

CURRICULUM VITAE

Dr. Sarah Qadeer, BDS, MSD
International Speaker & KOL
T-Scan Occlusal Analysis Technology
Tekscan Inc. Boston
Clinical Consultant
SIC Invent
Basel, Switzerland



PERSONAL DETAILS

Name and address:	Dr. Sarah Qadeer #2602 J Park Residence at Thammasat Rangsit 112/118 Klong Luang Pathum Thani 12120 Thailand
Telephone	mobile: +66 870 526 198
E-Mail	sarah_qadeer@yahoo.com
Date of birth	15. January 1978
Citizen of	Lucknow, (UP) India
Marital status	Single

PROFESSIONAL COMPETENCE AND SKILLS

Career Objective	Result oriented, Contribution to the whole, Team spirit, Collaboration, Cooperation and good Communication is key to success, work with passion concentration and dedication, take responsibility to deliver on time, Interest to explore new ideas, perspectives and opportunities, Contribute to the work place a warm, helpful attitude towards colleagues and associates with enthusiasm, hard work, sincerity, devotion and dedication "I do what I love and love what I do" defines my work philosophy
Education	15 years of good education serves as a basis for a progressive career path and professional outlook
Teaching	Interactive teaching to encourage 'Problem Based Learning' (PBL) with module system followed at Thammasat University Faculty of Dentistry. Deliver evidence based informative lectures on different dental subjects to undergraduate students, keep up with new developments, research, scientific reviews and latest treatment/diagnostic modalities in the constantly evolving field of dental medicine

Expertise	<p>T-Scan Occlusal Analysis Technology Expert level understanding of T-Scan Digital Occlusal Analysis System Good knowledge of software, program features and clinical applications. Confident in conducting workshops, demonstrations and training sessions for small to large groups of participants Proficiency in giving lectures with significant evidence based information and clinical implementations to various groups of audience</p> <p>T-Scan Occlusal Analysis Technology is a digital occlusal monitoring system used for occlusal balancing procedures for better clinical outcome. It displays comprehensive real-time recordings of subject's occlusal data with precise force and time sequencing data on individual teeth from the initial contact into maximum intercuspation and excursive recordings as well as helps in achieving bilateral simultaneity in the arch.</p> <p>Biometric Analysis using Joint Vibration Analysis (JVA) and Electromyography (EMG) Good understanding of functions and use of JVA and EMG that can be implemented for improved diagnostic for Temporomandibular Joint function and masticatory muscle functions Confident in conducting training sessions, demos and lectures for beginners and participants with good understanding about Biometric Analysis.</p>
Clinical work	<p>Occlusal Balancing procedures after Prosthetic, Restorative and Orthodontics treatments using Digital Occlusal Analysis Disocclusion Time Reduction (DTR) Temporomandibular Joint Disorders and management Monitoring Implant Occlusion (measurable delayed loading) with precise time and force variance using digital technology for improved long term treatment outcome Post Orthodontic Occlusal Force and Friction control</p>
International Lectures and Workshops	<p>Experience in public speaking and delivering lectures as an invited speaker for Dental conferences in over ten countries including Middle East, Asia Pacific, Far East and Europe Confidence in conducting workshops and demonstration sessions on T-Scan Digital Occlusal Analysis Technology and Biometric Analysis using JVA and EMG</p>
Research and Scientific Publications	<p>Experience in conducting research projects, undertaking clinical research and supervising undergraduate student's as research advisor. Knowledge and experience in scientific writing and publication.</p>
Managerial skills	<p>Experience in coordinating international workshops and Mini Residency training courses at Thammasat University International Training centre for Advanced Dentistry (TU ICAD) as a coordinator for International Affairs</p>
Product Testing	<p>Knowledge in evaluating, analysing and providing detailed feedback as a Beta Participant for new features and software enhancement for T-Scan Occlusal Analysis technology</p>
Communication	<p>Confidence in the communicating with dentists, speakers, faculty members, researchers, professionals and dental industry personals' with adequate scientific background, evidence based knowledge and cultural understanding.</p>
Key Opinion Leader	<p>It is a privilege to be recognized as a Key Opinion Leader for Tekscan Inc. since 2012 Boston and speaker for BioResearch Inc. Milwaukee since 2014</p>

Cultural experience	Having lived and worked in South Korea and Thailand as well as International travelling for lectures and workshops has provided me a good understanding and appreciation for people from different cultures and backgrounds.
---------------------	--

