

**Curriculum vitae**  
**Europass**

**Personal information**

**First name/name** Barbu Horia

**Telephone(s)**

**E-mail(s)** horia.barbu@gmail.com

**Nationality** Romanian

**Date of birth** 22.04.1974

**Sex** M

**Professional experience**

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| <b>Period</b>                                 | October 2017-present   |
| <b>Function or position occupied</b>          | Full Professor, PhD, Dento-Alveolar Surgery Senior Specialist  |
| <b>Main activities and responsibilities</b>   | Provided in the job description<br>Classes of teaching, seminar and practical works in the disciplines: Implantology, Oral Implant Rehabilitation  |
| <b>Name and address of employer</b>           | Titu Maiorescu University Bucharest, Faculty of Dental Medicine, Str. Gheorghe Petrascu, no. 67A, sector 3, Bucharest, code 031593   |
| <b>Type of activity or sector of activity</b> | Educational  |
| <b>Period</b>                                 | October 2014 - September 2017  |
| <b>Function or position occupied</b>          | Adjunct Professor, PhD. Dento-Alveolar Surgery Senior Specialist   |
| <b>Main activities and responsibilities</b>   | Provided in the job description<br>Classes of teaching, seminar and practical works in the disciplines: Implantology, Oral Implant Rehabilitation, Anesthesia in dental medicine. Dento-alveolar surgery; Dental instrumentation |
| <b>Name and address of employer</b>           | Titu Maiorescu University Bucharest, Faculty of Dental Medicine, Str. Gheorghe Petrascu, no. 67A, sector 3, Bucharest, code 031593   |
| <b>Type of activity or sector of activity</b> | Educational  |



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| Period                                 | 03.2010-September 2014   |
| Function or position occupied          | Lecturer, Dento-Alveolar Surgery Senior Specialist   |
| Main activities and responsibilities   | Provided in the job description<br>Hours of teaching, seminars at the Implantology discipline                                      |
| Name and address of employer           | Titu Maiorescu University Bucharest, Faculty of Dental Medicine, Str. Gheorghe Petrascu, no. 67A, sector 3, Bucharest, code 031593 |
| Type of activity or sector of activity | Educational  |

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| Period                                 | 10.2008-02.2010  |
| Function or position occupied          | Assistant Professor, Dento-Alveolar Surgery Specialist   |
| Main activities and responsibilities   | Provided in the job description<br>Hours of teaching, seminar and practical works on discipline: OMF surgery. Anesthesia and sedation in dental medicine |
| Name and address of employer           | Titu Maiorescu University Bucharest, Faculty of Dental Medicine, Str. Gheorghe Petrascu, no. 67A, sector 3, Bucharest, code 031593                       |
| Type of activity or sector of activity | Educational  |

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| Period                                 | 01.2006 — 02.2010  |
| Function or position occupied          | Specialist dento-alveolar surgery  |
| Main activities and responsibilities   | Provided in the job description<br>Dento-alveolar and implant surgery treatments |
| Name and address of employer           | Ortodent Nova  |
| Type of activity or sector of activity | Health   |

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| Period                                 | 01.2004-12.2005   |
| Function or position occupied          | Residency in dento-alveolar surgery                                   |
| Main activities and responsibilities   | Provided in the job description<br>Dento-alveolar surgical treatments |
| Name and address of employer           | UMF Carol Davila, Route 19 Plevnei,                                   |
| Type of activity or sector of activity | Health  |

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| Period                                 | 10.1999-12.2003                                      |
| Function or position occupied          | Dentist  |
| Main activities and responsibilities   | Provided in the job description<br>Dental treatments |
| Name and address of employer           | Dentexcela International                             |
| Type of activity or sector of activity | Health   |

**Education and training**

|               |   |
|---------------|---|
| Period        | 2011-2013                                 |
| Qualification | Master in Metallic Materials for Medicine |

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| Main areas studied/competent acquired                    | Applied engineering sciences   |
| Name and type of education institution/training provider | Polytechnic University of Bucharest, Faculty of Materials Science and Engineering  |
| Level of classification of educational/training form     | Postgraduate   |
| Period   | September 2012   |
| Qualification  | PhD, Doctor of Medical Sciences according to OMECTS 5743/12.09.2012  |
| Main areas studied/competent acquired                    | Endocrinology/Implantology   |
| Name and type of education institution/training provider | UMF Carol Davila, Faculty of General Medicine  |
| Level of classification of educational/training form     | Postgraduate   |
| Period   | 2012   |
| Qualification  | Dento-Alveolar Surgery Senior Specialist   |
| Main areas studied/competent acquired                    | Dento-alveolar surgery   |
| Name and type of education institution/training provider | Ministry of Health   |
| Level of classification of educational/training form     | Postgraduate   |
| Period   | 2010-2011  |
| Qualification  | Compact program of psycho-pedagogical studies  |
| Main areas studied/competent acquired                    | Pedagogical, psychological and methodical training of graduates in higher education, who opt for the teaching profession |
| Name and type of education institution/training provider | Titu Maiorescu University, Department for the Training of Didactic Personnel   |
| Level of classification of educational/training form     | Postgraduate   |
| Period   | 2010-2012  |
| Qualification  | Master in Implantology with the title: Implant-Protetic Oral Rehabilitation  |
| Main areas studied/competent acquired                    | Implantology   |

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| Name and type of education institution/training provider | UMF Carol Davila, Calea Plevnei nr.19  |
| Level of classification of educational/training form     | Postgraduate   |
| Period   | 2004-2007  |
| Qualification  | Specialist dento-alveolar surgery  |
| Main areas studied/competent acquired                    | Dento-alveolar surgery   |
| Name and type of education institution/training provider | Ministry of Health   |
| Level of classification of educational/training form     | Postgraduate   |
| Period   | 2004   |
| Qualification  | Competence in maxillo-facial radiodiagnostic   |
| Main areas studied/competent acquired                    | Maxillofacial radiodiagnostic  |
| Name and type of education institution/training provider | University of Medicine and Pharmacy Carol Davila Bucharest, Faculty of Dental Medicine       |
| Level of classification of educational/training form     | Postgraduate   |
| Period   | 1993-1999  |
| Qualification  | Dentist  |
| Main areas studied/competent acquired                    | Dentistry  |
| Name and type of education institution/training provider | Titu Maiorescu University, Faculty of Stomatology  |
| Level of classification of educational/training form     | Higher education   |
| Period   | 1980-1992  |
| Qualification  | Bachelor's Degree  |
| Main areas studied/competent acquired                    | Real profile   |
| Name and type of education institution/training provider | Classes I to VIII: general School no. 172, Bucharest<br>High school: C.A. Rosetti, Bucharest |

Level of classification of educational/training form

Primary, secondary and secondary studies

**Personal skills and competencies**

Mother tongue

Romanian

Known foreign languages

English, French, German

| Self-assessment | Comprehension    |                  |                |                  | Spoken      |                  |            |                  | Written |                  |
|-----------------|------------------|------------------|----------------|------------------|-------------|------------------|------------|------------------|---------|------------------|
|                 | Listening skills |                  | Reading skills |                  | Interaction |                  | Expression |                  |         |                  |
| English         | C2               | Experienced user | C2             | Experienced user | C1          | Experienced user | C1         | Experienced user | B2      | Independent user |
| French          | B2               | Independent user | B2             | Independent user | B2          | Independent user | B2         | Independent user | B1      | Independent user |
| German          | B1               | Independent user | B1             | Independent user | B1          | Independent user | B1         | Independent user | B1      | Independent user |

(\*) European Framework of Reference for Languages

**Competencies and social skills** Collaboration in working teams, together with colleagues and/or experts, for the elaboration of research projects  
 — specialised medical assistance in the fields of dental medicine

**Organizational competencies and skills** — communication skills  
 — organizational spirit  
 — synthesis capacity  
 — capacity for objective analysis of situations  
 — Availability for teamwork  
 — self-exigent  
 Empathy

**Computer Competences and Knowledge** Windows, Office (Excel, Word, Powerpoint), Internet

## Additional information

2013 Expert Judicial, Domain of Medicine/Dental Medicine, authorised by the Ministry By Justice, Romania

### Member of professional associations

- College of Dentistry from Bucharest
- Romanian Society of Dentistry
- Balkan Stomatological Society
- General Dental Council, United Kingdom

## Extracurricular activities

### Management activities

- Board member of the Senate of Titu Maiorescu University February 2020- present
- Dean of the Faculty of Dental Medicine, Titu Maiorescu University from February 2014 to present;
- Vice-Dean of the Faculty of Dental Medicine, Titu Maiorescu University from October 2013 to February 2014;
- Member of the Professor's Board of the Faculty of Dentara Medicine, Titu Maiorescu University, in the period 2012-present

### Scientific events organiser International

- Member of the Organising Committee of the Joint Congress of Stomatology SRS-GAO with international participation, edition 2011, Bucharest
- Member of the Organising Committee of the Joint Congress of Stomatology SRS-GAO with international participation, edition 2012, Bucharest
- Vice-President of the Organisation Committee of the International Congress "Up-dates in complex oral aesthetic rehabilitation", period 13-15 November 2012, Bucharest
- Chairman of the Organising Committee and Member of the Scientific Committee of the International Congress "Interdisciplinary Vision in Dental Medicine", May 9-11, 2016
- Chairman of the Organising Committee and Member of the Scientific Committee of the International Congress "Interdisciplinary Vision in Dental Medicine", April 27-29, 2017

