

PERSONAL INFORMATION

Brad Silviu

 str.Mitropolit Andrei Șaguna, Bl. A4, Ap.7, 300119, Timișoara 0722204477 bradsilviu@yahoo.com

Sex Male | Date of birth 14/10/1959 | Nationality: Romanian

POSITION

Medical doctor
University professor
Head of "General and Dento-maxillary Medical Imaging and Radiology" Disciplines
Head of Department II
Dental Medicine Faculty
"Victor Babes" University of Medicine and Pharmacy Timisoara.

WORK EXPERIENCE

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- | | |
|--------------|---|
| 2020–Present | Head of Department II
Dental Medicine Faculty
"Victor Babes" University of Medicine and Pharmacy Timisoara. |
| 2010–Present | University professor
Head of "General and Dento-maxillary Medical Imaging and Radiology" Disciplines
Dental Medicine Faculty
"Victor Babes" University of Medicine and Pharmacy Timisoara. |
| 2010–Present | PhD. Scientific Coordinator
Dental Medicine Faculty
"Victor Babes" University of Medicine and Pharmacy Timisoara |
| 2014–2016 | Medical director interim
Emergency Military Clinical Hospital Timisoara |
| 2004–2008 | Associate professor
Dental Medicine Faculty
"Victor Babes" University of Medicine and Pharmacy Timisoara |
| 2005–2006 | Commander
Emergency Military Clinical Hospital Timisoara |
| 1999–2016 | Head of Computer Tomography Laboratory
Emergency Military Clinical Hospital Timisoara |
| 1994–1999 | Radiology and Medical Imaging Medical Doctor
Emergency Military Clinical Hospital Timisoara |

- 1991–1994 Resident Radiology and Medical Imaging Medical Doctor
“Victor Babes” University of Medicine and Pharmacy Timisoara
- 1987–1991 General Medicine Medical Doctor
Timisoara Garrison
- 1984 - 1987 Intern Medical Doctor
Central Military Hospital Bucharest

EDUCATION AND TRAINING

- 2025 Postgraduate course in psychopedagogical training-DPPD - level I and II –
West University "Vasile Goldiş" Arad
- 2015 Postgraduate course Imaging in emergencies
- 2015 Postgraduate course in Radioprotection
- 2011 Postgraduate course in Radioprotection
- 2011 BULATS - CEF/ALTE - Level: B2/3
- 2010 Microsoft Project Advanced
- 2010 Project manager
- 2005 - 2006 Master in Health System Management
- 2002 “Doctor in Medicine” Scientific Title
- 1999 Competence in Magnetic Resonance Imaging
- 1998 – 1999 Competence in General Ultrasound
- 1997 - 1998 Competence in Computer Tomography
- 1991 Admitted through residency exam for the Radiology and Medical Imaging specialty
- 1984 The title of doctor in the specialty of General Medicine based on the state exam
- 1978 - 1984 Faculty of General Medicine, M.Ap.N section
IMF Bucharest
- 1974 - 1978 High school of Mathematics - Physics
Petroşani, Hunedoara county

INTERNATIONAL AND NATIONAL TRAINING COURSES

- 1) 01.03.– 01.06.1992 Timișoara - Computer usage course;
- 2) 01 – 03.10.1992 Bucharest - International urology course;
- 3) 08 – 09.10.1993 Arad - International gastrointestinal radiology course;
- 4) 07 – 08.10.1994 Tulcea - International thoracic radiology course;
- 5) 06 – 07.10.1995 Pitești - International osteoarticular radiology course;
- 6) 05 – 10.05.1996 Brașov - International MRI workshop;
- 7) 27 – 31.05.1997 Poiana Brașov - International MRI Workshop;
- 8) 01.IV – 30.06.1997 - Postgraduate Course in CT UMF Bucharest;
- 9) 15.XI – 15.02.1998 - Postgraduate Course in Abdominal Ultrasound UMF Timișoara;
- 10) 26 – 27.02.1999 - First French-speaking Course in Interventional Neuroradiology Timișoara;
- 11) 01–07.05.1999 Neptun - Postgraduate Course in MRI;
- 12) 27–29.05.1999 Craiova - Course in Ultrasound in Medical-Surgical Emergencies;
- 13) 15–30.07, 15–30.09.1999 - MRI Internships UMF Bucharest;
- 14) 23 – 25.09.1999 Constanța- Workshop service;
- 15) 07 – 08.05.2000 - second French-speaking course of interventional neuroradiology Timișoara;
- 16) 20 – 23.09.2000 Iași - Nuclear medicine symposium;
- 17) 06 – 08.04.2001 - Third French-speaking course of interventional neuroradiology Timișoara;
- 18) 26 – 29.09.2001 - Course of radioimaging in obstructive jaundice;
- 19) 17 – 21.06.2002 Neptun - Postgraduate course of MRI;
- 20) 25 – 28.09.2002 Craiova - Course of radioimaging in acute pancreatitis.
- 21) 02.06. – 06.06. 2003 Sinaia - Summer school of MRI;
- 22) 01.10.2005 – 30.06.2006 – Master's course in Health Systems Management at the Faculty of Sociology and Social Work – University of Bucharest;
- 23) 03-28.10.2005 – Postgraduate Course on Health Services Management, IMM, Bucharest;
- 24) 16-18.05.2006 – Course on Radioprotection in Radiodiagnosis, Ministry of Health, Timișoara;
- 25) 29.06.-01.07. 2006 – Clinical Course on Advanced MR Imaging of the Musculoskeletal System at the ESMRMB School of MRI, Iraklion/GR.
- 26) 28.09.2006 – International Course on Non-Invasive Chest Imaging, Iași.
- 27) 13-27.05.2010 - Specialization course "Project Manager" - Development Consulting Group DCG SRL, NATIONAL COUNCIL FOR VOCATIONAL TRAINING OF ADULTS, MINISTRY OF LABOR, FAMILY AND EQUAL OPPORTUNITIES, TIMIȘOARA.
- 28) 27.11.2010 – 28.11.2010 – Intensive course Microsoft Project Advanced – PRO MANAGEMENT training center within: "Project

