




SERGIU-MANUEL ANTONIE, DDS

Specialist in Esthetic and Prosthetic Dentistry
Assistant Professor, Victor Babeș University of Medicine and Pharmacy Timișoara

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Nationality: Romanian

Date of Birth: 03 August 1979

PROFESSIONAL EXPERIENCE

Specialist Dentist – Esthetic and Prosthetic Dentistry

Antonie Sergiu Dental SRL / Dental Experts SRL

Timișoara, Romania | 2008 – Present

- Clinical practice focused on implant dentistry, implant-supported prosthetic rehabilitation, and esthetic dentistry.
- Extensive experience in fixed prosthodontics, implant-supported restorations, full-mouth rehabilitation, and digital dentistry.
- Treatment planning and execution of complex implant and esthetic rehabilitation cases.

Assistant Professor

Victor Babeș University of Medicine and Pharmacy Timișoara

Timișoara, Romania | 2003 – Present

- Teaching undergraduate and postgraduate dental students.
- Clinical supervision and practical training in restorative and prosthetic dentistry.
- Participation in academic research and scientific publication activities.

Member

Romanian Society of Esthetic Dentistry (SSER)

2004 – Present

EDUCATION

Full Immersion in Prosthodontics

Dr. Andrea Ricci

Florence, Italy | 2013

Creating Excellence in Aesthetic Dentistry through DSD and E.max Porcelain Veneers

Cluj-Napoca, Romania | 2012

Prep and No-Prep Veneers

Prof. Domenico Massironi

Bucharest, Romania | 2011

Advanced Aesthetic Dentistry

Prof. Mauro Fradeani

Pesaro, Italy | 2010

Residency in General Dentistry

Municipal Hospital of Timișoara

Timișoara, Romania | 2003–2006

- Final score: 940/950
- Ranked 70th among 1,050 national candidates

Degree in Dental Medicine

Victor Babeș University of Medicine and Pharmacy – Faculty of Dentistry

Timișoara, Romania | 1997–2003

- Overall GPA: 9.45/10
- Thesis grade: 9.73/10

High School Diploma

Mining Industrial High School

Hunedoara, Romania | 1993–1997

LANGUAGE SKILLS

Language	Listening	Reading	Writing	Spoken Interaction	Spoken Production
Romanian	Native	Native	Native	Native	Native
English	C2	C2	C2	C2	C2
French	B1	B1	B1	B1	B1
Italian	A2	A2	A1	A1	A1

DIGITAL SKILLS

- Microsoft Office Suite (Word, Excel, PowerPoint, Outlook, Publisher)
- Adobe Creative Suite
- Keynote
- Data Processing and Statistical Software
- Digital Dentistry Software
- Internet and Web Technologies
- Independent Computer User

ACADEMIC TEACHING AND PROFESSIONAL TRAINING

Lecturer and Academic Instructor

- Assistant Professor at the Victor Babeș University of Medicine and Pharmacy Timișoara.
- Lecturer at national scientific congresses and professional meetings.
- Clinical instructor in restorative, prosthetic, and implant dentistry.
- Contributor to undergraduate and postgraduate dental education programs.

RESEARCH INTERESTS

- Implant Prosthodontics
- Esthetic Dentistry
- Full-Arch Rehabilitation
- Optical Coherence Tomography (OCT)
- Dental Biomaterials

- Biomechanical Analysis
- Finite Element Analysis (FEA)
- Implant Stability Assessment
- Digital Dentistry

SCIENTIFIC PUBLICATIONS

Journal Articles

2025

1. **Antonie, S.M., Rusu, L.C., Borşanu, I.A., Bratu, R.C., & Bratu, E.A.**
Clinical Performance and Retention of Partial Implant Restorations Cemented with Fuji Plus® and DentoTemp™: A Retrospective Clinical Study with Mechanical Validation.
Medicina, 61(12), 2183.
2. **Borşanu, I.A., Rusu, L.C., Antonie, S.M., & Bratu, E.A.**
Prosthetic Cap-Free Implant Restorations: Five-Year Clinical Performance with Mechanical Verification.
Dentistry Journal, 13(12), 586.
3. **Antonie, S.M., Rusu, L.C., Borşanu, I.A., & Bratu, E.A.**
Preliminary Comparative Analysis of Monolithic Zirconia and Hybrid Metal–Ceramic Designs in Full-Arch Implant-Supported Restorations.
Prosthesis, 7(6), 154.
4. **Borşanu, I.A., Rusu, L.C., Antonie, S.M., & Bratu, E.A.**
Comparative Clinical Evaluation of Digital Versus Conventional Dental Impression Techniques in Implant-Supported Restorations.
Prosthesis, 7(6), 135.
5. **Obadan, R.B., & Antonie, S.M.**
Bone Remodeling Around a Hybrid Conical Connection Implant.
Romanian Journal of Oral Rehabilitation, 17(3).

2023

6. **Bratu, E.A., Borşanu, I.A., Rusu, L.C., Soica, C., & Antonie, S.M.**
Functional Traps of the Full-Arch Implant Superstructures in Implantology.
Romanian Journal of Oral Rehabilitation, 15(4).

2009

7. **Antonie, S., Sinescu, C., Negruțiu, M., Sticlaru, C., Negru, R., Laissue, P.L., et al.**
Investigation of Implant Bone Interface with Non-Invasive Methods: Numerical Simulation, Strain Gauges and Optical Coherence Tomography.
Key Engineering Materials, 399, 193–198.
8. **Sinescu, C., Negruțiu, M.L., Antonie, S., Dobre, G., Bradu, A., Hughes, M., et al.**
Marginal Adaptation Analysis Performed with En Face Optical Coherence Tomography in Fixed Partial Dentures.
Medical Imaging, 7258, 1387–1391.

2008

9. **Sinescu, C., Hughes, M., Bradu, A., Negruțiu, M., Todea, C., Antonie, S., et al.**
Implant Bone Interface Investigated with a Non-Invasive Method: Optical Coherence Tomography.
Proceedings of SPIE, 6991, 274–282.

2007

10. **Bratu, E., Bratu, D., & Antonie, S.**
Classification Systems for Partial Edentulism.
OHDMBSC, 6(4), 50–55.

2004

11. **Bratu, E., Antonie, S., & Bratu, D.**
Restoration of Anterior Maxillary Edentulous Areas with Fixed Prostheses.
Stomatološki Informator, 10(15), 13–18.

Books and Book Chapters

2024

1. **Borșanu, I.A., Erdelyi, R.A., Rusu, L.C., Antonie, S.M., & Bratu, E.A.**
Full-Arch Implant-Supported Restorations: Hybrid versus Monolithic Design.
In: **Advances in Dentures – Prosthetic Solutions, Materials and Technologies.**
IntechOpen.

2008

2. **Bratu, E., & Antonie, S.**

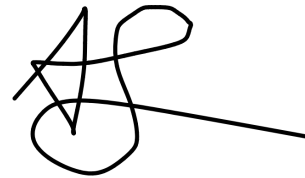
Restaurarea Edentațiilor Parțiale prin Proteze Mobilizabile.

Editura Medicală.

PROFESSIONAL PROFILE

Dr. Sergiu-Manuel Antonie is a Romanian specialist dentist and academic with more than two decades of experience in esthetic dentistry, prosthodontics, implant-supported rehabilitation, and dental education. His research activity encompasses implant biomechanics, optical coherence tomography, digital dentistry, and clinical prosthodontics. He combines academic teaching, scientific research, and advanced clinical practice, with particular interest in esthetic rehabilitation and implant-supported restorative solutions.

7.6.2026

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