

## **Curriculum Vitae**

Dr. João Filipe Brochado Martins, DDS, MSc, PhD Candidate  
(Endodontics)

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## **Education & Qualifications**

- PhD Candidate in Endodontology, University of Amsterdam, ACTA (2022–ongoing)
- MSc in Oral Health Sciences (Endodontics), Vrije Universiteit Amsterdam, ACTA (2019–2022)
- Postgraduate Diploma in Endodontics, ISCS-Norte, CESPU, Portugal (2017–2018)
- Master in Experimental Pathology, University of Coimbra (2014–2016)
- Integrated Master in Dentistry, University of Coimbra (2008–2013)

## **Professional Experience**

- CEO / Endodontist, PurEndo Verwijspraktijk, Purmerend, NL (May 2023–present)
- Endodontist, Verwijspraktijk Amsterdam Zuid (Sept 2019–present)
- Endodontist, Tandartsenpraktijk Aemstelgroep (Mar 2018–May 2023)
- Endodontist, Tandartspraktijk de ZuidAS (Apr 2019–present)
- General dentist in the Netherlands and Portugal (2013–2018)

## **Academic Roles & Teaching**

- Lecturer in Endodontology, ACTA (2021–present)
- Course Coordinator, Basic Concepts in Endodontology, ACTA (2024–2025)

- Assistant Lecturer, Histology & Dental Biology, University of Coimbra (2013–2016)
- Supervision of dental assistants and radiology technicians

## Scientific Publications

- Jasminum-based Nano-reinforced Calcium Hydroxide Reduces Postoperative Pain in Symptomatic Apical Periodontitis: A Randomized Controlled Trial. *Journal of Endodontics*, 2025.
- CBCT-Assessed Outcomes and Prognostic Factors of Primary Endodontic Treatment and Retreatment. *Journal of Endodontics*, 2025.
- Determinants of Regenerative Endodontic Therapy Use among Pediatric and Endodontic Specialists. *Scientific Reports*, 2025.
- Clinical Decision-Making of Repair vs. Replacement of Defective Restorations. *Journal of Esthetic and Restorative Dentistry*, 2025.
- Clinical Difficulties Related to Direct Composite Restorations. *International Dental Journal*, 2025.
- Synthesis of Titania Nanoparticles Using Corn Silk Fibres. *Comp Struct Biotech J*, 2025.
- Repair vs. Replacement of Defective Direct Dental Restorations. *Journal of Dentistry*, 2024.
- Awareness of Complications from Composite Restorations. *Journal of Dentistry*, 2024.
- RISA Clinical Study on Apical Periodontitis. *International Endodontic Journal*, 2023.
- Cost-Effectiveness of Selective vs. Full Root Canal Retreatment. *International Endodontic Journal*, 2023.
- Prevalence of Radix Entomolaris and Distolingual Canal. *Journal of Endodontics*, 2023.
- Impact of AH-Plus Sealer Extrusion on Apical Healing. *Journal of Endodontics*, 2023.
- Practice of Regenerative Endodontic Procedures. *International Journal of Paediatric Dentistry*, 2023.
- Decision-Making in Direct Pulp Capping. *Journal of Endodontics*, 2023.
- Prevalence of Middle Mesial Canal in Mandibular First Molars. *Journal of Endodontics*, 2023.
- Outcome of Selective Root Canal Retreatment. *International Endodontic Journal*, 2023.
- Cutaneous Adverse Reaction from AstraZeneca Vaccine. *Vaccines*, 2022.
- Root Cementum Remodeling. *Folia Morphologica*, 2020.
- Prevention of Bisphosphonate-related Osteonecrosis. *Materials*, 2020.
- Apical Papilla Development in Regenerative Endodontics. *Applied Sciences*, 2019.
- Histological Evaluation of Chitosan Scaffold Use in Regenerative Endodontics. *Journal of Endodontics*, 2017.
- In Situ Forming Chitosan Hydrogels and Inflammatory Response. *Materials Science and Engineering: C*, 2017.
- Histomorphometric Analysis of Collagen Matrices. *Revista Portuguesa de Estomatologia*, 2016.

### **Scientific Presentations & Invited Lectures**

- NVvE Congress (2024), OMD Congress (2023), ESE (2022, 2017)
- John I. Ingle Symposium (2022), AEDE, SPEMD, RAMDEC

### **Honours & Awards**

- Top Cited Article: International Journal of Paediatric Dentistry, 2023
- Best Clinical Case: RAMDEC 2021
- Top Cited Article: Applied Sciences, 2019
- Best Oral Communication & Poster Awards: OMD Congresses (2014–2016)
- Top 3% Dentistry Student, University of Coimbra

### **Continuing Education & Certificates**

- AAE On-Demand, CAPP Webinar, Ingle Symposium, RISA, etc. (2016–2025)

### **Editorial & Peer Review Activity** (22+ peer reviews (2021–2025))

- BMC Oral Health (7), Clinical Oral Investigations (2), Scientific Reports (1)
- European Endodontic Journal (12), Australian Endodontic Journal (1)
- Case Reports in Dentistry (1), Journal of Clinical Medicine (1)

### **Languages**

- Portuguese (Native), English (C1), Dutch (A2)

### **Technical & Organizational Skills**

- Endodontic microsurgery, regenerative procedures, CBCT diagnosis
- Academic teaching & coordination, bilingual communication