for the development of doctoral programs with European dimensions in medicine and life sciences" – Timișoara.

29) 09 -14.05.2011 – Postgraduate Course in Radiation Protection, TEMCO ROMANIA, Cluj.

30) 28 – 31.05.2015 – Craiova, Postgraduate Course in Radiation Protection;

31) 24.10. 2015 – Timișoara, Postgraduate course Imaging in emergencies;

32) 2023-2025 - Postgraduate course in psychopedagogical training-DPPD -level I and II - University of VEST "Vasile Goldiș" Arad

PERSONAL SKILLS AND COMPETENCES

Mother tongue(s) Romanian

Other language(s)

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
French	B1	B1	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

Social skills and competences Creativity, open to new experiences, honesty, earnestness, good communication skills, responsibility.

Organisational skills and competences Teamwork, organization, efficient distribution of tasks, meeting deadlines, coordination of multiple activities in parallel.

Computer skills and competences Microsoft Office user as well as Internet Explorer and Mozilla Firefox browsers

Driving licence B

ADDITIONAL INFORMATION

Other skills and competences CONTRIBUTIONS TO THE DEVELOPMENT AND PROPAGATION OF SCIENTIFIC KNOWLEDGE

• Teaching activity

Within the disciplines of Radiology General and Dento-Maxillary Medical Imaging, an intense and diversified teaching activity is carried out addressed to students of the Romanian and English sections of the Faculty of Dental Medicine, as well as to students of the College of Dental Prophylaxis Assistance of the same university, for which the following are supported:

- courses and practical works in Radiology and Dento-Maxillary Imaging with 4th year students of the

Faculty of Dental Medicine, Romanian section;

- courses and practical works in Radiology and Dento-Maxillary Imaging with 4th year students of the Faculty of Dental Medicine, English section;

- courses and practical works in Radiology and General Medical Imaging with 3rd year students of the Faculty of Dental Medicine, Romanian section;

- courses and practical work in Radiology and General medical imaging with 3rd-year students of the Faculty of Dental Medicine, English section;

- courses in Radio Anatomy - imaging of the head with first-year students of the Faculty of Dental Medicine, Romanian section;

- courses in Radio Anatomy - imaging of the head with first-year students of the Faculty of Dental Medicine, English section;

- courses and practical work in Dento-maxillary Radiology with 3rd-year students of the College of Dental Prophylaxis Assistance;

- courses in Radio Anatomy - imaging of the head with first-year students of the College of Dental Prophylaxis Assistance.

List of books by Prof. Univ. Dr. Silviu BRAD – 25

SINGLE AUTHOR:

1. **S. Brad** - *Methods, techniques and principles of differential diagnosis in dento - maxillary radiology and imaging*. Editura EUROBIT, Timișoara, 2016, ISBN 978-973-132-314-5, 616.314-073.7
2. **S. Brad** - *Dento-maxillary radiology and imaging*, Editura EUROBIT, Timișoara, 2016, ISBN 978-973-132-313-8, 616.314-073.7
3. **S. Brad** - *Radiologie și imagistică medicală generală. Curs pentru studenții la medicină dentară*. Editura EUROBIT, Timișoara, 2007, ISBN 978 973 620 343 5.
4. **S. Brad** - *Radiologie și imagistică dento-maxilară. Curs pentru studenții la colegiu de asistență dentară*. Editura EUROBIT, Timișoara, 2007, ISBN 978 973 620 346 6
5. **S. Brad** - *Radiologie și imagistică medicală generală. Lucrări practice pentru studenții la medicină dentară*. Editura EUROBIT, Timișoara, 2007, ISBN 978 973 620 344 2.
6. **S. Brad** - *Radiologie și imagistică dento-maxilară. Lucrări practice pentru studenții la colegiu de asistență dentară*. Editura EUROBIT, Timișoara, 2007, ISBN 978 973 620 347 3.
7. **S. Brad** - *Metode, tehnici și principii de diagnostic diferențial în radiologia și imagistica dento-maxilară*.. Editura EUROBIT, Timișoara, 2007, ISBN 978 973 620 345 9
8. **S. Brad** - *Diagnosticul radioimagic dento-maxilar*, Editura Mirton, Timișoara, 2003, ISBN 973 661 213 9.

