



*Follow your heart and make
all your dreams come true...*

Dr. Sarah Qadeer, BDS, MSD, DMD

Contact St. Jakobstrasse 3| 4147 Aesch (Switzerland)
+ 41 78 747 86 03 | sarah_qadeer@yahoo.com

Born 15 January 1978 in Lucknow (Uttar Pradesh) / India

Marital status Married to a Swiss, 1 child (B Permit)

Online profile <https://www.linkedin.com/in/dr-sarah-qadeer-52ab4383/>

At a glance

- Work with **passion**, concentration and dedication to **grow together**, take **responsibility**, **deliver results** on time, interest to **explore new ideas**, perspectives and opportunities, contribute to the workplace a warm, helpful attitude towards colleagues and associates, **teamwork** to learn and share with enthusiasm, hard work, sincerity and integrity.
- **15 years of education, 8 years of research and contribution to several scientific publications (available on PubMed)** in the field of **Digital Occlusion and Temporomandibular Joint Disorders** sets the basis for a progressive career path and professional outlook. Management, Coordination and **Research and Academia** at Thammasat University, Thailand makes me an internationally recognised expert in this field.
- Interactive teaching is my passion, Problem Based Learning (PBL) my concept to teach and motivate students and audience, to build up knowhow and explore opportunities together. "I do what I love, and I love what I do" defines my work philosophy.
- Recognized as International Speaker and Key Opinion Leader for Tekscan Inc., Boston, USA and speaker for Bio Research Inc., Milwaukee, USA, strengthened my international reputation as an expert in the field of research in Temporomandibular Joint Disorder as well as Biometric Analysis.
- **Corporate experience at ITI International Team for Implantology** (Straumann's education partners) provided valuable skills to thrive in corporate environment, such as project management, collaboration within the team and with external stakeholders for the benefit of the organization.
- Confidence in communicating with dentists, speakers, faculty members, researchers, professionals and dental industry personal with adequate scientific background, evidence-based knowledge and cultural understanding.

Additional Information and References

- 01/2024 – Present **Senior Manager**, Training and Education, vVardis Switzerland
- 08/2022 - Jul 2023 **Manager Education**, ITI.Org, International Team for Implantology, Basel, Switzerland
Experience gained: Conceptualizing global educational programs, project management for ITI Treatment Guide and conceptualizing and building the Mentorship Program, communicating with committee chairs, scholars and scholarship centers, collaborating internally and externally with a team of highly qualified and skilled professionals, preparing agendas/presentations and writing minutes for global events, EPR Software, JIRA Tickets, ABACUS Invoicing and integrating into a global team to work together for the benefit of the organization.
- 06/2023 **Completed Doctorate Degree** Dr. Med. Dent from Basel University, Zentrum für Zahnmedizin Basel, Switzerland
- 01/2021 – 04/2023 **Academic Research Fellow**, Dept. of Oral Health and Medicine, University Center of Dental Medicine, Universitäres Zentrum für Zahnmedizin Basel (UZB)
- 01/2018 - 12/2020 Move to Basel, maternity leave, break from work.
- 06/2013 - 12/2016 **International Lecturer and Coordinator for International Affairs** at Thammasat University, Department of Prosthodontics, Faculty of Dentistry, Thammasat / Thailand.
International Lecturer:
 Preparation of detailed teaching protocols, detailed lectures and lesson plans for undergraduate dental students.
 Lecturer for undergraduate dental students at the 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.
 Supervision of dental students (2nd to 5th year) during clinical and lab work; Research Co-advising for 6th year students (PhD Level).
 Management, Coordination and Publication of Research Projects in the field of Occlusion and Temporomandibular Joint Disorders (see Scientific Publication below).
 Clinical Work focused on Occlusal Balancing Procedures, Digital Diagnostics using JVA/EMG Biometrics Craniomandibular Disorders and their management.
Coordinator for International Affairs (TU ICAD):
 Thammasat University International Training Centre for Advanced Dentistry (TU ICAD) was established at the faculty to provide a platform for dentists to enhance their clinical skills and gain an objective insight about Digital Occlusal Analysis Technology, Minimal Invasive Dentistry, TMJA Harmony and Dental Sleep Medicine.
 Organize, host and conduct scientific conferences, training sessions and workshops for large groups (up to 200 participants).
 Prepare Memorandum of Understanding (MOU) for collaboration with International Industry Partners (e.g. Tekscan Inc., BioResearch Inc., Shofu Dental). Organisation of meetings for visiting international partners.
- 09/2010 - 06/2018 **Key Opinion Leader and International Speaker for T-Scan Occlusal Analysis System, Tekscan Inc. Boston, USA**, giving lectures, conducting workshops and hands-on trainings to dental professionals around the world on Digital Occlusal Analysis Technology, Occlusion and Temporomandibular Joint Disorders.
- 09/2012 – 12/2020 **International Speaker for T-Scan Occlusal Analysis System, Tekscan Inc. Boston, USA**

