

Dr. med. dent. René Daher



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DIPLOMAS AND TRAININGS

2019 – 2023 Geneva, Switzerland	Reconstructive Dentistry Specialization (Fixed & Removable Prosthodontics) <i>Université de Genève, Faculté de Médecine</i>
2015 – 2019 Amsterdam, the Netherlands	PhD Dental Biomaterials <i>ACTA - Academisch Centrum Tandheelkunde Amsterdam</i>
2014 - 2019 Geneva, Switzerland	Doctorate in Dental Medicine <i>Université de Genève, Faculté de Médecine</i>
2008 - 2013 Beirut, Lebanon	Doctorate in Dental Surgery <i>Université Saint-Joseph, Faculté de Médecine Dentaire</i>
2009 - 2011 Beirut, Lebanon	Psychology <i>Université Libanaise, Faculté des lettres et des sciences humaines</i>
2008 Beirut, Lebanon	Baccalauréat Français <i>Collège des Frères Mont La Salle</i>

PROFESSIONAL EXPERIENCE

Feb. 2020 – Present Geneva, Switzerland	Université de Genève Coordinator and member of the steering committee, MAS Digital Dental Technologies - Division of Cariology and Endodontics, Division of Fixed Prosthodontics and Biomaterials (20%)
Oct. 2019 – Present Geneva, Switzerland	Université de Genève Senior Lecturer – Division of Cariology and Endodontics (80%) <ul style="list-style-type: none">• Clinical and theoretical teaching at the Bachelor, Master and postgraduate levels• Clinical treatments• Research• Management, organization, administration
Oct. 2014 – Oct. 2019 Geneva, Switzerland	Université de Genève Lecturer <ul style="list-style-type: none">• Clinical and theoretical teaching at the Bachelor and Master levels• Clinical treatments• Research• Management, organization, administration
Jan. 2014 – Sept. 2014 Geneva, Switzerland	Université de Genève Research
July 2013 – Dec. 2013 Geneva, Switzerland	Private practice

COMPÉTENCES

Languages

French : Fluent

English : Fluent

Arabic : Fluent

Spanish : DELE B2

Other

Expertise in most intraoral and extraoral acquisition systems, computer-aided design, subtractive and additive manufacturing

Finite Element Analysis (FEA)