## Scientific events organiser National

- Vice-President of the Programme Committee of the National Symposium with International Participation "Interdisciplinary Vision in Dental Medicine", 6-8 June 2011, Bucharest.
- Member of the Organising Committee of the School of Advanced Studies in multidisciplinary management of painful oro-facial symptomatology, 2011, Predeal.
- Vice-President of the Program Committee of the National Symposium with International Participation "Up-dates in complex oral aesthetic rehabilitation", 01-04 November 2011, Bucharest.
- Vice-President of the Programme Committee of the National Symposium with International Participation "Interdisciplinary Vision in Dental Medicine", May 8-10, 2012, Bucharest.
- Member of the Organising Committee of the Congress of the Faculty of Dental Medicine "Interdisciplinary Vision in Dental Medicine", May 21-23, 2013, Bucharest.
- Chairman of the Programme Committee and the Organising Committee of the National Conference with International Participation "Interdisciplinary Vision in Dental Medicine", IV-th edition, project director: Dr. Barbu Horia Mihail, contract financed by ANCS 13-15 May 2014;
- Chairman of the organising committee and co-chair of the Programme Committee of the National Conference with International Participation "Interdisciplinary Vision in Dental Medicine", 24-25 April 2015
- Chairman of the Organising Committee of the National Conference "Up-dates in Complex Oral Rehabilitation", IV Edition, November 2015

## ACADEMIC POSITIONS HELD

2017 - present - Full Professor - Oral Implantology Department, Faculty of Dental Medicine, Titu Maiorescu University, Bucharest, Romania;

2019 - present - Visiting Professor - Department of Oral and Implant Surgery, Murcia Catholic University, Murcia, Spain;

2018 - present - Visiting Professor University "Goce Delchev" - Faculty of Medical Sciences & Dental Medicine, Stip, Macedonia.

## LIST OF PUBLICATIONS

### 1. Doctoral thesis/thesis/ PhD:

"Management of osteoporotic patient in implantology", 19.12.2011.

### 2. Patents and other intellectual property titles:

"Modular balance extension", patent no. 126274 granted on 30.04.2014 by Decision no. 4/93, published in BOPI no. 7/2014.

### 3. Books and chapters in books:

1. A Bechir, DL Ghergic, ES Bechir, H Barbu, C Coman, "Specific biomaterials used in the dental engineering laboratory", Bucharest, Ed. Printech, 2013, ISBN 978-606-23-0167-5
2. D.L. Ghergic, R.M. Comăneanu, C.F. Andreescu, A.M. Bănăţeanu, O.A. Roşu, A.G. Filipescu, O. Smătrea, H.M. Barbu, "Restoration of partial edentation through fixed prosthesis", Bucharest, Ed. Printech, 2013,
3. HM Barbu, "Implant-Protetic Management in osteoporosis", Bucharest, Ed.Printech, 2011, ISBN 978-606-521-805-5
4. A. Bechir, R.M. Comăneanu, H.M. Barbu, C.S. Dumitrescu, D.L. Ghergic, R.A. Giurescu, A.I. Popescu, D.E. Rădulescu, O. Smătrea, "Metallo-ceramic Technology", Bucharest, Ed.Printech, 2011, ISBN 978-606-521-660-0.
5. RM Comăneanu, V. Hancu, DL Ghergic, HM Barbu, C Coman, "Morfology of permanent teeth", Bucharest, ed.Printech, 2017, ISBN 978-606-23-0723-3.
6. HM Barbu, RM Comăneanu, AD Referendaru, A Lorean, C Gioga, A Burcea, AE Radu, S Iancu, "Implant Surgery from Simple to Complex", Bucharest, ed.Printech, 2017, ISBN 978-606-23-0737-0.
7. Eyal Rosen, Carlos E. Nemcovsky, Igor Tsesis, "Evidence-Based Decision Making in Dentistry", chapter "Evidence-Based Decision-Making in Restoration of Natural Dentition", Switzerland, publishing house: Springer, ISBN 978-3-319-45731-4

#### 4. Articles/studies in *extenso*, published in journals from the main international scientific stream:

1. A Burcea, H Barbu, AM Stancu, RM Comăneanu, "The vertical and horizontal augmentation of the edentulous ridges using allograft-type addition materials", Romanian Journal of Stomatology – Vol. LVII Nr. 2, pg.87-90, ISSN 1843-0805, Bucharest, Ed. Medical Amaltea, Year 2011, indexed in the International Databases EBSCO, Scirus, GetCITED and WAME, <http://stomatologie.medica.ro/>
2. C Hăineală, DL Ghergic, AM Banăţeanu, RM Comăneanu, O Smătrea, HM Barbu, "Tomographic Computer Study on the Osteointegration of implants with different threads geometry", Romanian Journal of Stomatology Stomatology – Vol. LVII Nr. 2, pg.91-94, ISSN 1843-0805, Bucharest, Ed. Medical Amaltea, Year 2011, indexed in the International Databases EBSCO, Scirus, GetCITED and WAME, <http://stomatologie.medica.ro/>
3. O Smătrea, DL Ghergic, RM Comăneanu, C Andreescu, HM Barbu, C Hăineală, "The clinical case for oral rehabilitation of a terminal edentation in a third-age person", Magazine Medical Connections, vol. 2(22), pg.103-107, ISSN 1843-9306, Cluj-Napoca, Ed. TIPOFFSET, 2011, indexed in the International Journals Database Master List of Index Copernicus @, <http://www.conexiunimedicale.ro/home.php?l=en>
4. A Burcea, H Barbu, RM Comăneanu, "The lateral augmentation of the edentulous crest – case presentation", Romanian Journal of Stomatology- Vol. LVII, nr. 3, pg.151-153, ISSN 1843-0805, Bucharest, Ed. Medical Amaltea, Year 2011, indexed in the International Databases EBSCO, Scirus, GetCITED and WAME, <http://stomatologie.medica.ro/>
5. HM Barbu, RM Comăneanu, DL Ghergic, A Lorean, Z Mazor, R Horowitz, C Dumitrache, "Immediate loading after external sinus lift on an osteoporotic patient – case study", Romanian Journal of Rhinology, vol 1, No.3, ISSN 2069-6523, Bucureşti, Ed.Target Publishing, 2011, indexed in the International Database Index Copernicus, <http://www.rinologie.ro/>
6. HM Barbu, RM Comăneanu, DL Ghergic, A Brehar, MB Bucur, E Mijiritsky, C. Dumitrache, "immediate occlusive loading to an osteoporotic patient using SimPlant software", Craiova Medicală, vol 13, Supplement 1, pg.203-206, ISSN: 1454-6876, Craiova, Ed. University Medical Craiova, 2011, indexed in the International Database Index Copernicus, <http://www.umfcv.ro/craiova-medicala>
7. RM Comăneanu, HM Barbu, F Miculescu, O Smătrea, DL Ghergic, M Târcolea, "Electronic-microscopic studies on the bone-implant interface", Romanian Journal of Stomatology, vol LVII, supplement no. 4, pages 19-21, ISSN 1843-0805, Bucharest, Ed. Medical Amaltea, 2011, indexed in the International Databases EBSCO, Scirus, GetCITED and WAME, <http://stomatologie.medica.ro/>
8. HM Barbu, RM Comăneanu, DL Ghergic, C Dumitrache, "Study on stability of dental iMplants in patients with osteoporosis", magazine Medical Connections, ISSN 1843-9306, vol.3. pg.13-16, Cluj-Napoca, Ed. TIPOFFSET, 2011, indexed in the International Journals Database Master List of Index Copernicus @, <http://www.conexiunimedicale.ro/home.php?l=en>
9. Hm Barbu, RM Comăneanu, MB Bucur, " Improvement of the bone offer in case of marked sub-antral atrophy ", The Journal of Oral-maxilo-facial Surgery and Implantology, ISSN 2069-3850, vol 2, nr. 3/2011, pag. 10-14, ISSN 2069-3850
10. RM Comăneanu, HM Barbu, MB Bucur, F Miculescu, " Examination of a case of prosthetic implant failure through techniques of optical microscopy and scanning electron microscopy ", The Journal of Oral-maxilo-facial Surgery and Implantology, vol 2, nr. 4, pag. 14-19, 2011, ISSN 2069-3850
11. E. Mijiritsky, A. Lorean, H. Barbu, Z. Mazor, "Full-Mouth Implant-Supported Rehabilitation with a Flapless Surgical Technique: A Treatment Approach using Computer Assisted Oral Implant Surgery ", International Journal of Oral Implantology and Clinical Research, September - December 2011; 2 (3), ISSN 0975 6523, India, indexed in ProQuest, EBSCO, Genamics Journalseek and IndexCopernicus (IC @-4.81), [www.ijoir.com](http://www.ijoir.com)
12. HM Barbu, RM Comăneanu, MB Bucur, "Guided Bone Regeneration in the marked atrophy of the jaw", Journal of Oro-Maxilo-facial Surgery and implantology, vol. 3, 1, pages 24-29, ISSN (printed variation) 2069-3850, ISSN (on-line version) 2069-9565, Bucharest, edited by the Romanian Society of Oral Surgery and Maxilo-ID Index, 2012 International Database, <http://www.revistaomf.ro/>
13. HM Barbu, RM Comăneanu, DL Ghergic, MB Bucur, A Brehar, C Dumitrache, "Study on the Necessity of Implant Protetic Treatment in Patients with osteoporosis", Romanian Journal of Stomatology, Volume LVIII, NR. 1, pg.60-62, ISSN 1843-0805, Bucharest, Ed. Medical Amaltea, 2012, indexed in the International Databases EBSCO, Scirus, GetCITED and WAME, <http://stomatologie.medica.ro/>
14. CF Andreescu, DL Ghergic, C Gioga, O Smătrea, HM Barbu, RM Comăneanu, "Study on the position of mentonier foramen and of the vasculo-nervos associated package in relation to oral implantology", Romanian Journal of Stomatology, vol. LVIII, nr. 2, pages 99-101, ISSN 1843-0805, Bucharest, Ed. Medical Amaltea, 2012, indexed in the International Databases EBSCO, Scirus, GetCITED and WAME, <http://stomatologie.medica.ro/>
15. CN Cumpăţă, RM Comăneanu, HM Barbu, C Gioga, TP Ionescu, "Extirpation of multiple maxillary cysts – case description", Romanian Journal of Stomatology, vol. LVIII, nr. 2, pages 120-122, ISSN 1843-0805, Bucharest, Ed. Medical Amaltea, 2012, indexed in the International Databases EBSCO, Scirus, GetCITED and WAME, <http://stomatologie.medica.ro/>
16. V Hancu, RM Comăneanu, HM Barbu, ED Rădulescu, AG Filipescu, DL Ghergic, "Preliminary study about the complications which can appear in restoring an edentulous space with fixed prosthesis", Magazine Connections Medicale – no. 3 (27), (pg.43-47), ISSN 1843-9306, Cluj-Napoca, Ed. TIPOFFSET, 2012, indexed in the International Journals Database Master List of Index Copernicus @, <http://www.conexiunimedicale.ro/home.php?l=en>