PROFESSIONAL EXPERIENCE AND EDUCATION

Since 06/2013	<p>INTERNATIONAL LECTURER AT DEPT. OF PROSTHODONTICS, FACULTY OF DENTISTRY, THAMMASAT UNIVERSITY, THAILAND</p> <p>Assumption of responsibility for preparing teaching protocol, detailed lectures and lesson plans for undergraduate dental students for</p> <p>Lectures in Department of Prosthodontic and Occlusion: on subjects like Dental Occlusion and Occlusal Morphology, Masticatory System, Temporomandibular Disorders, Anatomy of Head and Neck, Dental Anatomy and morphology, Digital Technology in Dentistry.</p> <p>Supervise Labs and clinics for second year upto fifth year dental students.</p> <p>Research Co Advisor for sixth year students</p> <p>Ongoing research projects:</p> <ul style="list-style-type: none"> • The relationship between occlusal force on implant-supported crown and alveolar bone loss • Comparison of Excursive Occlusal Parameters in Non orthodontic and Post Orthodontics Group using T-Scan <p>Clinical Work focused on Occlusal Balancing Procedures, diagnostics using JVA/EMG Biometrics Temporomandibular Joint Disorders and its management</p> <p>Active role in designing new comprehensive curriculum for subjects like 'Learning Process' and English conversation for Dental Assistants course at faculty of Dentistry, Thammasat University</p> <p>Co-ordinator for International Affairs involves preparing Memorandum of Understanding (MOU) for collaboration with International Alliances Organize meetings for visiting international partners Conduct scientific conferences, training sessions and workshops for large groups of participants from multiple countries at Thammasat University International Training Centre for Advanced Dentistry (TU ICAD) that serves as a platform to bring together dentists and speakers from different parts of the world who wish to enhance their clinical skills, get an objective insight and understanding of Digital Occlusal Analysis technology, Minimal Invasive dentistry, TMJA Harmony and Dental Sleep Medicine.</p>
---------------	---

03/2012 – 04/2013	<p>CLINICAL FELLOWSHIP AT KYUNGHEE UNIVERSITY HOSPITAL, DEPARTMENT OF PROSTHODONTICS, GANGDONG, SOUTH KOREA</p> <ul style="list-style-type: none"> • Observation of Clinical Procedures conducted by the Supervising Professor at Department of Prosthodontics and Aesthetic Dentistry • Assist in Clinical Treatment (Prosthodontics, Restorative and Aesthetic Dentistry) • Post Treatment Occlusal Balancing Procedures
03/2012 – 04/2013	<p>“CONSULTANT FOR T-SCAN” AT YOURS DENTAL COMPANY, SEOUL CITY HALL, SOUTH KOREA (dental product company and distributing partner for Tekscan Inc. Boston)</p> <ul style="list-style-type: none"> • On Call Visits to Private Dental Offices in and around Seoul to demonstrate T-Scan Technology • Work with sales and marketing team in the company to look into marketing strategy, organize trainings sessions and workshops <p>Stepping into a dental company provided me an opportunity to get an understanding of the marketing aspect of this technology. It triggered in me an appreciation and interest to function beyond clinical and academic setup if required.</p>
07/2011 – 12/2011	<p>RESEARCH ASSISTANT AT DEPARTMENT OF BIOMATERIAL SCIENCES, SEOUL NATIONAL UNIVERSITY, SOUTH KOREA</p> <p>Assist with data tabulation, analysis and edit scientific papers</p> <ul style="list-style-type: none"> • Publication: The Influence of a Continuous Increase in Thickness of Opaque-Shade Composite Resin on Masking Ability and Translucency
03/2009 – 06/2011	<p>MASTER OF SCIENCE IN ADVANCED PROSTHODONTICS, (MSD), GRADUATE SCHOOL OF DENTISTRY, KOREA UNIVERSITY GURO HOSPITAL, SEOUL, SOUTH KOREA</p> <ul style="list-style-type: none"> • Thesis: Relationship between Articulation Paper Mark Size and Percentage of Force measured with Computerized Occlusal Analysis. (A Clinical study on human subjects)
01/2004 – 12/2008	<p>PART TIME ENGLISH TEACHING IN AND AROUND SEOUL</p> <ul style="list-style-type: none"> • Substitute Teaching at Elementary Schools • English Summer Camps for Elementary Schools • After School English Programs at Private Institutes (Hagwans) • One on One Adult Conversational English
8/2002 – 8/2003	<p>ROTATORY CLINICAL INTERNSHIP, SARDAR PATEL INSTITUTE OF DENTAL AND MEDICAL SCIENCES, LUCKNOW, INDIA</p> <ul style="list-style-type: none"> • 2-3 months clinical posting at different departments
12/1997– 06/2002	<p>BACHELOR IN DENTAL SURGERY (BDS), SARDAR PATEL INSTITUTE OF DENTAL AND MEDICAL SCIENCES, LUCKNOW, INDIA</p>

