**19. Management of deep periodontal pockets (clinical hints), Port Said syndicate scientific day. Sept. 2012**

**20. Periodontal regeneration between the practitioner and the periodontist. 1<sup>st</sup> meeting of the Egyptian dental Syndicate, Aswan – 29 Jan.- 2 Feb , 2013**

**21. Simple approaches to treat gingival recession, Port Said syndicate scientific day. Oct 2013**

**22. Space keeping membrane filters- a novel guided tissue approach in periodontal therapy. Oral presentation, National research centre, 14/Dec. 2015**

23. Doaa Adel-Khattab, Ahmed Y Gamal, Hadir F. El-Dessouky and Khaled Abdel Ghaffar. Clinical outcome using Platelets Rich Fibrin and Marginal Periosteal Pedicle Graft as an autogenous Guided Tissue Membrane in treating Periodontal Intrabony Defects. Al-Azhar Journal of Dental Science Vol. 14 - No. 2 - April 2011.
  
24. Evaluation of PRF membrane in alveolar ridge splitting with simultaneous implant placement (randomized case control study) O Sittin, M El Mofty, A Gamal Egyptian dental journal 68 (1) , 553-564, 2022
  
25. A Novel Vertical Y-shaped Tunnel Approach Versus Modified Coronally Advanced Tunnel Technique, for The Treatment of Miller Class I Gingival Recession (A Randomized Clinical Trial) Aslam Ashraf Nasser; Wessam Ibrahim Shehab; Reham Lotfy Aggour; Ahmed Youssef Gamal Journal of Basic and Applied Sciences. JBAS-D-24-01289
  
26. Effects of Different Curcumin Concentrations on Human Periodontal ligament Fibroblast adhesion and Proliferation on Periodontally Involved Root Surfaces: In Vitro Study Noorhan El Badawi<sup>1</sup>, Hala H. Yassin <sup>2</sup>, Amina F Farag<sup>3</sup>, Mahetab M. Abdalwahab<sup>4</sup>, Ahmed Y Gamal <sup>4\*</sup>. Submitted for publication Journal Of dentistry 2024
  
27. Novel silk fibroin nanofiber membrane using minimally invasive surgery in treatment of intrabony defects, A randomized clinical trial Mohamed Shesheny, reham Lotfy Agoor, Ahmed Y Gamal submitted for publication Journal of Basic and Applied Sciences 2024

#### **AWARDS/ HONORS:**

- 1. Al Azhar university award for international publications (5 times)**
- 2. JO Butler award, international academy of periodontology meeting held in Cape Town .Poster research presentation award (Effects of cigarette smoking on human periodontally affected root surface biocompatibility-an in vitro study), Oct. 2003.**
- 3. Promotion and tenure committee advisor, Medical College of Georgia, School of Dentistry, Augusta USA. 2002.**

- 4. Board member international academy of periodontology 2012-now**
- 5. Fellowship international academy of Periodontology, 2003-now**
- 6. Fellowship American academy of Periodontology, 2009-now**
- 7. Reviewer for the journal of Periodontology, Journal of Indian Society of Periodontology, journal of the international academy of Periodontology, case report in dentistry journal and many others**
- 8. Member of the editorial board for the international academy of Periodontology**
- 9. Editorial Board Member for the “Anti-Inflammatory & Anti-Allergy Agents in Medicinal Chemistry journal (AIAA-MC)**
- 10. Member of Editorial Board of Case Reports in Dentistry journal**
- 11. 8 finalist ,research award , American academy of Periodontology, 1998, Boston, MA**
- 12. 8 finalist ,research award , American academy of Periodontology, New Orleans, Louisiana 2002**
- 13. 8 finalist, research award , American academy of Periodontology, 2009, Boston MA**
- 14. Member of the permanent scientific committee for assistant professor and professor promotion (Al Azhar University).**
- 15. Training courses at the national authority for quality assurance and accreditation of education (May 2008)**
- 16. Cardiopulmonary resuscitation course of the American Heart Association**
- 17. Head of scientific committee, 1<sup>st</sup>, 2<sup>nd</sup> international meetings, Faculty of dentistry, Ain Shams University.**
- 18. Head of the international cooperation office, Faculty of Dentistry, Ain Shams University**
- 19. Ministry of higher education – German academic exchange service (DAAD) coordinator.**