17. H Better, D Slavescu, H Barbu, DL Cochran, G Chaushu, "Minimally Invasive Sinus Lift Implant Device:A Multicenter Safety and Efficacy Trial Preliminary Results".Clin Implant Dent related Res. August 2014 16(4): 520-6 URL:Http: // www.ncbi.nlm.nih.gov/pubmed/23190315, Wiley Periodicals, Inc., ISI Impact Factor:4.152
18. A Lorean, F Kablan, Z Mazor, E Mijiritsky, P Russe, H Barbu, L Levin, "Inferior alveolar nerve transposition and reposition for dental implant placement in edentulous or partially edentulous mandibles: A multicenter retrospective study.", Int J Oral Maxillofac Surg.2013 May; 42(5): 656-9, ISSN: 0901-5027; THE URL:Http: //www.ncbi.nlm.nih.gov/pubmed/23481542, ISI Impact Factor 2012:1.521
19. RM Comăneanu, HM Barbu, D Vlăsceanu, M Târcolea, "Numerical analyses of stresses and strains in bone – implant assembly", Key Engineering Materials, vol 583 (2014), pages 169-174, online available since 2013/Sep/10 at www.scientific.net/KEM.583.169, ISSN 1662-9795, Switzerland, Trans Tech Publications, 2014, Indexed in SCOPUS International Databases, Ei Compendex (CPX).Cambridge Scientific Abstracts (CSA), Chemical Abstracts (CA), Google and Google Scholar, ISI (ISTP, CPCI, Web of Science), Institution of Electrical Engineers (IEE), www.scientific.net/ .
20. A Bechir, M Pacurar, ES Bechir, M. Comaneanu, M Chibeleian Cires, M Maris, H Barbu, "Aesthetic importance of resin-based dental materials used for orthodontic appliances", Plastic Materials Magazine, SC Chemical Library SA, Romania, Vol. 51, No. 1, 2014 URL:Http: //www.revmaterialeplastice.ro/article\_eng.asp?ID=4005, ISI Impact Factor 2012:0.379
21. HM Barbu, L Levin, MB Bucur, RM Comaneanu, A Lorean, "A modified surgical technique for inferior alveolar nerve repositioning on severely atrophic mandibles: Case series of 11 consecutive surgical procedures", Chirurgia (Bucharest). 2014 Jan-Feb; 109(1): 111-6, Bucharest, Online ISSN: 1842-368X;ISSN: 1221-9118; THE URL:Http: // www.revistachirurgia.ro, ISI Impact Factor 2012:0.777, number 1/2014.
22. RM Comaneanu, HM Barbu, C Coman, F Miculescu, L Chiutu, "Correlations between cyto-histopathological Tissue Changes at the Dental Implant Interface and the Degree of Surface Processing", Rom J Morphol Embryol, 2014, 55(2): 335-341, Craiova, Ed.Romanian Academy Publishing House, 2014, ISSN (print) 1220-0522, ISSN (on-line) 2066-8279, URL:Http: //www.rjme.ro/RJME/jsp/currenttiss.jsp#a, ISI Impact Factor 2013:0.620.
23. A Lorean, Z Mazor, H Barbu, E Mijiritsky, L Levin, "Nasal floor elevation combined with dental implant placement: A long-term report of up to 86 months follow-up.", The International Journal of Oral & Maxillofacial iMplants, USA, Quintessence Publishing, 2014, May-Jun; 29(3): 705-8. doi: 10.11607/jomi.3565,ISSN: 0882-2786, URL:Http: //www.ncbi.nlm.nih.gov/pubmed/24818211, ISI Impact Factor 2012:1.908.
24. H Better, D Slavescu, H Barbu, DL Cochran, G Chaushu, "Patients' Perceptions of Recovery After maxillary Sinus Augmentation with a Minimally Invasive Implant Device".Quintessence International, Quintessence Publishing, ISSN 0033-6572, 2014 Oct; 45(9): 779-87.10.3290/j.qi.a32510; Impact Factor (ISI): 0.821 (2015).
25. A Lorean, Z Mazor, E Mijiritsky, H Barbu, L Levin "Segmental Dento-alveolar Intrusive Osteotomy in a Posterior Maxilla with Lack of Inter-Arch Distance for Prosthetic Rehabilitation." The New York State Dental Journal.ISSN: 0028-7571, June-July 2015, pages 37-41, http: //www.nysdental.org/publications/ , indexed in PubMed.
26. C Coman, RM Comăneanu, V Hancu, HM Barbu, C Cotruț, DL Ghergic, "Experimental assessment of corrosion resistance of some alloys used in fixed dental prosthetics", Romanian Journal of Stomatology, vol. LXI, nr. 2, 2015, pages 117-120, Bucharest, Ed. Amaltea Medical, indexed in the International Databases EBSCO, Scirius, GetCITED and WAME, http: //stomatologie.medica.ro/.
27. C Coman, HM Barbu, A Lorean, RM Comăneanu, DL Ghergic, "Rehabilitation of the maxillary canine edentation by self-grabbing and prosthesis with implant support", Romanian Journal of Stomatology, vol. LXI, no. 2, 2015, pages 131-134, Bucharest, Ed. Amaltea Medical, indexed in the International Databases EBSCO, Scirius, GetCITED and WAME, http: // stomatologie.medica.ro/.
28. HM Barbu, CF Andreescu, Mr. Comăneanu, A Lorean, AC Podariu, A Bechir, "The effect of Strontium Ranelate on maxillary bone density", Journal of Chemistry, ISSN:0034-7752, vol 66(2), pages 244-246, 2015, indexed in the International Databases Scimago Journal, Hirsh, ISI – impact factor 2013: 0.677.(equal contributions)
29. RM Comăneanu, V Hancu, HM Barbu, Costin Coman, Cosmin Mihai Cotruț, Mihail Tarcolea, Ana Maria Holicov, Alina Ormenișan, "Comparative assessment of biocompatibility of NiCr and CoCr alloys used in metal-fused-to-ceramic technology", Journal of Chemistry, ISSN:0034-7752, Vol. 66(3): 312-315, 2015, indexed in the International Databases Scimago Journal, Hirsh, ISI — impact factor 2013: 0.677.(equal contributions)
30. V Hancu, RM Comăneanu, C Coman, M Târcolea, HM Barbu, A Bechir, F Miculescu, A Lorean, "microstructural and Chemical Homogenisation of cast metal crowns of CoCrMoW alloy after ceramic mass deposition and burning", Magazine de Chemistry, ISSN:0034-7752, Vol. 66(9): 1327-1330, 2015, indexed in the International Databases Scimago Journal, Hirsh, ISI — impact factor 2013: 0.677.(equal contributions)
31. HM Barbu, RM Comaneanu, CF Andreescu, E Mijiritsky, T Nita, A Lorean, "Dental Implant Placement in Patients With Osteoporosis", Journal of craniofacial Surgery, September 2015, Volume 26, Issue 6, p e558-e559, two: 10.1097/SCS.0000000000001958 (equal contributions), Impact Factor 2015: 0.7
32. DN Pătroi, AO Red, AM Dobrescu, RM Comăneanu, HM Barbu, "Nanic lateral incisors restoration using no-prep ceramic veneers — clinical case — ", Medicine in evolution, Vol XXI, No. 4, 2015, pages 690-694, ISSN 2065-376X, ISSN online 2247-6482, indexed in the International Index Copernicus Database.
33. AO Red, DN Pătroi, AM Dobrescu, R Manu, HM Barbu, "The prosthodontic treatment of a complete oral rehabilitation case", Medicine in evolution, Vol XXI, No. 4, 2015, pages 695-698, ISSN 2065-376X, ISSN online 2247-6482, indexed in the International Index Copernicus Database.

