



Curriculum Vitae

PERSONAL INFORMATION Ion Patrascu

EDUCATION AND TRAINING

1970 Diploma de Bacalaureat, premiul I

Liceul teoretic Gh. Lazar, Bucuresti (Romania)

October 1970 – September 1975 Medic Dentist

Facultatea de Medicina Dentara, Carol Davila, Media 10 la examenul de stat,
Bucuresti (Romania)

1996 Doctor in Medicina

Doctorat: Consideratii functionale privind restaurarea protetica a ghidajului
anterior",conducator

doctorat: prof. Dr. Stelorian Stanescu, UMF "Carol Davila", Bucuresti
(Romania)

Cursuri EMC:peste 25 participari+sustineri

WORK EXPERIENCE

1980 – 1993 Asistent Universitar

1993 – 1996 Sef de Lucrari

1997 – 2002 Conferentiar Universitar

2002 – Present Profesor Universitar

Activitatea didactică:

- **Titularul următoarelor cursuri:**

- o Materiale dentare-anIII/semI: 1993-prezent;

- o Tehnologia metalo-ceramică – anIII/semII, CTD 1993-prezent;

- o Materiale dentare utilizate – an I/sem II, CDT1993-prezent;

intehnologia protezelor dentare

- o Tehnologia Protezelor – an II/ sem I și II 2000-prezent.

Activitatea profesionala din 1980 si pana in prezent am desfasurat-o in totalitate in catedra deTehnologia Protezelor si Materiale Dentare.

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Medicina Dentara/ Departamentul nr.1.

PERSONAL SKILLS:

Mother tongue(s) romana

Other language(s) UNDERSTANDING SPEAKING WRITING

Listening Reading Spoken interaction Spoken production

English C1 C1 B1 B1 B1

Italian B1 B1 B1 B1 B1

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

Common European Framework of Reference for Languages

Communication skills • Prodecan Facultatea de Stomatologie martie 2000 – 2004 .

• Membru al Senatului Universității „Carol Davila”

martie 2000 – 2004, 2012-2016;

Organisational / managerial skills

• Director de program U.N.E.S.C.O. 1998-2000;

• Director de program C.N.F.I.S. 1998-2008;

- Director de Program E.M.C. 2000-2004;

- Sef Catedra Tehnologia Protezelor si Materiale Dentare. 2000-Prezent

Organizari manifestari stiintifice:

- secretar tehnic al XI-lea congres S.R.S., Bucuresti, 1997

- presedinte al comisiei tehnice, al II-lea congres U.N.A.S.

- membru in comitetul de organizare, al VI-lea congress BaSS, Bucuresti, 2001

- membru in comitetul de organizare, al IV-lea Congres Mondial de Implantologie, I.R.C.O.I.,

Bucuresti, 2000

Membru in Colegiul Stiintific de Redactie:

- Arta Stomatologica;

- Actualitati Stomatologice;

- Revista Nationala de Stomatologie

- Cosmetic Dentistry.

Membru in Societati Stiintifice:

- Membru fondator al Societatii Romane de Biomateriale
- U.N.A.S, S.R.S, A.M.S.P.R, B.a.S.S.

Job-related skills:

Creativitate siabilitati de cercetare.

Abilitatea de a stabili relatii de lucru in echipa si medii multiculturale.

Abilitati de comunicare,de prezentare orala.

Flexibilitate,determinare,responsabilitate.

Computer skills - cunostinte in sistemul de operare Windows XP si Microsoft Office (Excel, PowerPoint, Word).

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ADDITIONAL INFORMATION

Experienta de Management

- Proiecte :sunt coator la 15 proiecte de cercetare stiintifica derulate in perioada, 2000-2016, in calitate de director proiect.
- In 2014 , am castigat prin licitatie cu punctaj maxim urmatoarele 2 proiecte :

- **PROIECTE 2014/2016**

1. **Imbunatatirea sanatatii orale si sistemice folosind restaurari dentare din aliaje modificate (ORALSIS) (PN II: PARTENERIATE ÎN DOMENII PRIORITARE) (PN-II-PT-PCCA-2013-4-0869)- 2014- 2016.**

- Director de proiect Prof. Dr. Serban Țovaru **Prof. Dr. I.Patrascu**.

2.. Contract UEFISCDI 31/2014,Parteneri: U.P.Buc. si U.M.F „Carol Davila”
„Aplicație pentru utilizarea algoritmilor de extragere de cunoștințe imagistice și
modelare 3D în practica dentară”începând cu data de 01.07.2014 pana la 30.06.2016.
Director proiect : Prof. Dr. Ion Pătrașcu.

La toate aceste programe am fost director de program din partea UMF
„Carol Davila”

➤ **I.Lista lucrărilor științifice publicate in extenso(in ultimii 5ani)**

➤ (reviste editate în lb. engleză: ISI, WebThompson, ISBN:2013 -2016).

1. E. Gatin, C. Luculescu, R. Birjega, L. Ciobanu, **I. Patrascu**, ‘Alumina versus Zirconia comparative survey of thermic influence during dental ceramic core manufacturing process’,

Particulate Science and Technology,(USA) vol. 31 (2), pg. 189 – 196, 2013.

