

## Prof. Dr. Jamal M. Stein, MSc.

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Zahnärztliches Praxiszentrum für Implantologie, Parodontologie und Prothetik

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1993 - 1998	Study of Dentistry, Martin Luther University Halle-Wittenberg, Germany
1998	Dental Licence, Martin Luther University Halle-Wittenberg, Germany
2000	Doctorate Thesis, Institute of Medical Immunology, MLU Halle-Wittenberg
2002 - 2009	Research Assistant at the Department of Operative Dentistry, Periodontology and Preventive Dentistry, University Hospital of the RWTH Aachen, Germany
2002 - 2005	Postgraduate Study MSc. Periodontology (Donau University Krems, Austria)
2007	Practice Clinic for Implantology, Periodontology and Prosthetics together with Dr. Chr. Hammächer in Aachen, Germany
2009	Senior Physician for Periodontology at Department of Operative Dentistry, Periodontology and Preventive Dentistry, University Hospital of the RWTH Aachen, Germany
2010	Habilitation and Venia legendi
2011	Specialist for Periodontology of the German Society of Periodontology (DG Paro)
2015	Appointment as full professor at the Aachen RWTH University

Several activities as author, editor and lecturer in the field of periodontology  
Lectureship for the Academy for practice and research (APW) of the German Society for Dental and Oral Medicine (DGZMK) and Periodontology (DG Paro)  
Board Member and since 2021: President of the New Working Group of Periodontology (NAGP)

### **Research areas:**

- Morphologic differentiation of gingival biotypes as risk indicators for periodontal recessions
- Methods for preservation of hard and soft tissue structures of the alveolar ridge after extraction using modified socket seal techniques
- Strategies for anti-infective therapy of peri-implantitis
- Anti-infective therapy of stage III and IV periodontitis using full mouth disinfection – comparison of different therapeutic approaches
- Evaluation of the efficacy and biocompatibility of different decontamination measures on titanium and zirconium surfaces for therapy of peri-implantitis
- Regeneration promoting effects of calcium composite materials in the therapy of periodontal intrabony defects
- Association of MHC class I and II antigens in stage III and IV periodontitis

***Main area of work:***

- Anti-infective strategies for non-surgical therapy of periodontitis
- Regenerative periodontal therapy
- Resektive periodontal therapy
- Plastic periodontal surgery
- Perio-Prosthodontics
- Therapy of peri-implant mucositis and peri-implantitis