34. C Coman, DL Ghergic, DN Pătroi, M Târcolea, RM Comăneanu, HM Barbu, "Comparative assessment of resistance against experimental forces of mixed prosthetic Restorations", *Plastics*, Bucharest, Ed.SYSCOM 18, 2016, 53(1): 91-94. ISSN: 0025-5289, <http://www.revmaterialeplastice.ro/>, indexed in the International ISI Thompson Database, impact factor 2014: 0.824.
35. DN Pătroi, M Moldovan, V Hancu, RM Comăneanu, HM Barbu, "Water Sorption and solubility in different environments of composite luting Cements: An in vitro study", *Plastics*, Bucharest, Ed. SYSCOM 18, 2016, vol 53, No 4, pages 646-652, ISSN: 0025-5289, <http://www.revmaterialeplastice.ro/>, impact factor 2014:0.824.
36. RI Grigoraș, C Copotoiu, AS Copotoiu, E Fulop, A Mare, HM Barbu, V Hancu, RM Comăneanu, A Ormenisan, "In vitro study about bacterial adhesion to the surface of suture materials used in oro- maxillo-facial surgery", *Plastics*, vol 53, No. 3, 2016, pages 501-504., ISSN:0025-5289, <http://www.revmaterialeplastice.ro/>, impact factor ISI 2014:0.824.
37. DN Pătroi, G Moldoveanu, V Hancu, O Botaca, RM Comăneanu, HM Barbu, "In vitro study about resistance of adhesive Cements", *Plastics*, vols 53, No.2, 2016, pages 215-221 (equal contributions). ISSN: 0025-5289, Bucharest, Ed. SYSCOM 18, <http://www.revmaterialeplastice.ro/>, indexed in the International ISI Thompson Database, impact factor 2014: 0.824.
38. A Bechir, ES Bechir, R Manu, A Burcea, C Gioga, HM Barbu (correspondent), C Biris, G Ciavoi, IT Dascălu, "Comparative Effectiveness of Two Desensitising Products in Dental Cervical Erosions", *Rev. Mat. Plastice (Bucharest)*, vol 53(4), 2016, pages 661-665, <http://www.revmaterialeplastice.ro/pdf/BECHIR%20A%204%2016.pdf>, indexed in the International ISI Thompson Database, impact factor 2014:0.824.
39. M.H. Barbu, C.F. Andreescu, A. Lorean, R. Kolerman, L. Moraru, C. Mortellaro, E. Mijiritsky. "Comparison of Two Techniques for Lateral Ridge Augmentation in Mandible With Ramus Block Graft". *J. Craniofacial Surgery* 2016 April 15. [Epub ahead of print]. <http://www.ncbi.nlm.nih.gov/pubmed/27092913>. Impact factor 2015: 0.7
40. AA Stetiu, A Dancila, M Mitariu, B Serb, M Cernusca Mitariu, A Ormenisan, HM Barbu, RM Comaneanu, M Stetiu, "The influence of the chemical composition of the saliva, buffer capacity and the salivary pH on children with diabetes compared to non diabetics", *Revista de Chimie*, vol. 67(10), 2016, pp. 1966-1969, ISSN:0034-7752.Its — impact factor 2013: 0,677;(equal contributions).
41. BH Serb, A Ormenisan, A Pleseru, V Process, M cernusca-Mitariu, C Roman Filip, HM Barbu, S Cernusca Mitariu, "Pharmacodynamic Modulation of Motility by Glycine Administration in *Dugesia Dorotocephala*", *Revista de Chimie*, vol. 68(1), 2017, pages 172-174, ISSN: 0034-7752 ISI — impact factor 2013: 0,677;(equal contributions).
42. Cf Andreescu, DL Ghergic, O Botoaca, HM Barbu, IS Cernusca Mitariu, DN Pătroi, "The advantages of high-density polymer CAD/CAM interim restoration in oral implantology", *Rev. Mat.Plastics (Bucharest)*, indexed in the International ISI Thompson Database, impact factor 2014: 0.824, vols 54(1), 2017, pages 32-36 (equal contributions).
43. Mijiritsky E, Barbu H, Lorean A, Shohat I, Danza M, Levin L, "Use of Implant-Derived Minimally Invasive Sinus Floor Elevation: A Multicenter Clinical observational Study With 12-to 65-Month Follow-Up.", *J Oral Implantol.* 2016 Aug; 42(4): 343-8. Two: 10.1563/aaid-Thursday-D-15-00157. Impact Factor: 1.184
44. E Nemes Nagy, MC Tilinca, A Iacob, A Ormenisan, Z Fazakas, HM Barbu, M Kolcsar, AC Maier, AO Vida, M Orsolya, "Study on chemical composition of urinary and salivary gland stones in relationship with laboratory parameters and lifestyle habits of patients with lithiasis", *Revista de Chimie*, vol 68(4), 2017, pp. 680-682.
45. C.F. Andreescu, O. Botaca, H.M. Barbu, D.L. Ghergic, A. Bechir, A.M. Rauten. "Deficiencies in Silicone Impression for Crowns and Bridges". *Revista de Chimie*, Bucharest, 2017, 68(10): 2317-2320. ISSN 0034-7752. IF: 1.232. <http://www.revistadechimie.ro/pdf/21%20ANDREESCU%20C%2010%2017.pdf>.2016/2017.
46. H.M. Barbu, C.F. Andreescu, M.R. Comaneanu, D. Referendaru, E. Mijiritsky, "Maxillary Sinus Floor Augmentation to Enable One-Stage Implant Placement by Using Bovine Bone Substitute and Platelet-Rich Fibrin". *Biomed Research International*, vol. 2018, Article ID 6562958, 6 pages, 2018. <https://doi.org/10.1155/2018/6562958>.
47. Lorean A, Barer N, Barbu H, Levin L. Novel electrical conductivity device for osteotomy preparation for dental implants placement: A cadaver study. *Clin Implant Dent Relat Res.* 2018;20(4):569–573. doi:10.1111/cid.12618
48. C. Andreescu, H.M. Barbu, A. Lorean, A. Gultekin, V. Reiser, P. Gultekin, E. Mijiritsky. Relationship Between Third mandibular Molar Angulation and distal Cervical Caries in the Second Molar. *J Craniofac Surg.* 2018 March; 27(3): 662-7. two: 10.1097/SCS.0000000000004505. [https://journals.lww.com/jcraniofacialsurgery/Abstract/publishahead/Relationship\\_Between\\_Third\\_Mandibular\\_Molar.95724.aspx](https://journals.lww.com/jcraniofacialsurgery/Abstract/publishahead/Relationship_Between_Third_Mandibular_Molar.95724.aspx).
49. Levin L, Barbu H, Kurgan S, Comăneanu RM, Referendaru D, Lorean A. Evaluation of 0.2% delmopinol mouth rinse for prevention of peri-implant mucositis and peri-implantitis: A randomized controlled canine study. *Clin Implant Dent Relat Res.* 2019;21(1):46–51. doi:10.1111/cid.12692
50. Clark D, Barbu H, Lorean A, Mijiritsky E, Levin L. Incidental findings of implant complications on CBCTs: A cross-sectional study. *Clin Implant Dent Relat Res.* 2019;21(1):13. doi:10.1111/cid.12688
51. Clark D, Barbu H, Lorean A, Mijiritsky E, Levin L. Incidental findings of implant complications on postimplantation CBCTs: A cross-sectional study. *Clin Implant Dent Relat Res.* 2017;19(5):776–782. doi:10.1111/cid.12511
52. Fernández-Domínguez M, Ortega-Asensio V, Fuentes-Numancia E, et al. Can the Macrogeometry of Dental Implants Influence Guided Bone Regeneration in Buccal Bone Defects? Histomorphometric and Biomechanical Analysis in Beagle Dogs. *J Clin Med.* 2019;8(5):618. Published 2019 May 7. doi:10.3390/jcm8050618

53. Barbu HM, Iancu SA, Jarjour Mirea I, Mignogna MD, Samet N, Calvo-Guirado JL. Management of Schneiderian Membrane Perforations during Sinus Augmentation Procedures: A Preliminary Comparison of Two Different Approaches. *J Clin Med.* 2019;8(9):1491. Published 2019 Sep 19. doi:10.3390/jcm8091491