This involves preparing scientific, interactive, evidence-based lectures for dental professionals with relevant clinical cases, constantly updating the presentations with new information to cater to different groups of audience in Asia, Australia, Middle East and Europe. (Refer to Lectures and presentations section).

Active In-Person Lectures have been halted due to Corona Pandemic

Beta Tester for T-Scan technology which involved close interaction with the product management team to give detailed feedback about the product's new software, interface, updates prior to launch of new versions.

- 03/2012 – 04/2013 **Product Consultant** at Yours Dental Inc., the distribution partner for T-Scan (Digital Occlusal Analysis Technology) manufactured by Tekscan Inc., Boston / USA.
On call visits to private dental offices in and around Seoul to demonstrate T-Scan Technology. Design of sales and marketing strategies, organisation of training sessions.
- 03/2012 – 04/2013 **Clinical Fellowship** at KyungHee University Hospital, Department of Prosthodontics, Gangdong / South Korea.
- 07/2011 – 12/2011 **Research Assistant** at the National University, Department of Biomaterial Sciences, Seoul / South Korea.
- 01/2004 – 12/2008 Part Time **English Teacher**, Seoul / S. Korea (break from dental career for personal reasons)
Various positions as English Teacher at Elementary Schools, Summer Camps, After School English Programs at Private Institutes (Hagwans) and one-to-one adult Conversation.

Education

- 01/2021 – 04/2023 **Dr.Med.Dent.** from Zentrum für Zahnmedizin (UZB) Basel, Switzerland
- 03/2009 – 06/2011 **Master of Science in Dentistry (Advanced Prosthodontics)** (MSD), Graduate School of Dentistry, Korea University Guro Hospital, Seoul / South Korea
- 08/2002 – 08/2003 **Rotatory Clinical Internship** (2-3 months clinical posting at different departments), Sardar Patel Institute of Dental and Medical Science, Lucknow, India
- 12/1997 – 06/2002 **bachelor's in dental sciences** (BDS), Sardar Patel Institute of Dental and Medical Sciences, Lucknow (UP) / India

Additional Qualifications

T-Scan Expert Level in T-Scan Digital Occlusal Analysis System. This includes excellent knowledge of the software, program features and clinical applications. conducting workshops as well as demonstrations and training sessions for small to large groups of participants.

T-Scan Occlusal Analysis Technology is a digital occlusal monitoring system used for occlusal balancing procedures for better clinical outcome displaying comprehensive real-time recordings of subject's occlusal data with precise force and time sequencing.

EMG Expert Level in Biometric Analysis using Joint Vibration Analysis (JVA) and Electromyography (EMG). This includes excellent understanding of functions and use of JVA and EMG that can be implemented for improved diagnostic for Temporomandibular Joint Function and Masticatory Muscle Functions.

