

**ASST. PROF. DR. SARHANG SARWAT  
HAMA GUL 2.1.2021**



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I graduated with BDS Dentistry in 2005 from the University of Sulaimani, College of Dentistry. Following graduation, I completed Dental Vocational Training prior to working as assistant researcher in periodontics department for 2 years within College of Dentistry. I have been closely involved in research and teaching in periodontics over this period of time. I obtained MSc degree at same college in 2011 and MPhil plus PhD in periodontics from Sheffield University (UK) in 2013 and 2016, respectively. I am involved in teaching all aspects of undergraduate Clinical Periodontology through the clinical supervision of students on the clinic, lectures, tutorials, clinical skill practical and seminars.

**EDUCATION AND QUALIFICATIONS**

<b>2013-2016</b>	<b>University of Sheffield, UK- PhD in Periodontics.</b>
<b>2008-2010</b>	<b>University of Sulaimani- MSc in Periodontics.</b>
<b>2000-2005</b>	<b>University of Sulaimani- BDS.</b>

## **CAREER**

- 2019-present** Dean of College of Dentistry, University of Sulaimani  
**2017-present** Associate Editor at Sulaimani Dental Journal  
**2017-2019** Head of Higher Education and Scientific Research Department  
**2016-present** Lecturer at Kurdistan Board for Medical Specialties  
**2016-present** Lecturer: College of Dentistry, University of Sulaimani.  
**2013-2016** PhD student  
**2010-2012** Assistant Lecturer: College of Dentistry, University of Sulaimani.  
**2008-2010** MSc student  
**2006-2008** Assistant researchers: College of Dentistry, University of Sulaimani.  
**2005-2006** Dentist (Rotator): Piramerd Dental Center.

## **CLINICAL SKILLS**

I have 12 years experience as periodontist and can manage the following

- Understand and demonstrate the nature of periodontal and implant diseases
- Providing motivation and oral hygiene instruction for patients
- Comprehensive periodontal examination (BPE and full mouth chart)
- Assess a patient for the presence of etiologic factors and risk factors contributing to periodontal and implant diseases (Diabetes and smoking)
- Interpreting radiographical images.
- Diagnose periodontal and implant diseases
- Develop individualised treatment plan
- Presenting the sequence of treatment and prognosis for the patients.
- Providing all kind of periodontal treatment
  - Non surgical (Scaling, Root surface debridement)
  - Surgical treatment (Gingivectomy, gingivoplasty and all periodontal flaps)
  - Periodontal plastic surgeries (Free gingival graft, connective tissue graft, lateral and coronal repositioning flap)
- Providing maintenance therapy for patients
- Understanding the role of other fields of dentistry to periodontal health.

Furthermore, I do have interest and skill in **dental implant** including:

- Assessment and treatment planning
- Implant placement
- Integration period
- The restorative phase
- Maintenance

## **PROFESSIONAL ACTIVITIES**

- 2012- present British Society of Periodontology (BSP).  
2012- present European Federation of Periodontology (EFP).  
2012- present British Society for Oral and Dental Research (BSODR).  
2012- present International Association of Dental Research (IADR).  
2013- present Iraqi Division of the IADR (IAOR).  
2005- present Kurdistan Dental Association (KDA).

## **INTERNATIONAL CONFERENCE PRESENTATIONS**

- 2013** Leeds-Sheffield Conference, Leed Dental school, UK (Oral presentation).  
**2014** IADR-Croatia (Oral presentation).  
**2014** British Society for Oral and Dental Research / IADR - Croatia (Poster).  
**2014** British Society of Periodontology-Birmingham, UK (Poster).  
**2014** Sheffield-Leeds Conference, Sheffield, UK (Oral presentation).  
**2015** EuroPerio 8 London, Uk (Oral presentation).  
**2015** *P. gingivalis* and other oral related species, London, UK (Poster)  
**2015** British Society for Oral and Dental Research, Cardiff, UK (Oral presentation)  
**2016** British Society of Periodontology, Oxford, Uk (Oral presentation)  
**2018** International Conferece of Oral Sciences, Erbil, Iraq (Oral presentation)  
**2018** EuroPerio 9 Amesterdam, Netherland (Poster Discussion)

## RESEARCH INTERESTS

### My main research interests include:

- Clinical trials in periodontal therapy.
- Diagnostic and prognostic biomarkers for periodontitis.
- Risk factors for periodontal disease.
- Periodontal inflammation and systemic inflammatory conditions.
- Epidemiology and microbiology of periodontitis.