CO-AUTHOR:

1. **S. BRAD**, R. BIȚĂ, M. RIVIȘ, A-B. BRAD - *Radiologie și imagistică medicală* - Editura EUROBIT, Timișoara, 2026, ISBN 978 630 326 247 5
2. **S. BRAD**, R. BIȚĂ, M. RIVIȘ, A-B. BRAD - *Metode, tehnici și principii de diagnostic diferențial în radiologia și imagistica medicală* - Editura EUROBIT, Timișoara, 2026, ISBN 978 630 326 248 2
3. **S. BRAD**, R. BIȚĂ, M. RIVIȘ, A-B. BRAD - *Radiologie și imagistică medicală în stomatologie* - Editura EUROBIT, Timișoara, 2026, ISBN 978 630 326 249 9
4. **S. BRAD**, R. BIȚĂ, M. RIVIȘ, A-B. BRAD - *Metode, tehnici și principii de diagnostic diferențial radiologic și imagistic în stomatologie* - Editura EUROBIT, Timișoara, 2026, ISBN 978 630 326 250 5
5. **S. BRAD**, R. BIȚĂ, M. RIVIȘ, A-B. BRAD - *Anatomia imagistică a extremității cefalice* - Editura EUROBIT, Timișoara, 2021, ISBN 978 973 132 739 6
6. **S. BRAD**, R. BIȚĂ, M. RIVIȘ, A-B. BRAD - *Repere și particularități de explorare în anatomia imagistică a extremității cefalice* - Editura EUROBIT, Timișoara, 2026, ISBN 978 630 326 251 2
7. **Silviu Brad**, Romina Biță, Mircea Riviș, Alexandru-Bogdan Brad - *Anatomia imagistică a*

- extremității cefalice*, Editura Eurobit, Timișoara 2021, ISBN 978-973-132-740-6.
8. **Silviu Brad**, Romina Biță, Mircea Riviș, Alexandru-Bogdan Brad - *Imaging anatomy of cephalic extremity*, Editura Eurobit, Timișoara 2021, ISBN 978-973-132-740-2.
 9. **S. Brad** – *Anatomia radioimagică a aparatului urogenital*, capitol în *Aparatul Urogenital* de H. Prundeanu, **Silviu Brad**, Marius Pentea, Andrei Motoc, Liliana Vasile, Octavia Dressler, Izabella Șargan, Elena Pop, Vlad Epure, Aurel Băcean, Editura Artpres, Timișoara, 2012, pg.341 - 383, ISBN 978 973 108 494 7.
 10. **S. Brad** - *Explorarea radioimagică a structurilor cranio-cerebrale*, capitol în *Compendiu de Neuroanatomie-Noțiuni morfoclinice* de H. Prundeanu, **Silviu Brad**, Izabella Șargan, Anca Mureșan, Liliana Vasile, Octavia Dressler, Olga Rada, Mihaela Bădiliță, Aurel Băcean, Vlad Epure, Alexandru Prundeanu, Editura Artpres, Timișoara, 2009, pg.385-423, ISBN 978 973 108 188 5.
 11. **S. Brad** - *Explorarea radioimagică a structurilor vertebro-medulare*, capitol în *Compendiu de Neuroanatomie-Noțiuni morfoclinice* de H. Prundeanu, **Silviu Brad**, Izabella Șargan, Anca Mureșan, Liliana Vasile, Octavia Dressler, Olga Rada, Mihaela Bădiliță, Aurel Băcean, Vlad Epure, Alexandru Prundeanu, Editura Artpres, Timișoara, 2009, pg. 363-385, ISBN 978 973 108 188 5.
 12. **S. Brad** - *Explorarea radioimagică a organelor de simț*, capitol în *Analizatori-Noțiuni morfoclinice* de H. Prundeanu, **Silviu Brad**, Liliana Vasile, Izabella Șargan, Cristiana Lehaci, Vlad Epure, Aurel Băcean Editura Artpres, Timișoara, 2009, pg.265-363, ISBN 978 973 108 182 3.
 13. **S. Brad** - *Explorarea radioimagică a articulațiilor*, capitol în *Compendiu de biomecanică* de H. Prundeanu, **Silviu Brad**, Izabella Șargan, Octavia Dressler, Aurel Băcean, Vlad Epure, Alexandru Prundeanu, Editura Artpres, Timișoara, 2009, pg. 237-321, ISBN 978 973 108 198 4.
 14. **S. Brad** - *Explorarea radioimagică a structurilor cranio-cerebrale*, capitol în *Neuroanatomie* de H. Prundeanu, **Silviu Brad**, Anca Roșian, Liliana Vasile, Octavia Dressler, Vlad Epure, Aurel Băcean Editura Augusta/Artpres, Timișoara, 2006, pg.271- 311, ISBN (10) 973 695 222 3, ISBN (13) 978 973 695 222 7.
 15. **S. Brad** - *Explorarea radioimagică a organelor de simț*, capitol în *Analizatori* de H. Prundeanu, **Silviu Brad**, Liliana Vasile, Vlad Epure, Editura Augusta/Artpres, Timișoara, 2005, pg.107-199, ISBN 973 695 181 2, ISBN 973 7836 19 7.
 16. **S. Brad** - *Explorarea radioimagică a articulațiilor*, capitol în *Noțiuni de biomecanică* sub redacția H. Prundeanu, Editura Augusta/Artpres, Timișoara, 2004, pg.154-175, ISBN 973 695 136 7, ISBN 973 7911 85 7.
 17. **S. Brad** - *Explorarea imagică a politraumatizatăului*, capitol în *Politraumatisme* sub redacția A. Prundeanu, H. Vermeșan, H. Prundeanu, Editura Mirton, Timișoara, 2001, vol. 1, pg. 147-191, ISBN 973 585 440 6.