Research and Scientific Publication	Expertise in conducting research projects, undertaking clinical research and supervising undergraduate students as research advisor. Knowledge and experience in scientific writing and publication.
Product Testing	Knowledge in evaluating, analysing and providing detailed feedback as a Beta Tester for new features and software enhancement for T-Scan Occlusal Analysis Technology.
International Lecturing	Experience in public speaking and delivering lectures as an invited speaker for Dental Conferences in over ten countries (Middle East, Asia Pacific, Australia and Europe)
Workshops	Conducting Workshops and demonstration sessions on T-Scan Digital Occlusal Analysis Technology, Biometric Analysis using JVA and EMG
Cultural Awareness	Born, brought up and educated in India, completed higher studies in South Korea, worked as an international lecturer in Thailand, married and settled in Switzerland, completed doctorate degree in Basel, as well as travelling around the globe has provided a good understanding and appreciation for people from different strata of life, cultures and backgrounds within the dental world and beyond.
Clinical Work	Occlusal Balancing procedures after Prosthetic, Restorative and Orthodontic 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
Computer Skills	Microsoft Office package (Word, PowerPoint)
Language skills	Hindi: Native speaker English: Fluent (written and spoken) Urdu: Fluent spoken Korean: Intermediate Level Conversation German: A2 level (attending German Classes for B1)

Additional Relevant Information

Interests	Meditation and Spiritual Philosophy Cooking Hosting
Author of book	Life's Little Lessons , A Transformational Journey in Search of Myself (Talentflick Promotion Pvt. Ltd) Published for circulation in India; July 2017 https://www.amazon.in/Lifes-Little-Lessons-Sarah-Qadeer/dp/8193212223/ref=sr_1_2?qid=1642109857&refinements=p_27%3ASarah+Qadeer&s=books&sr=1-2

References:

Prof. Dr. Jens Christoph Türp

Klinik für Rekonstruktive Zahnmedizin und Myoarthropathien
 Universitätskliniken für Zahnmedizin Basel (jens.tuerp@unibas.ch)

Dr. Kati Benthhaus

Chief Science and Education Officer,
 International Team for Implantology, Basel
Kati.benthhaus@iti.org

Dr. Robert Kerstein

Pioneer Researcher, International Speaker and Consultant for T-Scan Technology,
 Tekscan Inc. **Boston / USA** | rbktmjdoc@gmail.com
 Phone: +1 617 966 52 66