### Supervisory experience

- Mentored one PhD and three Board students at Sheffield University.
- Supervising 3 Board periodontics students in KBMS now.
- Supervising 1 MSc Periodontics student.

## PUBLICATIONS

### A. Journal Papers

AF Mahdee, SS Gul, AA Abdulkareem, SSB Qasim (2020). Anxiety, Practice Modification, and Economic Impact Among Iraqi Dentists During the COVID-19 Outbreak. *Front. Med.* 7: 595028.

AM Sha, BT Garib, SH Azeez, SS Gul (2020). Effects of curcumin gel on osteoclastogenic bone markers in experimental periodontitis and alveolar bone loss in wistar rats. *J Dent Sci.* <https://doi.org/10.1016/j.jds.2020.09.015>

LK Mohammed, SS Gul (2020). Diagnostic Potential of Salivary Biomarker Profiles in Epidemiological Survey of Periodontitis. *Sulaimani Dent. J.* 7 (2), 36-44

SS Gul, AA Abdulkareem, AM Sha, A Rawlinson (2020). Diagnostic Accuracy of Oral Fluids Biomarker Profile to Determine the Current and Future Status of Periodontal and Peri-Implant Diseases. *Diagnostics* 10 (10), 838

A Ali, S Saliem, A Abdulkareem, H Radhi, S Gul (2020). Evaluation of the efficacy of lycopene gel compared with minocycline hydrochloride microspheres as an adjunct to nonsurgical periodontal treatment: A randomised clinical trial. *J Dent Sci.* <https://doi.org/10.1016/j.jds.2020.09.009>

SJ Hamalaw, FA Kareem, SS Gul (2020). Association of dental and gingival health status with level of salivary characteristics and Streptococcus mutans in children. J Dent Sci. <https://doi.org/10.1016/j.jds.2020.08.006>

F Zardawi, SS Gul, AA Abdulkareem, A Sha, J Yates (2020). Association between periodontal disease and atherosclerotic cardiovascular diseases: revisited. Front. Cardiovasc. Med. | doi: 10.3389/fcvm.2020.625579

MT Baban, RM Talabani, MO Rashid, DS Abdulateef, SS Gul, BN Abdulkareem, RO Salih RO (2020). Prevalence of Apical Periodontitis by Cone Beam Computed Tomography: A Cross Sectional Study. Sulaimani Dent. J. 7 (2), 45-53

ALTaweel FB, AA Ali, Gul SS, Alshami ML (2020). Evaluation of technology-based learning by dental students during the pandemic outbreak of corona virus disease 2019. doi:10.1111/eje.12589.

Gul SS, Imran NK, Al-Sharqi AJ, Abdulkareem AA (2020). Association of overweight/obesity with the severity of periodontitis using BPE code in an iraqi population. Clin Epidemiol Glob Heal.9:21–5.

Qasim SB, Al-Otaibi D, Al-Jasser R, Gul SS, Zafar SZ (2020). An evidence-based update on the molecular mechanisms underlying periodontal diseases. Int. J. Mol. Sci. 21(11), 3829.

Zardawi FM, Gul SS, Fatih MT, Hama BJ (2020). Surgical procedures reducing excessive gingival display in gummy smile patients with various etiologic backgrounds. doi: 10.1002/cap.10089.

Gul SS, Zardawi FM, Sha AM, Rauf AM (2019). Assessment of creeping attachment after free gingival graft in treatment of isolated gingival recession. J. Int. Acad. Periodontol. 21(3):125–131.