ISI Articles – Main Author

1. Iancu A, Tudor R, Chita DS, Juratu C, Tudor A, Buleu F, Popa D, **Brad S.**, Mechanical Thrombectomy via Transbrachial Approach in the Emergency Management of Acute Ischemic Stroke Patients with Aortic Pathologies: Our Experience and Literature Review. J Pers Med. 2024 Feb 18;14(2):216. doi: 10.3390/jpm14020216. 3
2. Iancu A, Buleu F, Chita DS, Tutelca A, Tudor R, **Brad S.**, Early Hemorrhagic Transformation after Reperfusion Therapy in Patients with Acute Ischemic Stroke: Analysis of Risk Factors and Predictors. Brain Sci. 2023 May 22 2.8
3. Schiller LA, Barbu HM, Iancu SA, **Brad S.**, Incidence, Size and Orientation of Maxillary Sinus Septa-A Retrospective Clinical Study. J Clin Med. 2022 Apr 24;11 2.9
4. Laura Andreea Schiller ,Albert Cristian Schiller, Adalbert Schiller ,Aida Gabriela Dascalu and **Silviu Brad** Bone Augmentation Procedures in a Patient with Acromegaly Case Reports in Dentistry, vol. 2020, Article ID 8479502, 6 pages, 2020. 0.55
5. Nagib, Riham ,Szuhanek, Camelia; Moldoveanu, Bogdan; Negrutiu, Meda Lavinia; Duma, Virgil Florin; Sinescu, Cosmin; **Brad Silviu**, Dimensional Study of Impacted Maxillary Canine Replicas 3D Printed Using Two Types of Resin Materials MATERIALE PLASTICE Volume: 55 Issue: 2 Pages: 190-191 Published: JUN 2018 0,778
6. Nagib Riham ,Zogorean Roxana ,Gavriliuc Oana Isabella ,Szuhanek Camelia, Moldoveanu, Bogdan ,Negrutiu, Meda Lavinia ,Sinescu, Cosmin ,Paunescu, Virgil,**Brad Silviu**, Cytotoxicity