#### **5. Publications in extenso, published in the main international specialised conferences:**

1. A Bechir, ES Bechir, OC Arghir, DL Ghergic, RM Comăneanu, H Barbu, "Possibilities of use of interocclusive devices in sleep disorder therapy", School of Advanced Studies in Multidisciplinary Management of Painful Oro-facial Symptomology, November 30 to December 14, 2011, published in extenso in the programbook of the event, ISBN 978-606-8002-70-5.
2. A Bechir, ES Bechir, DL Ghergic, M Comăneanu, H Barbu, O Smătreă, "The influence of low level laser therapy on canker sores: Preliminary results", School of advanced studies in multidisciplinary management of painful oro-facial symptomatology, November 30 – December 14, 2011, published in extenso in the program book of the event, ISBN 978-606-8002-70-5.
3. V Hancu, RM Comăneanu, HM Barbu, I Chesnoiu-Matei, DL Ghergic, "The examination through optical and Electronical microscopy in case of failure in dental implant therapy", published in extenso in the volume The International Conference Education and Creativity for a Knowledge –based Society – Medicine and Dental Medicine, Vienna, Osterreichish Rumanischer Akademischer Verein, 2012, ISBN 978-3-9503145-7-1.
4. Am Anghelina, C Coman, RM Comăneanu, H Barbu, DL Ghergic, M Târcolea, "Assessment of the available bone in order to insert dental implants", published in extenso in the volume of the International Conference "Education and Creativity for a Knowledge Society", November 2013.
5. C Coman, RM Comăneanu, ES Bechir, H Barbu, DL Ghergic, "Preliminary study on the incidence of accidents and complications in case of prosthetic restoration with implant aggregation", published in extenso in the volume of the congress The Interdisciplinary Vision in Dental Medicine, Bucharest, 21-23 May 2013, ISBN 978-606-8002-90-3.
6. H Barbu, ES Bechir, C Coman, V Hancu, RM Comăneanu, "Investigation of mechanical behaviour of dental implants in patients with osteoporosis", published in extenso in the volume of congress The Interdisciplinary Vision in Dental Medicine, Bucharest, 21-23 May 2013, ISBN 978-606-8002-90-3.
7. DN Pătroi, C Coman, HM Barbu, RM Comăneanu, "Aesthetic rehabilitation of dental alveolar incongruous crowding using ceramic veneers – case report," published in extenso in the volume The International Conference Education and Creativity for a Knowledge -based Society, 2015, ISBN 978-3-9503145, indexed in the International Social Science Research Network, <http://www.researchgate.net/>.
8. DN Pătroi, AM Dobrescu, HM Barbu, RM Comăneanu, Aesthetic and functional rehabilitation of bilateral maxillary canine anodontia — case presentation, published in extenso in the volume The International Conference Education and Creativity for a Knowledge -based Society, 2015, ISBN 978-3-9503145, indexed in the International Database Social Science Research Network, <http://www.researchgate.net/>.
9. DN Pătroi, HM Barbu, AM Dobrescu, RM Comăneanu, Rehabilitation of non-vital premolar by full ceramic crown – case presentation, published in extenso in the volume The International Conference Education and Creativity for a Knowledge -based Society, 2015, ISBN 978-3-9503145, indexed in the International Database Social Science Research Network, <http://www.researchgate.net/>.
10. HM Barbu, Ş Manea, A Voiculescu, "Controlled Release Drug For Oral Cavity Cancers", published in extenso in the volume The International Conference Education and Creativity for a Knowledge –based Society, 2015, ISBN 978-3-9503145, indexed in the International Database Social Science Research Network, <http://www.researchgate.net/>.
11. ES Bechir, A Bechir\*, G Ciavoi, C Biriş, I Suciuc, A. Burcea, R Manu, M Mariş, HM Barbu, The prevalence in the use of four minimally invasive therapies In romanian Dentists: A preliminary study, Österreichische Nationalbibliothek Wien, The International Conference Education and Creativity for a Knowledge – based Society – MEDICINE, DENTAL MEDICINE AND Pharmacy, Vienna, Osterreichish Rumanischer Akademischer Verein, 2016, ISBN 978-3-9503145-7-1, 219-225.

#### **6. Contract/grant research/development projects (grant director/team member):**

1. "A Prospective Randomised-Controlled Study of PTG, PTG White and Bio-Oss Bone grafting Materials used in maxillary Sinus Lift Cases – A Clinical and Histological Evaluation", International Research Project won through competition, funded by Tigran Technologies AB, Malmo, Sweden. Project manager on Romania, Titu Maiorescu University – Dr. Horia Barbu, period 01.10.2011-31.03.2013.
2. Study of the influence of growth factors on osteointegration of bone grafts into sinus-lift. National research project financed and won through competition, period 01.10.2013-30.09.2016. Coordinating institution: University of Titu Maiorescu. Partners: Polytechnic University of Bucharest. Project Director Dr. Barbu Horia.

3. "Interdisciplinary vision in Dental Medicine", project director, Dr. Bechir Anamaria, team member Dr. Barbu Horia, contract financed by ANCS 6-8 June 2011;
4. "Up-dates in complex oral aesthetic rehabilitation", project director, Dr. Bechir Anamaria, team member Dr. Barbu Horia, contract financed by ANCS 2-4 November 2011;
5. "School of advanced studies in multidisciplinary management of painful oro-facial symptoms" — Contract PN – II – ID – SSA – 011-1-009 – UEFISCDI, 2011, team member Dr. Barbu Horia;
6. "Questor (Quest for Reports) EUREKA 5883" project, project director, Dr. eng. Alin Moldoveanu, Grade III scientific researcher Dr. Barbu Horia, contract financed by UEFISCDI: 313E/19.04.2012-26.02.2014; [www.eurekanetwork.org/project/-/id/5883](http://www.eurekanetwork.org/project/-/id/5883)
7. "A single or multi-center study to evaluate the safety and efficacy of the Sinus Lift Implant device and the clinical procedure", project director Dr. Hadar Better, team member (investigator) Dr. Barbu Horia in Multicentric International Clinical Trial financed by Maxillent LTD, Israel, authorised by the Ministry of Health Ordinance no. 9 from 31 July 2009; No. CLP-01 protocol version 01. Duration: August 2009 – February 2012;
8. "An Open, Prospectives, Multi-Center Study to Evaluate Bone Loss, the Survival Rate of MaTriX™ Implant System, In Patients With Tooth Loss requiring up to 3 implants, In Staged And Immediate Loading Protocols" project director C.N. temperate, member of HM Barbu team, financed by BioService SRL Italia. Duration: 20.01.2014-20.04.2015.
9. "Interdisciplinary vision in Dental Medicine", IV-th edition, project director: Dr. Barbu HM, contract financed by ANCS 13-15 May 2014;
10. "Innovative products of multiple applications", PN-II-PT-PCCA-2013-4-0891, project director Oprea Ovidiu Cristian, Barbu Horia – team member. Coordinating institution: Polytechnic University of Bucharest. Partners: "Titu Maiorescu" University, Romanian Society for Interdisciplinary Studies with Applicability in Medicine, Remed Prodimex Srl.
11. "Learn to build your own future!" — incisive, project financed by POSDRU 2007-2013; Contract no. POSDRU/161/2.1/G/138653. The project has a duration of 18 months, the total budget of the project is 2,062,790 lei. Barbu Horia – team member
12. "Radiological evaluation of post-extraditional augmentation results using Parasorb HD Cone RESORBA and 3D BOND in adult patients" 2015, National research project funded and won through competition. Project Director Barbu Horia Mihail, project duration: 12 months, the total budget of the project: 15525 lei.
13. "Evaluation of 0.2 % delmopinol dental rinse in peri-implant Health and prevention of peri-implantitis" 2017, International research project financed and won through competition. Grant Director Barbu Horia Mihail. Duration: 6 months, the total budget of the project: \$85,000, Sponsor: Sunstar Americas, Inc. 301E.Central Rd. Schaumburg IL 60195 U.S.

## 7. Symposiums, National and International Congresses:

1. RM Comăneanu, DL Ghergic, O Smătrea, H.M. Barbu, C Hăineală, M. Târcolea, "SEM examination of the bone-implant junction", thirteenth Scientific Session of teachers and students from the Faculty of Medicine and Dental Medicine, Titu Maiorescu University, 2010.
2. A Lorean, HM Barbu, MB Bucur, RM Comăneanu, DL Ghergic, "Repositioning of the inferior vasculonervos alveolar package in a case of marked bone atrophy", the Joint Congress of Stomatology SRS-GAO with international participation, Bucharest, 2010, with a summary published in the volume of the congress.
3. R.M. Comăneanu, O. Smătrea, D. L. Ghergic, C. Hăineală, H. M. Barbu, M. Târcolea, "Experimental aspects regarding thermal transfer to the bone-implant interface", VIII-th International Congress of OroDental Health and Management in the Black Sea Euroregion, 26-29 MAI 2010, Constanta, a summary published in the Congress abstract, ISSN – 1583-5588.
4. HM Barbu, A Lorean, MB Bucur, RM Comăneanu, DL Ghergic, D Barbu, "augmentation of the maxillary bone substrate with autograft from the tibia", VIIIth International Congress of OroDental Health and Management in the Black Sea Euroregion, 26-29 MAI 2010, Constanta, abstract published in the congress summary book, ISSN – 1583-5588.
5. RM Comăneanu, O Smătrea, HM Barbu, E David, M Târcolea, DV Burtea, "Electronic-microscopic studies on a dental implant", International Conference "Education and Creativity for a Knowledge Society", IV Edition, Bucharest, 2010, with summary published in the conference volume.
6. H Barbu, A Lorean, Z Mazor, T Niță, MB Bucur, RM Comăneanu, "Different Types of grafting Technique for Restoring the Defficient Ridge Prior to Implant Placement", The 2nd Future Trends in Implantology International Dental Conference, Florence, Italy, 2010, with summary published in the conference volume
7. Mr. Ghergic, HM Barbu, RM Comăneanu, "Modern aspects in planning oral implanto-protetic rehabilitation", lecture at the National Symposium with International Participation "Interdisciplinary Vision in Dental Medicine", 2011.
8. HM Barbu, RM Comăneanu, A Lorean, "Agmentation techniques used for three-dimensional improvement of the bone supply in oral implantology", lecture at the National Symposium with International Participation "Interdisciplinary Vision in Dental Medicine", 2011.