SCIENTIFIC PUBLICATIONS

Research Paper Accepted in CRANIO October 2016	Comparison of Excursive Occlusal Force Parameters in Post-Orthodontic and Non Orthodontic Subjects using T-Scan® III Sarah Qadeer , Ahmed Abbas, Lertrit Sarinnaphakorn, Robert B. Kerstein
Research Paper Published in CRANIO April 2016	Comparison of Occlusal Force Parameters in Non-Orthodontic and Post-Orthodontic Subjects using T-Scan Cranio. 2016 Nov;34(6):395-401. Sarah Qadeer , Lili Yang, Lertrit Sarinnaphakorn, Robert B. Kerstein
Contributing Author in Text Book released in January 2015	Sarah Qadeer . Limitations of Traditional Non Digital Occlusal Indicators when Compared to T-Scan Computerized Occlusal Analysis in Kerstein RB Ed. Handbook of Research: Computerized Occlusal Analysis Technology Applications in Dental Medicine. IGI Global, Hershey PA , USA Vol. 1. Jan 2015;(1):36-64
Review Paper Published in CRANIO Jan 2016	Afrashtehfar KI, Qadeer S . Computerized Occlusal Analysis as an Alternative Occlusal Indicator. Cranio. 2016 Jan;34(1):52-7.
Article Series, December 2013 to March 2014	Digital Occlusion A-Z . A series of five comprehensive articles on Digital Occlusion Series, Asnan Portal Online Dental Journal, Jordan www.asnanportal.com Also available on : https://www.tekscan.com/resources/articles-research/t-scan-bibliography
Research papers Pubmed 2012	Qadeer S , Kerstein R, Kim RJ, Huh JB, Shin SW. Relationship between Articulation Paper Mark Size and Percentage of Force measured with Computerized Occlusal Analysis. Journal of Advanced Prosthodontics, 2012 Feb; 4(1):7-12 An JS, Son HH, Qadeer S , Ju SW, Ahn JS. The Influence of a Continuous Increase in Thickness of Opaque-Shade Composite Resin on Masking Ability and Translucency; Acta Odontologica Scandinavica, 2012; Early Online, 1–10
Case Report Pubmed 2011	Kim HY, Kim RJ, Qadeer S , Jeong CM, Shin SW, Huh JB. Immediate Loading on Mandibular Edentulous Patient with SFI Bar Overdenture: Journal of Advanced Prosthodontics 2011; 3:47-5
Guest Editorial	Sarah Qadeer : An insight to Computerized Occlusal Management (A Comprehensive Overview) Guest Editorial “Archdent” Archives of Dental Sciences, Vol. 2, 2012; 4:3-7 (print copy only)
Editorial	Sarah Qadeer : T-Scan III Computerized Occlusal Management System (Editorial, A Brief Overview) SIPS SMILE Dental Magazine February 2012 (print copy only)

LECTURES, PRESENTATIONS AND WORKSHOPS

SIDA CranioMandibular Conference, Sicily, Italy	Key Note Speaker October 2016 Digital Occlusal Analysis for Occlusal Management
T-Scan Users' Meeting Garderen, & Groningen Netherland	Key Note Speaker May 2016 Digital Diagnostics for Occlusion & TMD
ADX Sydney Australia	Invited Speaker; March 2016 Digital Diagnostic Approach for Occlusion and TMD Problems in the New Age of Dentistry
Dawson Academy Poznan, Poland	Guest Speaker, July 2015, Lecture and Workshop for Poznan Dawson Academy Group, Digital Occlusal Analysis in the New Age of Dentistry
FORIL XI Jakarta, Indonesia	Invited Speaker, April 2015 T-Scan Occlusal Analysis Technology: Digital Approach to Occlusal Balancing
IDS Cologne, Germany	Speaker for Tekscan Inc. March 2015 T-Scan Occlusal Analysis in the new age of Dentistry
Recorded Webinar available Online	Digital Occlusal Analysis in the New Age of Dentistry, January 2015 https://www.tekscan.com/events/sarah-qadeer-2015
17 th National Congress of Moldovian Association of Stomatologists, Moldova	Invited Speaker, September 2014 T-Scan Occlusal Analysis Technology: An Insight to Occlusal Monitoring
PAFJO TMJ Congress Manila, Philippines	Guest Speaker, May 2014 Using Digital Technology for Improved Treatment outcome in Dentistry
King Georges Medical College, India	Invited Speaker, March 2014 Dept. of Prosthodontics An introduction to Digital Occlusal Analysis and Biometrics
24 th Jordanian International Dental Congress, Jordan	Invited Speaker, December 2013 Applying Digital Technology to Dental Practice: T-Scan III Followed by workshop and demonstration session for a group of 20 dentists
Dental Study Club Bangkok	Conduct one day courses including Lecture on T-Scan and Biometrics, Workshop and Demonstrations for group of private dentists from Thailand, Vietnam and Cambodia August 2013, September 2014 and February 2015.
International Dental Association, Dubai	Key Note Speaker, February 2013 Implant Occlusion and Paper Mark Challenge using Digital Occlusal Analysis
Red International Exhibition Management, Dubai	Invited Speaker, October 2012 Smile Design and Occlusal Monitoring: A Key to Success in Dentistry