Coding : Java, Python

Reinforcement learning (AI) : Basic

PUBLICATIONS

- Novel non-invasive reinforcement of MOD cavities on endodontically treated teeth. **René Daher**, Albert J. Feilzer, Ivo Krejci. *J Dent.* 2016 Nov;54:77-85.
- Stress distribution difference between Lava Ultimate full crowns and IPS e.max CAD full crowns on a natural tooth and on tooth-shaped implant abutments. Ivo Krejci, **René Daher**. *Odontology.* 2017 Apr;105(2):254-256.
- Restoration of severely damaged endodontically treated premolars: The influence of the endo-core length on marginal integrity and fatigue resistance of lithium disilicate CAD-CAM ceramic endocrowns. G.T. Rocca, **R. Daher**, C.M. Saratti, R. Sedlacek, T. Suchy, A.J. Feilzer, I. Krejci. *J Dent.* 2018 Jan;68:41-50.
- Color stability of different composite resins after polishing. Ardu S, Duc O, Di Bella E, Krejci I, **Daher R**. *Odontology.* 2018 Jul;106(3):328-333. doi: 10.107
- Digital Smile Design With a Mobile Phone and Intraoral Optical Scanner. **Daher R**, Ardu S, Vjero O, Krejci I. *Compend Contin Educ Dent.* 2018 Jun;39(6):e5-e8
- Caries Detection with Near-Infrared Transillumination Using Deep Learning. Casalegno F, Newton T, **Daher R**, Abdelaziz, M., Lodi-Rizzini, A., Schürmann, F., Krejci, I., & Markram, H. *J Dent Res.* 2019;98(11):1227-1233.
- Effect of light-curing time on microhardness of a restorative bulk-fill resin composite to lute CAD/CAM resin composite endocrowns. **René Daher**, Stefano Ardu, Cees J. Kleverlaan, Enrico Di Bella, Albert J. Feilzer, Ivo Krejci. (Accepted *American Journal of Dentistry* 2020)
- Ardu S, **Daher R**, Di Bella E, Rossier I, Krejci I. Influence of mechanical and chemical degradation on surface gloss of direct and CAD-CAM resin composite materials. *Am J Dent.* 2020 Jun;33(3):157-160.
- **Daher R**, Ardu S, Di Bella E, Rocca GT, Feilzer AJ, Krejci I. Fracture strength of non-invasively reinforced MOD cavities on endodontically treated teeth. *Odontology.* 2021 Apr;109(2):368-375. doi: 10.1007/s10266-020-00552-6. Epub 2020 Sep 4.
- Rocca GT, Baldrich B, Saratti CM, Delgado LM, Roig M, **Daher R**, Krejci I. Restoration's thickness and bonding tooth substrate are determining factors in minimally invasive adhesive dentistry. *J Prosthodont Res.* 2021 Aug 21;65(3):407-414. doi: 10.2186/jpr.JPR_D_20_00008. Epub 2021 Mar 25.
- Ardu S, Duc O, Krejci I, Bétrisey E, Di Bella E, **Daher R**. Gloss retention of direct composites and corresponding CAD/CAM composite blocks. *Clin Exp Dent Res.* 2022 Feb;8(1):282-286. doi: 10.1002/cre2.505. Epub 2021 Oct 14.
- **Daher R**, Krejci I, di Bella E, Marger L. Evaluation of the Validity of Digital Optical Microscopy in the Assessment of Marginal Adaptation of Dental Adhesive Interfaces. *Polymers (Basel).* 2021 Dec 27;14(1):83. doi: 10.3390/polym14010083.
- **Daher R**, Krejci I, Mekki M, Marin C, Di Bella E, Ardu S. Effect of Multiple Enamel Surface Treatments on Micro-Shear Bond Strength. *Polymers (Basel).* 2021 Oct 18;13(20):3589. doi: 10.3390/polym13203589.
- **Daher R**, Krejci I, Rocca GT, Di Bella E, Kleverlaan CJ, Feilzer AJ, Ardu S. Effect of light-curing time and direction on microhardness of a light-cured resin composite to cement CAD-CAM restorations. *Am J Dent.* 2022 Jun;35(3):123-127.
- Myagmar G, **Daher R**, Yeo IL, Ahn JS, Han JS, Lee JH. Color and surface stainability of additively and subtractively manufactured interim restorative materials against mouth rinses. *J Prosthet Dent.* 2022 Jul 15:S0022-3913(22)00376-6. doi: 10.1016/j.prosdent.2022.06.003. Epub ahead of print.
- **Daher R**, Ardu S, di Bella E, Krejci I, Duc O. Efficiency of 3D-printed composite resin restorations compared with subtractive materials: Evaluation of fatigue behavior, cost, and time of production. *J Prosthet Dent.* 2022 Nov 1:S0022-3913(22)00481-4. doi: 10.1016/j.prosdent.2022.08.001. Epub ahead of print.
- Lee SY, **Daher R**, Jung JH, Kwon HB, Han JS, Lee JH. Prosthetic restorative modality in complete edentulism and its association with masticatory and speech discomforts: A nationwide cross-sectional study from Korea. *J Prosthodont Res.* 2022 Nov 29. doi: 10.2186/jpr.JPR_D_22_00160. Epub ahead of print.

- Rocca GT, Canneto JJ, Scotti N, **Daher R**, Feilzer A, Saratti CM, Krejci I. Restoration of Severely Damaged Endodontically Treated Premolars: Influence of the Ferrule Effect on Marginal Integrity and Fracture Load of Resin Nano-ceramic CAD-CAM Endocrowns. *Oper Dent*. 2021 Nov 1;46(6):650-660. doi: 10.2341/20-081-L.
- **Daher R**, Krejci I, Ardu S. Time-and cost-effective 3-dimensional-printing workflow to rehabilitate worn dentitions: A clinical report. *J Prosthet Dent*. 2023 Mar 21:S0022-3913(23)00123-3. doi: 10.1016/j.prosdent.2023.02.013. Epub ahead of print.
- Restauration des prémolaires dévitalisées sévèrement délabrées. L'influence de la longueur de l'extension pulpaire sur l'intégrité marginale et sur la résistance à la fatigue des endocrowns CAD-CAM en céramique de disilicate de lithium. **René Daher** - Thèse doctorat Unige
- Finite element analysis comparison between invasive and non-invasive artificial marginal ridges on endodontically treated teeth. **Daher R.**, Feilzer AJ, Krejci I. IADR meeting 21-25 March 2017- San Francisco, USA
- Exploring fatigue limits of CAD/CAM ceramic endocrowns. Rocca GT, Saratti CM, **Daher R**, Sedlacek R, Suchy T, Feilzer AJ, Krejci I. *Dental Materials* 2017. 33. e67.
- Non Invasive Proximal Adhesive Restoration : A case report. Ardu S, Krejci I, **Daher R**, Abdelaziz M. AIC and Conseuro Poster session #P92, May 2017.

OTHER INFORMATION

- Reviewer *Journal of Prosthetic Dentistry* since 2018.
- Reviewer *Journal of Operative Dentistry* since 2019.
- Reviewer *Clinical Oral Investigations* since 2019.