- Research Papers** **Journal of Oral Rehabilitation.** 2023 Jul;50(7):617-626. PMID: 36943389.
Number of Occlusal Contacts During Maximum Intercuspation in Dentate Adults:
A Systematized Review. Qadeer S, Türp JC.
- European Journal of Prosthodont Restor Dent** 2021 Aug 31;29(3):130-141.
Accuracy, Reliability and Clinical Implications of Static Compared to Quantifiable
Occlusal Indicators:
Qadeer S, Özcan M, Edelhoff D, Van Pelt H.
- Adv Dent Tech.** 2020 Jan;2(1):58-68
Force Distribution on Occlusal Splints using T-Scan Occlusal Analysis
Sarinnaphakorn L., Qadeer S., Kerstein RB.
- Cranio.** 2018 Jan;36(1):11-18.
Comparison of Excursive Occlusal Force Parameters in Post-Orthodontic and Non
Orthodontic Subjects using T-Scan® III
Qadeer S., Abbas A., Sarinnaphakorn L.t, Kerstein R.
- Cranio.** 2016 Nov;34(6):395-401
Comparison of Occlusal Force Parameters in Non-Orthodontic and Post-Orthodontic
Subjects using T-Scan
Qadeer S., Yang L., Sarinnaphakorn L., Kerstein R.
- Review Paper** **Cranio.** 2016 Jan;34(1):52-7
Computerized Occlusal Analysis as an Alternative Occlusal Indicators
Afrashtehfar KI., Qadeer S.
- Master's Thesis** **J Adv Prosthodont.** 2012 Feb;4(1):7-12
Relationship between Articulation Paper Mark Size and Percentage of Force
measured with Computerized Occlusal Analysis
Qadeer S., Kerstein R., Kim RJ, Huh JB, Shin SW
- Acta Odontol Scand.** 2013 Jan;71(1):120-9
The Influence of a Continuous Increase in Thickness of Opaque-Shade Composite
Resin on Masking Ability and Translucency
An JS, Son HH, Qadeer S., Ju SW, Ahn JS
- Case Report** **J Adv Prosthodont.** 2011 Mar;3(1):47
Immediate Loading on Mandibular Edentulous Patient with SFI Bar Overdenture
Kim HY, Kim RJ, Qadeer S., Jeong CM, Shin SW, Huh JB
- Contributing
Author in 2
Textbooks** ***Handbook of Research:** Computerized Occlusal Analysis Technology
Applications in Dental Medicine. IGI Global, Hershey PA, USA Vol. 1, by Robert B.
Kerstein, **January 2015 Edition 1**, (1); page 36 – 64, **Limitations of Traditional
Non-Digital Occlusal Indicators when Compared to T-Scan Computerized
Occlusal Analysis. Qadeer Sarah.**
- *Handbook of Research:** Clinical Applications of Computerized Occlusal Analysis in
Dental Medicine, IGI Global, Hershey PA, USA Vol 2, by Kerstein RB **August 2019
Edition 2**, (1); page 55-99. **Comparing the Force and Timing Limitations of
Traditional Non-Digital Occlusal Indicators to T-Scan Occlusal Analysis
Technology. Sarah Qadeer, Lertrit Sarinnaphakorn**
- Online Interview** **Dr. Sarah Qadeer & Dr. Robert Kerstein: Discussion on T-Scan & Occlusion**
09/2020: <https://fb.watch/ajNXO4fNsY/> (Recorded LIVE)

March 2020	ITI Study Club, Zurich & Vevey/ Switzerland , Guest Speaker Integrating Technologies for Better Treatment Outcome
July 2018	ITI Club, Vevey / Switzerland , Guest Speake Digital Occlusal Analysis for Improved Implant Outcome
November 2017	FINACAD Digital Measurement Workshop, Turku / Finland , Guest Speaker Digital Occlusal Management and Orthodontics
September 2017	International User Meeting, Elmero / Netherlands , Guest Speaker Orthodontists and General Practitioner's working together
May 2017	International Congress, Sofia / Bulgaria , Key Note Speaker Implant Occlusion in the Digital Age of Dentistry
October 2016	SIDA CranioMandibular Conference, Sicily / Italy , Key Note Speaker Digital Occlusal Analysis for Occlusal Management
May 2016	T-Scan Users' Meeting, Groningen / Netherlands , Key Note Speaker Digital Diagnostics for Occlusion & TMD
March 2016	ADX, Sydney / Australia , Guest Speaker Digital Diagnostic Approach for Occlusion and TMD Problems in the New Age of Dentistry
July 2015	Dawson Academy, Poznan / Poland , Guest Speaker, Lecture and Workshop for Poznan Dawson Academy Group Digital Occlusal Analysis in the New Age of Dentistry
April 2015	FORIL XI, Jakarta / Indonesia , Guest Speaker T-Scan Occlusal Analysis Technology: Digital Approach to Occlusal Balancing
March 2015	IDS Cologne / Germany , Speaker for Tekscan Inc. T-Scan Occlusal Analysis in the new age of Dentistry
January 2015	Recorded Webinar Available Online Digital Occlusal Analysis in the New Age of Dentistry https://www.tekscan.com/events/sarah-qadeer-2015
September 2014	17 th National Congress of Moldovan Association of Stomatologists Chisinau/ Moldova , Guest Speaker T-Scan Occlusal Analysis Technology: An Insight to Occlusal Monitoring
May 2014	PAFJO TMJ Congress, Manila / Philippines , Invited Speaker Using Digital Technology for Improved Treatment outcome in Dentistry
March 2014	King Georges Medical College, Dept. of Prosthodontics, Lucknow / India , Invited Speaker An introduction to Digital Occlusal Analysis and Biometrics
December 2013	24th Jordanian International Dental Congress, Amman / Jordan , Invited Speaker Applying Digital Technology to Dental Practice: T-Scan III, Followed by workshop and demonstration session for a group of 20 dentists
August 2013	Dental Study Club, Bangkok / Thailand , Main Lecturer Conduct one day courses including Lecture on T-Scan and Biometrics, Workshop and Demonstrations for group of private dentists from Thailand, Vietnam and Cambodia (also been held in September 2014 and February 2015.)
February 2013	International Dental Association, Dubai / UAE , Keynote Speaker