KASFO Osseointegration Academy. Seoul, S. Korea	Lecture, November 2012 Reason and Rationale behind Time Delay Occlusion for Implant Prosthesis
11 th T-Scan Users Seminar Seoul, S. Korea	Lecture and Workshop, March 2012 The Art and Science of T-Scan III
Korean Academy of Prosthodontics S. Korea	Lecture at KAP Daejeon, September 2010 Association Between Size of Articulation Paper Mark and Occlusal Force using T- Scan III Computerized Occlusal Analysis Technology Lecture at KAP Co-Ex, Seoul 2009 Clinical Application of New T-Scan Occlusion Maintenance System

LANGUAGES

Hindi	Mother Tongue
English	Fluent (written and spoken)
Urdu	Fluent spoken
Korean	Intermediate level conversation
German	Beginner level (studying with private tutor)

COMPUTER SKILLS

Microsoft Word	Good user knowledge
Microsoft PowerPoint	Good user knowledge
Microsoft Excel	Moderate user knowledge

LEISURE ACTIVITIES

Reading	Non Fiction and Fiction books on Spirituality, Meditation New Age Spiritual Philosophy Alternative Approach to Holistic Living and Health
Personality development courses	Self-Actualization Workshop Life Coaching Experience Zen Meditation workshops at Anguk Buddhist Center, Seoul Yoga and Meditation Practices Insightful Conversations with likeminded people on the seekers path that help me to evolve, grow, experience and appreciate the beautiful journey of life and beyond

REFERENCES

Dr. Robert Kerstein	Pioneer Researcher, International Speaker and Consultant for T-Scan Technology, Tekscan Inc. Boston rbkrmjdoc@gmail.com
Prof. Dr. Lertrit Sarinnaphakorn	Associate Dean, Faculty of Dentistry, Thammasat University, Thailand lrsars@hotmail.com Mobile: +66 8989 089 62
Mr. Greg Kamyszek	President, BioResearch Inc. Milwaukee gregk@bioresearchinc.com Mobile: +1 4144 679 195

BIOGRAPHY:

Dr. Sarah Qadeer graduated from Sardar Patel Institute of Dental and Medical Sciences (SPIDMS) in Lucknow, India, with a Bachelor of Dental Surgery (BDS) and went on to pursue a Master of Science in Dentistry (MSD) in Advanced Prosthodontics at Korea University Guro Hospital, Seoul, South Korea.

It was in Korea that she learnt about T-Scan Occlusal Analysis Technology, which triggered such an interest in her that it became the subject for her master's thesis. Following the master's program, she worked as a research fellow at KyungHee University Dental Hospital, successfully publishing research articles and lecturing on the fascinating art and science of Digital Occlusal Analysis both within Korea and beyond.

Dr. Qadeer worked as an international lecturer and researcher at Thammasat University Faculty of Dentistry in Thailand for past four years. She was the coordinator for the International Training Centre for Advanced Dentistry (TU ICAD) where she organised training programs on T-Scan Occlusal Analysis, JVA, EMG Biometrics, Minimal Invasive Cosmetic Dentistry, Temporomandibular Disorders and Sleep Medicine. These mini-residency training courses are designed for dental practitioners in Asia, who would like to gain an objective insight to their patient's occlusion, and to develop a comprehensive understanding of the stomatognathic system using digital technology for better treatment outcome.

Currently based in Basel, Switzerland, she is an International Speaker for T-Scan Technology, Tekscan Inc. Boston, since 2012 and BioResearch Inc. Milwaukee since 2013 conducting lectures and workshops on Occlusal Analysis and Biometrics in Asia-Pacific, Middle East, Australia and Europe. Some of her recent contribution includes research papers comparing natural occlusion to post orthodontic occlusion during closure and excursion, a series of five comprehensive articles on '*Digital Occlusion A-Z*' for an online dental journal circulated from Jordan as well as a chapter in the latest book on Digital Occlusion titled: Computerized Occlusal Analysis Technology Applications in Dental Medicine besides various other research publications.