- Assessment of Metal and 3D Printed Resin Orthodontic Attachments An in vitro cell culture behavior study REVISTA DE CHIMIE Volume: 69 Issue: 6 Pages: 1515-1518 Published: JUN 2018 1,755
7. Nagib Riham ,Szuhaneck Camelia ,Moldoveanu Bogdan ,Negrutiu Meda Lavinia, Sinescu Cosmin , **Silviu Brad**, Custom Designed Orthodontic Attachment Manufactured Using a Biocompatible 3D Printing Material MATERIALE PLASTICE Volume: 54 Issue: 4 Pages: 757-758 Published: DEC 2017 0,778
 8. Popa Adelina ,Szuhaneck Camelia; **Brad Silviu**, Accurate Determination for Orthodontic Mini-implant Placement Using Acrylic Resin Surgical Guide and CBCT MATERIALE PLASTICE Volume: 53 Issue: 2 Pages: 287-288 Published: JUN 2016 0.778
 9. Nica D., Ianes E., **Brad S.**, CBCT fine preoperative evaluation of inflammatory radicular cysts an postoperative local integration appreciation of alloplastic grafts materials Medical-Surgical Journal 2014, Vol. 118, nr. 3, pag. 828-832 0.2
 10. Ravis M, Poenaru M, Ionita H, Lazar E, Haba D, **Brad S.**, The MRI fine evaluation of cervical lymphadenopathies and associated oral cavity pathological conditions. Rev Med Chir Soc Med Nat Iasi. 2013 Jan-Mar;117(1):217-21. 0.2
 11. Gurila R; Popovici RA; Antal D, Bob F, Pacurar AT, Predescu, IA, Liga S, Susan MM, Anton A, Brad S Ultimul autor Q4 Community pharmacy users' perceptions of accessibility, pharmacist communication and self-medication: a questionnaire-based study DOI 10.31925/farmacia.2026.4.24 Farmacia Volume 74 Issue 4 Page 1158-1172
 12. Lungu II, Huzum B, Dumitrel SI; Brad S Cioanca O, Mircea C, Dehelean CA, Hancianu, M, Autor corespondent Q4 Gallic acid-zinc(ii) metallocomplex exerts a stronger cytotoxicity than gallic acid in u2os cells DOI 10.31925/farmacia.2026.4.12 Farmacia Volume 74 Issue 4 Page 1011-1020 1.6
 13. Grigore R, Fericean RM, Badea MA, **Brad S**, Ilie AC, Sirbu MIC, Tanase AD, Bratiloveanu CT Al doilea autor corespondent JCR 2025: Q2 Pre-Treatment Neutrophil-to-Lymphocyte Ratio and Platelet-to-Lymphocyte Ratio as Prognostic Biomarkers for Sentinel Lymph Node Positivity and Recurrence-Free Survival in Primary Cutaneous Melanoma: An Exploratory Single-Centre Retrospective Cohort Study DOI 10.3390/biomedicines14071592 Biomedicines 2026; 14(7): 1592 ISSN 2227-9059 4.5
 14. Stoiacovici CA, Ilie AC, Marc F, **Brad S**, Tanase AD, Branea HS Al doilea autor corespondent JCR 2025: Q1 Artificial Intelligence Adoption in Public Health Practice: A Cross-Sectional Study of Practical Determinants Among Healthcare Professionals DOI 10.3390/healthcare14162465 Healthcare (Basel) 2026; 14(16): 2465 ISSN 2227-9032 3.4
 15. Bită RG, Boloș A, Boloș OC, Maghet E, Briceag R, Bumbu BA, **Brad S**, Hogeia E Al doilea autor corespondent Salivary Inflammatory Mediators and a Tongue-Coating Dysbiosis Index as Mechanistic Correlates of Adjunctive Halitosis Therapy: A Randomized Pragmatic Trial DOI 10.3390/microbiolres17090181 Microbiology Research 2026; 17(9): 181 ISSN 2036-7481 2.5
 16. Boloș A, Boloș OC, Maghet E, Bită RG, Briceag R, Bumbu BA, **Brad S** Ultimul autor Halitosis: A Prospective Cohort Study Comparing Periodontal Debridement with Tongue Cleaning, Denture Biofilm Management, and Restorative Maintenance DOI 10.3390/dj14090595 Dentistry Journal 2026; 14(9): 595 ISSN 2304-6767 3.4

ISI Articles – Co-Author

1. David AP, **Brad S**, Rusu LC, David OT, Samoila C, Leretter MT. Automatic Segmentation of the Jaws Used in Guided Insertion of Orthodontic Mini Implants to Improve Their Stability and Precision. Medicina (Kaunas). 2024 Oct 10 2.4
2. Pătrașcu JM Jr, Florescu S, **Brad S**, Andor BC, Ilia I, Stănciugelu ȘI, Cristina RT. Magnetic resonance imaging combined with histological evaluation of repair process using the microfracture technique in an association of osteocartilaginous and meniscal surgically induced lesions of the knee. In vivo experiment on a rabbit model. Rom J Morphol Embryol. 2024 Jan-Mar; 1.5
3. Dinu Ș, Todor L, Zetu IN, Păcurar M, Porumb A, Milutinovici RA, Popovici RA, **Brad S**, Sink BA, Popa M. Radiographic methods for locating impacted maxillary canines.

Rom J Morphol Embryol. 2022 Oct-Dec;5

4. Popa A, Dehelean C, Calniceanu H, Watz C, **Brad S**, Sinescu C, Marcu OA, Popa CS, Avram S, Nicolov M, Szuhaneck CA. A Custom-Made Orthodontic Mini-Implant-Effect of Insertion Angle and Cortical Bone Thickness on Stress Distribution with a Complex In Vitro and In Vivo Biosafety Profile. Materials (Basel). 2020 Oct 27;13(21):4789. doi: 10.3390/ma13214789. 3.2
5. Andrei D, Popa I, Brad S, Iancu A, Oprea M, Vasilian C, Poenaru DV. The variability of vertebral body volume and pain associated with osteoporotic vertebral fractures: conservative treatment versus percutaneous transpedicular vertebroplasty. Int Orthop. 2017 May; -3409-2. Epub 2017 Feb 4. PMID: 28161853. 2.6
6. DELIA MARIA MINCA, DANIELA ANCA PUSCASIU, **SILVIU BRAD**, CARMEN SOFICA TATU2 Effect of Magnegita® on Routine Laboratory Parameters in Patients with Impaired Kidney or Liver Function Revista de Chimie, Vol. 67, nr. 4, pag. 808-812 1.755