	Implant Occlusion and Paper Mark Challenge using Digital Occlusal Analysis
October 2012	Red International Exhibition Management, Dubai / UAE , Invited Speaker
	Smile Design and Occlusal Monitoring: A Key to Success in Dentistry
November 2012	KASFO Osseointegration Academy, Seoul / South Korea , Guest Lecture
	Reason and Rationale behind Time Delay Occlusion for Implant Prosthesis
March 2012	11 th T-Scan Users Seminar, Seoul, South Korea , Guest Lecture and Workshop
	The Art and Science of T-Scan III
September 2010	Korean Academy of Prosthodontics, Daejeon, South Korea , Guest Lecture
	Association Between Size of Articulation Paper Mark and Occlusal Force using T-Scan III Computerized Occlusal Analysis Technology
September 2009	Korean Academy of Prosthodontics, Seoul / South Korea , Guest Lecture
	Clinical Application of New T-Scan Occlusion Maintenance System

Dr. Sarah Qadeer graduated from Sardar Patel Institute of Dental and Medical Sciences (SPIDMS) in Lucknow, India, with a Bachelor of Dental Sciences (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 joined as an **International Lecturer and researcher at Thammasat University Faculty of Dentistry in Thailand** for over four years. She was the coordinator for the International Training Centre for Advanced Dentistry (TU ICAD) where she organized training programs on T-Scan Occlusal Analysis, JVA, EMG Biometrics, Minimal Invasive Cosmetic Dentistry, Temporomandibular Disorders and Sleep Medicine. These mini-residency training courses were designed for dental practitioners in Asia, to gain an objective insight to their patient's occlusion, and develop a comprehensive understanding of the stomatognathic system using digital technology for better treatment outcome.

Currently based in Basel, Switzerland, she successfully acquired the **Dr. Med. Dent.** (Doctorate Degree) from **Universitäres Zentrum für Zahnmedizin Basel (UZB)** to advance her Academic Dental Career as well as gained corporate experience working as **Education Manager at ITI.Org**.

Prior to this, she has been 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 scientific contributions include research papers and systematic reviews with eminent professors as co-authors. Besides various publications, her achievements include text-book contributions, "Comparing the Force and Timing Limitations of Traditional Non-Digital Occlusal Indicators to T-Scan Occlusal Analysis Technology", in the Handbook of Research by IGI Global, Hershey PA, USA.

Most recently, the **experience gained as Education Manager at ITI.Org** has set a foundation for the **skills necessary to thrive in dental industry and corporate environment such as conceptualizing educational programs**, project management for ITI Treatment Guide and building the Mentorship Program from scratch, communicating with committee chairs, scholars and scholarship centers, collaborating internally and externally with a team of highly qualified and skilled professionals, preparing agendas/presentations and writing minutes for global events, EPR Software, JIRA Tickets, ABACUS Invoicing and integrating into a **global team to work together for the benefit of the organization**.

Currently she holds a position of Senior Manager, Training and Education at vVARDIS Switzerland