Rashid MO, Talabani RM, Baban MT, Gul SS, Salih RO, Abdulkareem BN, Abdulatteef DS (2019). Prevalence of impacted mandibular third molars and its association with distal caries in mandibular second molars using cone beam computed tomography. J Oral Res. 8(1):66-73.

Fatih MT, Zardawi FM, Gul SS (2019). Significance of the width of keratinized mucosa on peri-implant tissue health: a cross-sectional analysis. *Sulaimani Dent J.* 6(1):21-28.

Zardawi FM, Gul SS, Hama BJ, Khursheed DA (2019). Double lip, a review of literature and a case report. *Sulaimani Dent J.* 5(2):39-43

Alwan AH, Zardawi FM, Gul SS, Hussain AB (2018). Prevalence and distribution of gingival pyogenic granuloma in Sulaimani population Kurdistan region–Iraq. *Biomedical & Pharmacology Journal.* 11(1):1-7.

Ghalib AN, Gul SS, Abdulkareem JF (2017). Relationships of candida with frequency of brushing, age and smoking in patients with removable dental prosthesis: a quantitative study. *Sulaimani Dent J.* 4(1):12-18.

Zardaw FM, Khursheed DA, Zorab SS, Gul SS (2017). Self-reporting questionnaire on gingival bleeding among dental students at university of Sulaimani. *Sulaimani Dent J.* 4(1):25-29.

Gul SS, Griffiths GS, Stafford GP, Al-Zubidi MI, Rawlinson A, Douglas CWI (2017). Investigation of a novel predictive biomarker profile for the outcome of periodontal treatment. *Journal of Periodontology.* 88(11):1135-1144.

Gul SS, CWI Douglas, GS Griffiths, A Rawlinson (2016). A pilot study of active enzyme levels in gingival crevicular fluid of patients with chronic periodontal disease. *Journal of clinical periodontology,* 43(8): 629-36.

GARIB BT, QARADAXI SS (2011). Temporomandibular joint problems and periodontal condition in rheumatoid arthritis patients in relation to their rheumatologic status. *Journal of Oral and Maxillofacial Surgery,* 69, 2971-2978.

## **B. Conference Papers**

- A Study of Biomarkers in Patients with Periodontal Disease. IADR Dubrovnik, Croatia 2014.
- A Study of Crevicular Fluid Biomarkers in Patients with Periodontal Disease, BSODR Dubrovnik, Croatia 2014.

- A Study of Crevicular Fluid Biomarkers in Patients with Periodontal Disease, British Society of Periodontology Birmingham, UK 2014.
- A Study of Biomarkers in Patients with Periodontal Disease EuroPerio 8, London, UK 2015.
- Characterisation of a temperate phage residing in the genome of the anaerobic bacteria *Fusobacterium nucleatum polymorphum* EuroPerio 8, London, UK 2015.
- A study of microbiological biomarkers as indicators of periodontal treatment outcome. The 2nd international conference on *Porphyromonas gingivalis* and related species in oral and systemic diseases London, UK 2015.
- A Study of Biomarkers in Patients with Periodontal Disease. BSODR Cardiff, UK 2015.
- Characterisation of a Temperate Phage Residing in the genome of the Anaerobic Bacteria *Fusobacterium nucleatum polymorphum* ATCC 10953. BSODR Cardiff, UK 2015.
- Investigation into the potential for key biomarkers to predict the outcome of periodontal treatment. British Society of Periodontology, Oxford, UK 2016.
- Pinhole Surgical Technique for Treatment of Gingival Recessions: A Case Series. Sulaimani Dental Meeting, Sulaimani, Iraq 2017.
- Periodontal Care Prior to, During and Following Orthodontic Treatment. ICOS III, Erbil, Iraq 2018.
- Assessment of Creeping Attachment after Free Gingival Graft in Treatment of Isolated Gingival Recession. EuroPerio 9, Amsterdam, Netherland 2018
- Surgical vs non-surgical periodontal treatment: what to choose?. Kin Conference, Sulaimani, Iraq 2019.

## REFERENCES

### 1- Assist Prof. Dr. Fadil Abdullah Kareem

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## **2- Prof. Andrew Rawlinson**

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