PhD thesis coordinated and supported - 8 -

1. Risk factors and predictors of hemorrhagic transformation and Mortality in Acute ischemic stroke after Thrombolysis and Mechanical Thrombectomy - Dr. Med. Aida Lorența PÂRVU - 2024
2. An Imaging, Histological and Functional study of cartilaginous lesions of The knee, treated by different surgical methods, with emphasis on the role of MRI in the detection and topographical localization of lesions - Dr. Med. Jenel - Marian PĂTRAȘCU – 2024
3. Radio-imaging diagnostic role in pre- and posttherapeutic orthodontic anomalies evaluation with emphasis on the role of CBCT multiplanar and 3D quantification of dental and skeletal elements Dr. Med. Adelina POPA – 2021
4. Digital approach of Dento-Maxillary Imaging diagnostic and current concepts in applied medical imaging - Dr. Med. Riham NAGHIB - 2019
5. Biological algorithms evaluation of contrast substances used in MRI explorations - Dr. Med. Delia Maria TODEA (MINCĂ) – 2017
6. CT-scan value in mediastinal lymphatic nodes extension evaluation of lung cancer with emphasis on the role of Multislice CT contribution - Dr. Med. Daniela POPESCU (CIPU) – 2014
7. Clinico-morphological and anatomical correlations in latero-cervical lymphatic nodes imaging evaluation with integration of the Doppler color ultrasounds exam in malign versus benign differentiation - Dr. Med. Mircea RIVIȘ – 2013
8. Complex radiological investigations and facial analysis in multimodal treatment of dento-maxillary anomalies - Dr. Med. Romina BITĂ - 2011

Organization of scientific events and training courses

- 1) Secretary at the National Congress of Radiology and Medical Imaging, Timișoara 2001
- 2) Member of the scientific committee at the National Conference of Radiology and Dental-Maxillary Imaging, Iași, June 21-22, 2007
- 3) Lecturer at the International Congress of Dentistry NAPOCA BIODENT 2009, 3rd edition, Cluj-Napoca, November 5-7, 2009
- 4) Postgraduate course "Imaging Evaluation in Polytrauma", organized by the University of Medicine and Pharmacy "Victor Babeș" Timișoara, Faculty of General Medicine, Discipline of Surgical Semiology I, during 03-05.10.2001.
- 5) Postgraduate course Dento-maxillary radiodiagnostics, organized by the University of Medicine and Pharmacy "Victor Babeș" Timișoara, Faculty of Dental Medicine, Dental Radiology Discipline during the period October 16, 2006 - January 20, 2007
- 6) Postgraduate course Examination techniques in dento-maxillary radiology. Radiation protection in the dental office organized by the University of Medicine and Pharmacy "Victor Babeș" Timișoara, Faculty of Dental Medicine, Dental Radiology Discipline during the period: October 16, 2006 - January 20, 2007
- 7) Postgraduate course Radiological and Imaging Diagnosis in dento-maxillary diseases organized by the University of Medicine and Pharmacy "Victor Babeș" Timișoara, Faculty of Dental Medicine, Dental Radiology Discipline March 12, 2007 - April 16, 2007; 16.10.2008 - 20.01. 2009
- 8) Member of the organizing committee – XXth National Congress of Radiology and Medical Imaging

with international participation Timișoara 25 – 26 September 2015

9) Guest lecturer in the Neuroradiology session at the XXth National Congress of Radiology and Medical Imaging with international participation Timișoara 25 – 26 September 2015

Development of specialized books on radiology and dento-maxillary imaging, a national premiere for dental students and doctors (single author):

- **S. Brad** - *Metode, tehnici și principii de diagnostic diferențial în radiologia și imagistica dento-maxilară*, Editura EUROBIT, Timișoara, 2007, ISBN 978 973 620 345 9

- **S. Brad** - *Diagnosticul radioimagic dento-maxilar*, Editura Mirton, Timișoara, 2003, ISBN 973 661 213 9.