20. Member of the associate professor and professor's promotion of the supreme council of universities (2017-2020).
21. Head of scientific committee, 4<sup>th</sup> international meetings, Ain Shams University 11-13 April 2017.
22. Director of medical sector , 5<sup>th</sup> international meetings, Ain Shams University April 2018.
23. Member of the private universities approval committee, ministry of higher education (2016-2020)
24. Principal investigator for stem cell and biomaterial research and capacity building project, funded by STDF - ministry of higher education.
25. Editor of Perio J international journal.
26. Online perio courses for post grad Gulf Medical University Fall 2020
27. Member of the advisory board , Gulf medical university, faculty of dentistry
28. External expert GSK London
29. Current President of the Egyptian society of periodontology and implant dentistry

### **Under and post graduate Books:**

1. Outlines of periodontal therapy for undergraduate students
2. Outlines of periodontal therapy for postgraduate students
3. Etiology of periodontal diseases for undergraduate students
4. Etiology of periodontal diseases for postgraduate students
5. Fundamental of periodontology (Ain Shams University)
6. Platelet concentrates in dentistry – science behind the procedure  
Lambert Academic Publishing, Project-ID (154489) and the book's  
ISBN (978-3-330-06128-6).
7. A Gamal is the top-rated expert in [Periodontics](http://www.expertscape.com/ex/periodontics/c/afr) in Egypt and Africa by expertscape  
<http://www.expertscape.com/ex/periodontics/c/afr>

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## Expertise in Periodontics: @ Africa

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Country	Region	City	Institution	Expert
<ul style="list-style-type: none"> <li>Worldwide</li> <li>Africa</li> <li>Egypt</li> <li>South Africa</li> <li>Nigeria</li> <li>Morocco</li> <li>Sudan</li> <li>Tunisia</li> <li>Libya</li> <li>Benin</li> <li>Senegal</li> </ul>	<ul style="list-style-type: none"> <li>Includes US states, etc.</li> </ul>	<ul style="list-style-type: none"> <li>Miscellaneous cities in Egypt</li> <li>Johannesburg-Pretoria</li> <li>Cape Town</li> <li>Miscellaneous cities in Morocco</li> <li>Khartoum</li> <li>Lesser cities in South Africa</li> <li>Miscellaneous cities in Tunisia</li> <li>Miscellaneous cities in South Africa</li> <li>Miscellaneous cities in Libya</li> <li>Dakar</li> <li>Miscellaneous cities in Ethiopia</li> </ul>	<ul style="list-style-type: none"> <li>Mansoura University</li> <li>University of Limpopo Medunsa</li> <li>Miscellaneous institutions in Cape Town</li> <li>University of Khartoum</li> <li>University of Limpopo Turfloop</li> <li>University of the Witwatersrand</li> <li>University of the Western Cape</li> <li>University of Abuja</li> <li>University of Benin</li> <li>Miscellaneous institutions in Dakar</li> <li>University of Lagos</li> </ul>	<ul style="list-style-type: none"> <li>Gamal, A</li> <li>Abdel-Ghaffar, K A</li> <li>Fawzy El-Sayed, Karim</li> <li>Ghailab, Noha</li> <li>Chandad, Fatiha</li> <li>Elsyad, M A</li> <li>Ayanbadejo, P</li> <li>Gad, Heba A</li> <li>Amr, Eman M</li> <li>Umezudike, K A</li> <li>El Mekawy, Nasreen Hanm</li> </ul>

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