2. Gatin, E , Luculescu C., lordache S., Patrascu I., ‘Morphological investigation by AFM of dental ceramics under thermal

processing’, *JOAM* vol. 15 (9-10), 1136 – 1141, 2013.

3. Ionescu C. **Patrascu I.** Attachment systems for mandibular implant overdentures: a three dimensional finite element anlysis for the spherical blunt-elliptical matrix, *Metalurgia international* vol.XVIII Special Issue no.8 (2013), ISSN 1582-2214, pg.21-30, indexata EBSCO, PRO-QUEST.

4. Ilici R.R., Sfeatcu R, Didilescu A., Gatin E., **Patrascu I.** ‘1 – Year Clinical Evaluation of a SONIC – Activated Bulk Fill Composite System’, Clin Oral Invest 17 (3), 1055, 2013.

5. Cara R.R, Nicola C, Prejmerean C, Sava S, Baciut G, Bran S, Bondor C, Prodan D, Moldovan M,Buruiana T, **Patrascu I**,
Influence of Bis-GMA Derivative Monomer-Based ParticulateComposite Resins on the Cuspal Deformation and Microleakage of Restored Teeth

- Particulate Science and Technology(USA): **An International Journal, 28:3, 191-206, (2013)**

6. Ionescu C., Cristache Corina Marilena, **Patrascu Ion.**, Improving Characteristics of Overdentures Attachments with the Use of Numerical Simulation, Research Article, IBIMA PUBLISHING, JMED RESEARCH, Vol. **2014 (2014)**, Article ID 949145, 11 pages, ISSN 2333-2395; revista indexata EBSCO;
<http://www.ibimapublishing.com/journals/JMED/jmed.html>

7. „Fracture resistance in fiber reinforced composite restorations – an in vitro study” F. Calburean, B.M. Galbinașu, R. Cara-Ilici, **I. Pătrașcu**. (în engleză) Publicat in JMED Research(USA), Vol. **2014 (2014)**, Article ID 669406, DOI 10.5171/2014.669406

8. „Implant overdenture and Locator system in edentulous patient with severely resorbed mandible – a case report”, C. Ionescu, B.M. Gălbinașu, H. Manolea, **I. Pătrașcu**, (în engleză) Publicat in Romanian Journal of Morphology and Embryology **2014**, vol. 55, nr. 2 supl: 693-696

9. The effects of PRF (platelets rich in fibrin) on bone marrow maturing in periodontal bone defect 2014/, Rev.Rom. de Mat, Authors:
S. Stroe¹, V. Naicu², , **I. Patrascu**³ /, Rev.Rom. de Mat. 2014.

10. EDAX ratings on newly formed bone biomineralization. Authors:
S.Stroe¹, V.Vasilescu², C.Calin³, **I.Patrascu**⁴, / Rev.Rom.Mat,2014.

11. R. SFEATCU , C. LUCULESCU, L. Ciobanu, A. BALAN, E. GATIN , **I. PATRASCU** ,

"Dental enamel quality and black tooth stain. A new approach and explanation by using Raman and AFM techniques", Particulate Science and Technology(USA):vol 33 (3), 2015 ,

B. ARTICOLE PUBLICATE cu DOCTORANZII, 2013-2016.

1. Christian Marmandiu, Christos Gianarakis, Vlad Gabriel Vasilescu, **Ion Patrascu**, Elisabeta Vasilescu, Osseointegration of Dental Implants: a Chance for Diabetic Patients - Systematic Review of the Literature. *Analele Universității "Dunărea de jos" din Galați, Fascicula XVII, Medicină Jurnalul oficial al Facultatii de Medicina si Farmacie, Galati no.2 /2013,*
pag.117/122.

2. Sorina Stroe, Vlad Vasilescu, Claudiu Calin, **Ion Patrascu**, *SEM and Evaluations on the Biomaterialization of Newly-Formed Bone Tissue*, Romanian Journal of Materials, **2014**, **44** (2), pag. 195-203

3. Vlad Gabriel Vasilescu., **Ion Patrascu**, Elisabeta Vasilescu, *Studies and Research Regarding the Influence of Metallurgical Processing on the Structure and properties of Some Titanium Based Alloys used in Dentistry*, The Annals of “Dunarea de Jos” University of Galati. Fascicle IX. Metallurgy and Materials Science , Special Issue/**2014**, ISSN 1453 – 083X, pag.32

4. Vasilescu Vlad Gabriel., **Patrascu Ion**, Vasilescu Elisabeta, *Studies and Research Regarding the Influence of Metallurgical Processing on the Structure and Properties of some Titanium Based Alloys Used in Dentistry*, The VIth Edition of International Conference UGALMAT **2014**, Advanced Technologies and Material Section, May 29-31, Dunărea de Jos” University of Galati Romania