Distinct approach and implementation of diagnostic radioimaging methods and techniques both in textbooks and within practical work volumes;

- Studies on the diagnosis and assessment of radio-imaging extension in oncology published in scientific papers and communications written in recognized national and international journals (S. Bolintineanu, S. Brad, Viorica Brad, A. Motoc - Diagnosis of chest wall metastases by radio-imaging methods in ARCHIVES of the Balkan Medical Union, Vol. 39, No. 3, September 2004) as well as in the volumes of recognized national and international events ((S. Brad - Evaluation by MRI of hypothalamic tumor pathology at the First National Congress of Magnetic Resonance with International Participation, Brașov, Palatul Cercului Militar, September 12-14, 2007, Abstract Book, pg.130; S. Brad - The role of MRI in the evaluation and staging of oro-maxillo-facial tumor pathology at the First National Congress of Magnetic Resonance with International Participation, Brașov, Palatul Cercului Militar, September 12-14, 2007, Abstract Book, pg 131; Computer tomography investigation in the primary tumoral pathology of the orbits – S. Bolintineanu, S. Brad, M. Vaida, L. Grigoriță, A. Boscu, A. Motoc in Arbeitstagung der Anatomischen Gesellschaft in Würzburg, 29.09-01.10.2004)
- Studies on radio-imaging investigation in neuroradiology published in recognized national and international scientific papers and communications (S. Brad, Florin Bârsășteanu, Tudor Pușcașiu, Horia Pleș, Stanca Pleș - Le rôle de l'IRM dans le diagnostic de la pathologie de l'hypothalamus la 6-ème Congrès Francophone d'Imagerie Médicale des Pays de l'Europe Centrale et Orientale, Iași, 2006, Livre de Resumes, pg.119-120; S. Brad, Florin Bârsășteanu, Tudor Pușcașiu, Horia Pleș, Stanca Pleș - Rolul IRM în diagnostic explorare a la trunchi de cerebrum at the National Annual Conference of Computer Tomography and Magnetic Resonance Imaging, Turmu Severin 2002, paper awarded with 1st place;)
- Studies and research on radio-imaging investigation in hematology published in recognized national and international scientific papers and communications recognized national and international circulation; (S. Brad - The role of CT scan in the investigation algorithm of malignant lymphomas in Medical Imaging, Journal of the Romanian Society of Radiology and Medical Imaging, Vol. 4, no. 1/2001; S. Brad, H. Ioniță, E. Lazar - The value of color Doppler ultrasound in the diagnosis of malignancy of peripheral lymphadenopathy at the 2nd National Conference on Ultrasonography with International Participation, Craiova 1999)
- Radio-imaging studies and research on the mediastinal lymphatic system published in recognized national and international scientific papers and communications (; A. Motoc, S. Brad, Viorica Brad, S. Bolintineanu - The importance of CT-scan in the clinico-morphological and anatomical assessment of mediastinal lymphomas in Romanian Journal of Morphology and Embryology, Vol. 46, No. 4, 2005; S. Brad, S. Bolintineanu, A. Motoc, C. Matu, M. Vaida, M. Niculescu - The value of computer-tomographic examination in the evaluation of mediastinal lymph node extension of broncho-pulmonary cancer in the Romanian Journal of Functional and Clinical, Macro- and Microscopic Anatomy and Anthropology, Vol. IV, No. 2, 2005)
- Clinical studies on the imaging exploration of polytraumatized patients, chapter in Polytraumatism edited by A. Prundeanu, H. Vermeșan, H. Prundeanu, Timișoara: Mirton, 2001, vol. 1, pp. 147-191;
- Studies and research on the radio-imaging investigation of metallic implants, a field in which I participated with papers at the prestigious TERMIS Congresses in Porto in 2008 and in Seoul in 2009, published in the journal Tissue Engineering (S. Brad, H. Ples, G. Miclaus, Daniela Clipicioiu – The 3D Multislice CT Evaluation of Dental Metallic Implants in Tissue Engineering Vol. 6, no. 12, September 2009, pg. S108-109, ISSN 1738-2696; S. Brad, G. Miclaus, H. Ples – The importance of CT-Exam in the 3D Evaluation of Human In Vivo Metallic Implants in Tissue Engineering Vol. 14, no. 5, May 2008, pg. 916-917, ISSN 1937-3341)
- Studies and research on the radio-imaging investigation of dento-maxillary teeth published in recognized national and international scientific papers and communications (S. Brad - The Value of MRI in the Diagnosis of Oral Cavity Pathology at the II National Congress of Magnetic Resonance with International Participation, Sibiu, September 23-25, 2009, S. Brad, Hortensia Ioniță, Elena Lazar -

The value of color Doppler ultrasonographic cervical lymphadenopathy examination in the assessment of oral cavity health and pathology in Oral Health and Dental Management in the Black Sea Countries No. 2(5) September, 2003; S. Brad - The role of MRI in the evaluation and staging of oro-maxillofacial tumor pathology at the First National Congress of Magnetic Resonance with International Participation, Braşov, Military Circle Palace, September 12-14, 2007; S. Brad - The value of CT examination in the diagnostic evaluation of dento-maxillary pathology at the National Congress of Radiology and Medical Imaging, Tîrgu-Mureş 2004;)

- Creation of a modern dental-maxillary radioimaging diagnostic center within the Dento-Maxillary Radiology and Imaging Discipline of the "Victor Babeş" University of Medicine and Pharmacy, Timișoara, Faculty of Dental Medicine, which will be appropriately equipped within the Impact (ANCS) grant won.