9. AG Filipescu, DL Ghergic, E David, O Smătrea, RM Comăneanu, HM Barbu, "The Role of Provisional Restoration in Conjoint Protetic Treatment", National Symposium with International Participation "Interdisciplinary Vision in Dental Medicine", 2011, with summary published in the Symposium volume, ISBN 978-606-8002-64-4.
10. AG Filipescu, DL Ghergic, A Burcea, SA Tecuceanu, HM Barbu, RM Comăneanu, "Study of partial edentation treatments in seniors", National Symposium with International Participation "Interdisciplinary Vision in Dental Medicine", 2011, with summary published in the Symposium volume, ISBN 978-606-8002-64-4.
11. R Cîrligeanu, RM Comăneanu, HM Barbu, "Management of the Medical Team in Interdisciplinary Treatment Planning" National Symposium with International Participation "Interdisciplinary Vision in Dental Medicine", 2011, with summary published in the volume of the Symposium, ISBN 978-606-8002-64-4.
12. HM Barbu, RM Comăneanu, DL Ghergic, A Lorean, Z Mazor, R Horowitz, "Guided Bone Regeneration with autograft from tibia", National Symposium with International Participation "Interdisciplinary Vision in Dental Medicine", 2011, with summary published in the Symposium volume, ISBN 978-606-8002-64-4.
13. HM Barbu, RM Comăneanu, DL Ghergic, A Lorean, Z Mazor, R Horowitz, "The vertical augmentation of the alveolar crest versus the repositioning of the inferior alveolar nerve", National Symposium with International Participation "Interdisciplinary Vision in Dental Medicine", 2011, with summary published in the volume of Symposium, ISBN 978-606-8002-64-4.
14. RM Comăneanu, HM Barbu, O Smătrea, D Vlăsceanu, F Miculescu, M Târcolea, "SEM investigations on the os-implant interface", National Symposium with International Participation "Interdisciplinary Vision in Dental Medicine", 2011, with summary published in the volume of the Symposium, ISBN 978-606-8002-64-4.
15. C Antipa, I Tărlungeanu, RM Comăneanu, HM Barbu, O Smătrea, C Antipa, "Dental Office, Possible Source of Hepatitis virus infection", National Symposium with International Participation "Interdisciplinary Vision in Dental Medicine", 2011, with summary published in the Symposium volume, ISBN 978-606-8002-64-4.
16. RM Comăneanu, HM Barbu, DL Ghergic, A Lorean, "Current techniques in guided bone regeneration", lecture at the Joint Congress SRS - GAO with international participation, Bucharest, 2011.
17. AG Filipescu, DL Ghergic, RM Comăneanu, HM Barbu, "Evolution and pathology specific to the oro-facial system in the elderly", the Joint Congress SRS-GAO with international participation, Bucharest, 2011.
18. A Burcea, HM Barbu, AM Stancu, RM Comăneanu, DL Ghergic, "The vertical and horizontal augmentation of the residual crest", the Joint Congress SRS-GAO with international participation, Bucharest, 2011.
19. HM Barbu, RM Comăneanu, A Burcea, C Hăineală, O Smătrea, DL Ghergic, "Planning oral rehabilitation in a complex case using SimPlant software", SRS-GAO Joint Congress with international participation, Bucharest, 2011.
20. H.M.Barbu, A. Brehar, R.M. Comăneanu, A. Lorean, D.L. Ghergic, C. Dumitrache, "Preliminary clinical study regarding improvement of dental implants stability in osteoporosis", ASBMR 2011 Annual Meeting, 16-20 September, San Diego, USA, with a summary published in the Journal of Bone and Mineral Research, 26 (Suppl 1), Thomson Reuters (ISI Master Journal) Impact Factor 6.128.
21. H Barbu, M Comăneanu, "Ultrasonic surgery in implantology", lecture at the National Conference with international participation "Up-dates in complex aesthetic oral rehabilitation", Bucharest, 2011.
22. RM Comăneanu, H Barbu, A Burcea, "Adaptive changes of bone tissue to the interface with dental implant", National Conference with international participation "Up-dates in complex aesthetic oral rehabilitation", Bucharest, 2011, with a summary published in the conference summary book, ISBN 978-606-8002-68-2.
23. H Barbu, RM Comăneanu, MB Bucur, "Possibilities to Create Three-dimensional Models for Planning Implant-Protetic Treatment", National Conference with International Participation "Up-dates in Complex Aesthetic Rehabilitation", Bucharest, 2011, with a summary published in the conference summary book, ISBN 978-606-8002-68-2.
24. HM Barbu, RM Comăneanu, "The importance of the CBCT examination in order to reduce the rate of therapeutic failure in implantology: Case studies I", lecture at the National Congress with international participation Interdisciplinary vision in Dental Medicine, May 8-10, 2012.
25. RM Comăneanu, HM Barbu, "The importance of the CBCT examination in order to reduce the rate of therapeutic failure in implantology: Case Study II", lecture at the National Congress with international participation Interdisciplinary vision in Dental Medicine, May 8-10, 2012.
26. HM Barbu, RM Comăneanu, "Immediate loading of dental implants", lecture at the National Congress with international participation Interdisciplinary vision in Dental Medicine, 8-10 May 2012.
27. H.M. Barbu, R.M. Comăneanu, D.L. Ghergic, "Avoiding osteonecrosis following oral surgery interventions in patients under bisphosphonate therapy", lecture at the International Congress SRS-GAO, Bucharest 2012.

28. H Barbu, M Comăneanu, A Brehar, D Ghergic, C Dumitrache, "Implant-Protetic Therapy in osteoporotic Patients", the sixth edition of the Congress of the Association of Clinical Endocrinology of Romania (AECR), September 2011, with a summary published in the volume of the congress.
29. R.M. Comăneanu, H.M. Barbu, V. Hancu, A. Bechir, F. Miculescu, M. Tarcolea, "Appearance of oral tissues in cases of failure of implant therapy", BiomMedD'2012 International Conference, with a summary published in the conference volume.
30. RM Comăneanu, V. Hancu, H.M. Barbu, D. Vlasceanu, M. Tarcolea, D. L. Ghergic, "Comparative FEM study about mechanical behaviour of two types of dental iMplants", BiomMedD'2012 International Conference, with summary published in the conference volume.
31. H Barbu, M Comăneanu, C Dumitrache, "Influence of strontium ranelate in bone grafts in implantology" VII Congress of the Association of Clinical Endocrinology in Romania, Bucharest, September 2012, with a summary published in the volume of the congress.
32. H Barbu, M Comăneanu, "Alternate sources for bone block grafting", Indo-US Work-Shop, India, October 2012.
33. H Barbu, M Comăneanu, "Avoiding osteonecrosis and management of patients with osteoporosis", 37th National Annual Conference of Indian Society of periodontology, India, October 2012.
34. HM Barbu, RM Comăneanu, "Management of the Patient with osteoporosis in implantology", lecture at the International Congress "Up-dates in complex aesthetic oral rehabilitation", 2012.
35. RM Comăneanu, HM Barbu, "Planning the implant-protetic treatment with SIMPLANT software" invited to the International Congress "Up-dates in complex aesthetic oral rehabilitation", 2012.
36. H Barbu, RM Comăneanu, "Bone regeneration with osteoconductive and osteoinductive materials" invited to the International Congress "Up-dates in complex aesthetic oral rehabilitation", 2012.
37. H Barbu, RM Comăneanu, "The importance of CBCT examination in order to reduce the rate of therapeutic failure: Case studies" lecture at the International Congress "Up-dates in complex aesthetic oral rehabilitation", 2012.
38. H Better, D Slavescu, H Barbu, DL.Cochran, G Chaushu, "Minimally Invasive Sinus Lift Implant Device- A Multi- Center Safety and Efficacy Trial Preliminary Results";oral communication, Congress of the European Federation of Periodontology, Austria, Vienna 6-9 June 2012, with summary published in Journal of Clinical Periodontology, Vol. 39, supplement 13, RC087, Special issue Abstracts of EuroPerio7 Vienna, 2012, Online ISSN: 1600-051X, ISI Impact factor- 3,68.
39. H Barbu, M Comăneanu, A Brehar, DL Ghergic, C Dumitrache, "Interdisciplinary cooperation of family physician – dentist – key to success in implantology", communicated at the National Conference on Family Medicine, Bucharest, October 2011.
40. H Barbu, "Regeneration with osseoinductive and osseoconductive materials", Lecture, Updates in implantology and bone regeneration, Israel, Caesaria, May 2012
41. H. Barbu, R.M. Comăneanu, "The collection of autologous bone blocks with the help of ultrasonic surgery", conference invited to the Days of Mectron Piezosurgery, April 2013.
42. H Barbu, Mr. Comăneanu, "Using bone blocks in implantology for three-dimensional reconstruction of edentulous arches", conference at the Congress of the Faculty of Dental Medicine "Interdisciplinary Vision in Dental Medicine", 2013, with summary published in the volume of Congress, ISBN 978-606-8002-90-3.
43. C Coman, HM Barbu, V Hancu, RM Comăneanu, DL Ghergic, "Researchs on bone-implant interface in patients with osteoporosis", Congress of the Faculty of Dental Medicine "Interdisciplinary Vision in Dental Medicine", 2013, with summary published in the volume of congress, ISBN 978-606-8002-90-3.
44. HM Barbu, RM Comăneanu, C Coman, D Vlăsceanu, "Experimental researches on the stability of dental implants in osteoporosis", International Seminar on Biomaterials & Regenerative Medicine BioReMed'2013, Iasi 30 May – 1 June 2013, with a summary published in the Seminar volume.
45. RM Comăneanu, C Coman, HM Barbu, F Miculescu, M Târcolea, "Corelations between cyto-hystopatological modifications of tissues to the interface with dental implants and the degree of processing of their surfaces", International Seminar on Biomaterials & Regenerative Medicine BioReMed'2013, Iasi 30 May – June 1, 2013, with a summary published in the volume of the Seminar.
46. C Coman, RM Comăneanu, HM Barbu, O Smătrea, DL Ghergic, "The incidence of accidents and complications in the implant-protetic treatment of reduced edentate breaches", International Seminar on Biomaterials & Regenerative Medicine BioReMed'2013, Iasi 30 May – June 1, 2013, with a summary published in the volume of the Seminar.
47. H Barbu, RM Comăneanu, M Răescu, "Current trends in sinus-lift", lecture at the National Congress "Days of Dental Medicine" June 2013.