Grants:

1. S. Brad - Center of Excellence for the Study of Dento-Maxillary Skeletal Entities (CESESDM), Grant Director, Impact project (ANCS) registered on line at no. 723 / 07.06. 2007 and judged winner
2. S. Brad - Objective handicap analysis system - member of CNCSIS project No. 656/19.07.2005
3. S. Brad - Interdisciplinary investigation, analysis and prognosis of interfaces made by dental biomaterials (the contribution of radioimaging), member of the Program – Partnerships in priority areas "BIOINTERMAT" registered online at no. 3571/2007.

Studies:

Pierre I- Research Romania - CLN0002 - Sponsor: CartiHeal(2009) Ltd., Evaluation of the performance of the Agili-C biphasic implant in the repair of cartilage and osteochondral defects.

Clinical study with a class III medical device with the CE mark, international, multicenter, prospective, interventional, non-randomized

Indication: single, isolated and focal chondral defect or osteochondral defect in the knee joint

Study duration: January 2013 – December 2016

Role in the study: Prof. dr. Silviu Brad – MRI imaging

Pierrel-Research Romania - CLN0019 - Sponsor: CartiHeal(2009) Ltd., Evaluation of the performance of the Agili-CTM implant in the repair of chondral and osteochondral defects.

Clinical study with a class III medical device with the CE mark, international, multicenter, prospective, interventional, non-randomized

Indication: chondral or osteochondral defects of the knee joint, symptomatic, painful, isolated, simple and focal

Study duration: May 2014 - December 2017

Role in the study: Prof. dr. Silviu Brad - MRI imaging

Integrated radioimaging and anatomy studies, with clinical relevance:

- studies on the anatomical-functional changes of the optic nerve and correlations with changes in its vascularization in tumoral or metabolic pathology;
- studies on the dimensional variations of the neuraxis cavities and clinical-imaging correlations revealed by morphometry;
- studies of angiographic and anatomical comparisons of cerebral and abdominal vascularization with clinical-pathological and malformative correlations;
- anatomic-clinical studies and considerations regarding the vascularization of the larynx;
- anatomic-clinical and imaging studies and correlations regarding malformative renal pathology.

MEMBER OF SCIENTIFIC ORGANIZATIONS

- International

- 1) Member of the International Society of Magnetic Resonance Imaging since June 2002
- 2) Member of the European Radiology Society

3) Member of the Société Française de Radiologie

- National

- 1) Member of the Romanian Society of Radiology and Medical Imaging since 1992;
- 2) Member of the Sectional Imaging Group of S.R.I.M. since its establishment: May 31, 2003;
- 3) Founding member of the Musculoskeletal Imaging Society 2007;
- 4) Founding member and vice-president of the Dento-Maxillary Imaging Society 2013.

SCIENTIFIC AWARDS

The role of MRI in the diagnostic exploration of the brainstem – S. Brad, Florin Bârsășteanu, Tudor Pușcașiu, Horia Pleș, Stanca Pleș at the Annual National Conference on Computer Tomography and Magnetic Resonance Imaging, Turnu Severin 2002, paper awarded with 1st place

Quoted in Who's who Medical in Romania, Pegasus Press, Bucharest - 2006, page 51

- KNOWN FOREIGN LANGUAGES - English and French

- CEF/OTHER Level: B2/3 - 2011

The scientific activity is materialized by:

1. Elaboration of the doctoral thesis with the theme: "Contributions to the radioimaging diagnosis of mediastinal lymphadenopathy: clinical-morphological and anatomical correlations with the integration of "REVERSE" and "DUAL WINDOW" processing techniques in the analysis and interpretation of computer tomographic images" under the supervision of Prof. Dr. Maria Mogoșeanu, defended on November 14, 2002 and obtaining the title of DOCTOR in MEDICINE confirmed by the Order of the Minister of Education and Research no. 3896 of 24.04.2003, with the diploma series C no. 0004288 issued by the "Victor Babeș" University of Medicine and Pharmacy in Timișoara;

2. Elaboration of 136 scientific papers, of which:

- Main author – 12 ISI articles
- Co-author – 8– ISI articles
- HIRSCH Index – 6
- FCIAP – 28,624
- 21 treatises and monographs (4 single author, 17 co-author);
- 2 courses and 2 practical papers (single author);
- 11 papers published in internationally recognized journals (2 first author, 9 co-author); ISI/BDI indexed papers;
- 17 papers published in volumes of international events (4 sole author 3 first author and 10 co-author);
- 44 papers published in nationally recognized journals (5 sole author, 4 first author and 33 co-author);
- 23 papers published in volumes of national events (11 sole author, 7 first author and 5 co-author);

3. Grants = 3

4. Clinical trials = 2

Timișoara 01.09.2026

Prof. Univ. Dr. Brad Silviu