48. H Barbu, RM Comăneanu, "Modern approaches in sinus-lift" conference invited at the VIIIth International Congress of the Romanian Oral Rehabilitation Society -New Challenges of General and Oral Rehabilitation, Bucharest, July 2013.
49. H Barbu, "Alternate sources for bone block grafting", Lecture, Updates in implantology and bone regeneration, Israel, Caesaria, May 2013
50. A Lorean, F Kablan, L Levin, Z Mazor, E Mijiritsky, H Barbu, "Inferior alveolar nerve transposition and reposition for dental implant placement", oral communication, International Association for Dental Research, Israeli Division Meeting, Israel, Tel-Aviv, 27 June 2013.
51. H Barbu, RM Comaneanu, "Improving the mandibular bone supply by repositioning the lower alveolar nerve", National Conference with International Participation "Interdisciplinary Vision in Dental Medicine", IV edition, 2014, lecture with summary published in the Symposium volume, ISBN 978-606-8002-92-7.
52. A Dobrescu, C Coman, M Comaneanu, V Hancu, HM Barbu, DL Ghergic, "Refacing the aesthetic aspect through metal-ceramic restoration", National Conference with International Participation "Interdisciplinary Vision in Dental Medicine" fourth edition, 2014, lecture with summary published in the volume of the Symposium, ISBN 978-606-8002-92-7.
53. AM Anghelina, C Coman, M Comaneanu, HM Barbu, DL Ghergic; "Errors of surgical technique in insertion of implants in the jaw", National Conference with International Participation "Interdisciplinary Vision in Dental Medicine" IV edition, 2014, lecture with summary published in the volume of the Symposium, ISBN 978-606-8002-92-7.
54. C Coman, AM Dobrescu, M Comaneanu, AM Anghelina, HM Barbu, DL Ghergic; "Preoperative imaging assessment – essential stage for avoiding accidents in implantology", National Conference with International Participation "Interdisciplinary Vision in Dental Medicine" IV edition, 2014, lecture with summary published in the volume of the Symposium, ISBN 978-606-8002-92-7.
55. C Gioga, DL Ghergic, HM Barbu, CN Cumpata; "The complexity and prognosis of cases of osteonecrosis of the jaws as a side effect of medication with osteoclast inhibitors", National Conference with International Participation "Interdisciplinary Vision in Dental Medicine" IV edition, 2014, lecture with summary published in the volume of the Symposium, ISBN 978-606-8002-92-7.
56. H Barbu, "Bone Blocks versus GBR", National Conference Titanium Club meets Romania, Timisoara, Romania, 15.02.2014.
57. Am Dobrescu, C Coman, RM Comăneanu, HM Barbu, DL Ghergic, "Rehabilitation of the aesthetic aspect of dento-maxillary arches by metal-ceramic restoration", lecture at the Joint Stomatology Congress SRS-GAO-UTM, with a summary published in the Romanian Journal of Stomatology, Volume LX, No. 3, Year 2014, page 197.
58. C Coman, AM Dobrescu, A Ormenisan, RM Comăneanu, HM Barbu, DL Ghergic, "The importance of imaging examination in avoiding accidents and complications in implantology", lecture at the Joint Stomatology Congress SRS-GAO-UTM, with summary published in the Romanian Journal of Stomatology, Volume LX, No. 3, 2014, page 197.
59. C Coman, RM Comăneanu, AM Dobrescu, A Ormenisan, HM Barbu, DL Ghergic, "Classical and Modern Modalities of restoration the Partial Edentation", lecture at the Joint Congress of Stomatology SRS-GAO-UTM, with a summary published in the Romanian Journal of Stomatology, Volume LX, No. 3, 2014, page 198.
60. D Pătroi, A Burcea, D Rădulescu, I Velicu, H Barbu, "The bimaxillary implanto-protetic restoration through screwed hybrid bridges — case presentation", National Conference with international participation "Interdisciplinary vision in dental medicine", edition 2015, with summary published in the conference volume, Titu Maiorescu University Publishing House in Bucharest, ISBN: 078-606-8002-99-6
61. D Pătroi, A Burcea, D Rădulescu, I Velicu, H Barbu, "The Importance of Diagnostic Modeling (wax-up) in restoring a natural smile", National Conference with international participation "Interdisciplinary vision in dental medicine", edition 2015, with summary published in the volume of the conference, Editura Universitatea Titu Maiorescu in Bucharest, ISBN: 078-606-8002-99-6
62. A Jordanescu, HM Barbu, "Aspiration of foreign bodies in the upper airways: Heimlich Method, cricotirotomy", National Conference with International Participation "Interdisciplinary Vision in Dental Medicine", edition 2015, with summary published in the conference volume, Editura Universitatea Titu Maiorescu in Bucharest, ISBN: 078-606-8002-99-6
63. V Bodnariuc, HM Barbu, "Intraosous anesthesia used in implant surgery", National Conference with International Participation "Interdisciplinary Vision in Dental Medicine", edition 2015, with summary published in the volume of the conference, Titu Maiorescu University Publishing House in Bucharest, ISBN: 078-606-8002-99-6
64. El Chelaru, HM Barbu, "HTA and HTA crisis", National Conference with International Participation "Interdisciplinary Vision in Dental Medicine", edition 2015, with summary published in the conference volume, Titu Maiorescu University Publishing House in Bucharest, ISBN: 078-606-8002-99-6
65. Am Costache, HM Barbu, "Accidents in Implant Surgery: Intraoral haemorrhage", National Conference with International Participation "Interdisciplinary Vision in Dental Medicine", edition 2015, with summary published in the conference volume, Publishing House of Titu Maiorescu University in Bucharest, ISBN: 078-606-8002-99-6
66. A Hazaparu, H Barbu, "clinical and therapeutic considerations in oro-sinus communication: Complications in oral implantology", National Conference with international participation "Interdisciplinary vision in dental medicine", edition

- 2015, with summary published in the conference volume, Titu Maiorescu University Publishing House in Bucharest, ISBN: 078-606-8002-99-6
67. CD Marin, HM Barbu, "Reconstruction of mandibular atrophy using autologous bone grafts", National Conference with International Participation "Interdisciplinary Vision in Dental Medicine", edition 2015, with summary published in the conference volume, Titu Maiorescu University Publishing House in Bucharest, ISBN: 078-606-8002-99-6
  68. TC Marin, HM Barbu, "Choose of the PRF as the sole addition material in Schneiderian membrane elevation technique", National Conference with International Participation "Interdisciplinary Vision in Dental Medicine", edition 2015, with summary published in the volume of the conference, Titu Maiorescu University Publishing House in Bucharest, ISBN: 078-606-8002-99-6
  69. AC Nuță, HM Barbu, "Modern techniques of chronic oral communication", National Conference with International Participation "Interdisciplinary Vision in Dental Medicine", edition 2015, with summary published in the volume of the conference, Editura Universitatea Titu Maiorescu in Bucharest, ISBN: 078-606-8002-99-6
  70. DB Stroe, HM Barbu, "the bone augmentation at the level of the maxillary sinus with the help of xenogrefe and allograft", National Conference with international participation "Interdisciplinary vision in dental medicine", edition 2015, with summary published in the conference volume, Editura Universitatea Titu Maiorescu in Bucharest, ISBN: 078-606-8002-99-6
  71. H Barbu, A Burcea, C Buteanu, G López-Cobena, "Repositioning of the Lower Alveolar nerve with placement of dental implants – case presentation", National Conference with international participation "Interdisciplinary vision in dental medicine", edition 2015, with summary published in the volume of the conference, Publishing House of Titu Maiorescu University in Bucharest, ISBN: 078-606-8002-99-6
  72. D Iacoban, H Barbu, "Intraoral harvest of bone blocks — case presentation", National Conference with international participation "Interdisciplinary vision in dental medicine", edition 2015, with summary published in the volume of the conference, Titu Maiorescu University Publishing House in Bucharest, ISBN: 078-606-8002-99-6
  73. S. Muzaș, H Barbu, "Insertion of post-extractional implants simultaneously with guided bone regeneration — case presentation", National Conference with international participation "Interdisciplinary vision in dental medicine", edition 2015, with summary published in the conference volume, Titu Maiorescu University Publishing House in Bucharest, ISBN: 078-606-8002-99-6
  74. A Georgescu, H Barbu, "Specific aspects in vestibuloplasties", National Conference with International Participation "Interdisciplinary Vision in Dental Medicine", edition 2015, with summary published in the volume of the conference, Titu Maiorescu University Publishing House in Bucharest, ISBN: 078-606-8002-99-6
  75. M Rusu-Pop, H Barbu, "Actualities in insertion of implants simultaneously with bone augmentations", National Conference with International Participation "Interdisciplinary Vision in Dental Medicine", edition 2015, with summary published in the volume of the conference, Titu Maiorescu University Publishing House in Bucharest, ISBN: 078-606-8002-99-6
  76. M Serban, H Barbu, "Establishment of treatment plan in implantology. Basic Principles", National Conference with International Participation "Interdisciplinary Vision in Dental Medicine", edition 2015, with summary published in the conference volume, Titu Maiorescu University Publishing House in Bucharest, ISBN: 078-606-8002-99-6
  77. A. Burcea, HM Barbu, "Modern methods of minimally invasive elevation of the maxillary sinus floor", National Conference with International Participation "Interdisciplinary Vision in Dental Medicine", edition 2015, with summary published in the volume of the conference, Titu Maiorescu University Publishing House in Bucharest, ISBN: 078-606-8002-99-6
  78. A Ormenisan, RI Grigoraș, C Coman, M Târcolea, HM Barbu, RM Comăneanu, "Experimental analysis of masticatory efforts on a mandible fractured by finite elements method", National Conference with International Participation "Interdisciplinary Vision in Dental Medicine", edition 2015, with summary published in the conference volume, Titu Maiorescu University Publishing House in Bucharest, ISBN: 078-606-8002-99-6, pages 92.
  79. "Failures and complications in bone augmentations: Etiology and treatment", Barbu Horia, International Congress ImplantoDays, June 11, 2015
  80. CA Bolla, HM Barbu, "Specific aspects of intraosseous anesthesia and anesthesia through imbibition", National Conference "Up-dates in complex aesthetic oral rehabilitation", November 2015.
  81. R Condrea, HM Barbu, "Complications and accidents in anesthesia", National Conference "Up-dates in complex aesthetic oral rehabilitation", November 2015.
  82. Georgescu Ioana Diana, HM Barbu, "Infraorbital foramen — anatomical variations", National Conference "Up-dates in complex oral aesthetic rehabilitation", November 2015.
  83. F Gero, HM Barbu, "The Lower Alveolar Nerve – Specific Anatomical Aspects", National Conference "Up-dates in Complex Oral Rehabilitation", November 2015.
  84. NM Ilie, HM Barbu, "Specifications to the peripheral anesthesia of the lower alveolar nerve", National Conference "Up-dates in complex aesthetic oral rehabilitation", November 2015.
  85. AE Lincă, HM Barbu, "Weisbrem procedure — surgical necessity", National Conference "Up-dates in complex aesthetic oral rehabilitation", November 2015.
  86. A Mirancea, HM Barbu, "The Mental Foramen – Unusual Variations", National Conference "Up-dates in Complex Oral Rehabilitation", November 2015.
  87. A Urkundas, HM Barbu, "Specifications to anterior palate nerve anesthesia", National Conference "Up-dates in complex oral aesthetic rehabilitation", November 2015.



88. A Volintiru, HM Barbu, "Specific aspects in nazo-palatine nerve anatomy", National Conference"Up-dates in complex oral aesthetic rehabilitation", November 2015.
89. A Radu, HM Barbu, "Three-dimensional reconstruction of edentulous arches with the help of bone grafts", National Conference"Up-dates in complex aesthetic oral rehabilitation", November 2015.
90. "Malignancies of the parotid glands – cytological aspects in preoperative Assesement-Case report", A Iacob, M Tilinca, RM Comăneanu, HM Barbu, A Ormenisan, Congress "Interdisciplinary vision in dental medicine", Bucharest, 2016, with summary published in the volume of congress, ISBN 978-606-767-010-3.
91. "Bone grafts used in oral rehabilitation", RI Grigoraş, AS Coşarcă, HM Barbu, RM Comăneanu, A Ormenisan, congress "Interdisciplinary vision in dental medicine", Bucharest, 2016, with summary published in the volume of the congress, ISBN 978-606-767-010-3.
92. "Augmentation techniques in implant surgery with the help of bone blocks", Horia Mihail Barbu, Alexandru Burcea, National Symposium organised by ARDS iMplants, April 01, 2016.
93. "Techniques of bone augmentation of the maxillary sinus ", Horia Mihail Barbu, Alexandru Burcea, National Symposium organised by ARDS iMplants, May 20, 2016
94. "One to One – Live Surgery – inserting implants + sinus elevator", Horia Mihail Barbu, Alexandru Burcea, National Symposium organised by ARDS iMplants, 17 June 2016
95. "Fundamental Sciences in Oral Implantology ", Horia Mihail Barbu, Alexandru Burcea, National Symposium organised by ARDS iMplants, 30 September 2016
96. "Bone augmentation in oral implantology", Horia Mihail Barbu, Alexandru Burcea, National Symposium organised by ARDS iMplants, 22 October 2016
97. "Bone augmentation techniques in Implant Surgery – hands-on course", Barbu Horia, International Congress ImplantoDays, 9 June 2016, Poiana Brasov, Romania
98. "Management of complications in bone augmentation", The IVth International Implantology Days Congress, 8-10 April 2016, Baden Baden, Germany
99. "Cortical autogenous bone tenting technique", Barbu Horia, International Congress ImplantoDays, 10 June 2016
100. "Modern surgical techniques from theory to practice; From simple to complicated", Barbu Horia, Burcea Alexandru, International Congress ImplantoDays, 10 June 2016
101. "Difficult cases: From simple to complex treatment planning", Barbu Horia, Congress international iMplants Connected to Nature 2016
102. "Fundamental Sciences in Oral Implantology ", Horia Mihail Barbu, Alexandru Burcea, National Symposium organised by ARDS iMplants, February 25, 2017
103. "Bone augmentation in oral implantology", Horia Mihail Barbu, Alexandru Burcea, National Symposium organised by ARDS iMplants, 18 March 2017
104. "Bone Augmentation Techniques in Mandible", Horia Mihail Barbu, International Congress "Interdisciplinary Vision in Dental Medicine", April 27-29, 2017.
105. "Difficult cases: From simple to complex treatment planning", Barbu Horia, International Congress ImplantoDays, June, 2017, Poiana Brasov, Romania
106. "Difficult cases: From simple to complex treatment planning", University "Goce Delcev" - Faculty of Medical Sciences & Dental Medicine, 6th Symposium, Irregularities, Failures and Their Rehabilitation in Dental Interventions, 11.11.2017, Stip, Republic of Macedonia
107. "Difficult cases: From simple to complex treatment planning", Adin Latin Symposium, December 2017, Bogota, Columbia
108. "Treatment planning in modern implantology - from implant placement to final restoration", IBS Implants and Smart Note International Symposium - Development and science in modern implantology 29.09.2018, Barbu Horia, Dan Patroi, Hilton, Bucharest, Romania
109. "Difficult cases: From simple to complex treatment planning", International Conference of the IAOI, 25 January 2018, Tel Aviv, Israel
110. "Difficult cases: From simple to complex treatment planning", International Symposium Galilee Medical Center, 27.02.2018, Naharia, Israel
111. "Difficult cases: From simple to complex treatment planning", 23rd BaSS International Congress Medicine of the younger vs. Elderly patients, 10-12 May 2018, Iasi, Romania
112. "Difficult cases: From simple to complex treatment planning", 19th National Congress with international participation of Moldavian Association of Stomatologists, 1-2 November 2018, Chisinau, Moldova
113. "Treatment planning for complex cases and failures in implant dentistry", 29-30 March 2019, Denta National Symposium, Sibiu, Romania
114. "Surgical management of complications in implant dentistry", National Conference with International Participation "Interdisciplinary Vision in Dental Medicine", IX-th edition, 15-17 May 2019, Bucharest, Romania
115. "Bone augmentation in oral implantology", International Symposium of the Israel Society of Implant Dentistry "Back to reality in implant dentistry"; 30-31 may 2019, Tel-Aviv, Israel.
116. Guided Bone Regeneration, Bone blocks, Accidents and Complications in Bone Augmentation, Genesis National Symposium, November 2019, Hyderabad, India
117. Guided Bone Regeneration, Bone blocks, Accidents and Complications in Bone Augmentation, Genesis National Symposium, November 2019, Lucknow, India

118. Guided Bone Regeneration, Bone blocks, Accidents and Complications in Bone Augmentation, Genesis National Symposium, November 2019, Ahmedabad, India
119. Guided Bone Regeneration, Bone blocks, Accidents and Complications in Bone Augmentation, Genesis National Symposium, November 2019, Chennai, India
120. Guided Bone Regeneration, Bone blocks, Accidents and Complications in Bone Augmentation, Genesis National Symposium, November 2019, Mumbai, India.
121. "3D ridge reconstruction with autogenous bone -Khoury technique" Ivan Ioana Andrada, Daniel Referendaru, Barbu Mihail Horia National Conference"Up-dates in complex oral aesthetic rehabilitation", November 2019.