5. Vlad Gabriel Vasilescu, Miruna Silvia Stan, **Ion Patrascu**, Anca Dinischiotu, Elisabeta Vasilescu , *In Vitro Testing of Materials Biocompatibility with Controlled Chemical Composition*, Romanian Journal of Materials, **2015**, **45** (4), pag. 315-323

6. C. Coman, C. Calin, **I. Patrascu**, EVALUATION OF A BONE REGENERATION EXPERIMENTAL MODEL OF THE UPPER JAW RABBIT, *Revista Romana de Medicina Veterinara*, **2015**; 25(2): 17-223

7. A.Păun, R. Stanciu, **I. Pătrașcu** - “Skeletal Anchorage in Orthodontic Treatment of a Class II Malocclusion” (In English), Romanian Journal of Oral Rehabilitation, Vol. 7, No. 1, pg. 113-117, **2015**, e-ISSN 2066-7000, Index Copernicus, CNCSIS B+

8. Vlad Gabriel Vasilescu¹, **Ion Patrascu**¹, Cosmin Cotrut², Elisabeta Vasilescu³, *Experimental Research on the Behavior of the Alloy Ti10Zr in Environments Simulating Oral Environment*, REV.CHIM.(Bucharest)/ **67**/No.2/**2016**, p.263

9. Elisabeta Vasilescu¹, Vlad Gabriel Vasilescu², **Ion Patrascu**², *Controlled Changing of Implantable Bioinert Materials Biosurface*, Romanian Journal of Materials, **2016**, **46** (1). pag.11-16

10. Claudiu Calin, **Ion Patrascu**, Growth factors and beta-tricalcium phosphate in the treatment of periodontal intraosseous defects: A systematic review and meta- analysis of randomised controlled trials, *Archives of Oral Biology*, **2016**, **66**: 44-54.

11. Monica Oprea, Simona Constantin, Claudiu Calin, **Ion Patrascu**, **OSTEOINTEGRAREA IMPLANTURILOR DIN TI-ZN - O NOUA PERSPECTIVA IN IMPLANTOLOGIA ORALA**, *Revista romana de stomatologie*, **2016**; LXII(2), 65-68.

12. Monica Oprea, Simona Constantin, Claudiu Calin, **Ion Patrascu**, **BIOCOMPATIBILITATEA TI ALIAT UTILIZAT IN RESTAURARI ORALE COMPLEXE**, *Revista romana de stomatologie*, **2016**; LXII(2), 60-64.

13. A.Păun, R.R. Ilici, **I. Pătrașcu**, P. Perlea – Influența tratamentului de suprafață asupra stabilității mini-implanturilor ortodontice, *Revista Română de Stomatologie*, LXII(4), **2016**, pg. 190-194; ISSN 1843-0805, e-ISSN 2069-6078, CNCSIS B+

ARTICOLE ISI/ BDI, ACEPTATE SI PUBLICATE- 2018.

E. Vasilescu , V. G. Vasilescu□ , **I.Patrascu** , B.M. Galbinasu

„Cercetari privind Legatura Metal – Ceramica in Restaurari Protetice cu Componenta Metalica din Titan si Aliaje de Titan”(RESEARCHES REGARDING THE METALO - CERAMIC BONDING IN PROSTHETIC RESTORATIONS WITH TITAN AND TITAN ALLOYS METALLIC COMPONENT), *Revista Română de Materiale / Romanian Journal of Materials*, ISI, 2018, 48 (2), 39 – 44 1.

ARTICOLE BDI- 2018

1.B.M. Galbinasu,R. Ilici G.Vasilescu **I. Patrascu**

„ **BASIC ASPECTS OF ADHESION IN DENTAL STRUCTURES**”,

Romanian Journal of Oral Rehabilitation, Vol.10, No.3 , July-September, 2018.

2. I. Patrascu, R. Ilici, B.M. Galbinasu

„**IN VITRO EVALUATION OF THE INFLUENCE OF CONTRACTION STRENGTH IN POLYMERIZATION OF RESTAURATIVE COMPOSITES ON ADHESIVE CAPACITY OF**

ADAPTION SYSTEMS”, *Romanian Journal of Oral Rehabilitation*, Vol.10, No.3 , July-September, 2018.

3..B. M.Gălbinașu, G.Tulus2, **I.Patrascu**, L.M.Nica,

„**Endodontic treatment of mandibular incisors with an atypical anatomy**”,

, *Revista Româna de Stomatologie – Volumul LXIV, NR. 3, An 2018*. pag. 155-161.

4. B. M.Gălbinașu, L.M. Nica3, **I. Pătrașcu**, G. Tulus

„Morphological features and endodontic treatment in taurodontism”

Revista Româna de Stomatologie – Volumul LXIV, NR. 3, An 2018, pag.167-171.

5. Bogdan Mihai Gălbinașu, Andrei Iulian Pacuraru, **Ion Pătrașcu**

„COMPARATIVE STUDY ON DIGITAL AND ANALOG IMPRESSION USING ADDITION SILICONE,

Revista Româna de stomatologie – Volumul LXIV, NR. 4, An 2018.”

6. Bogdan Mihai Gălbinașu, Teodor Alexandru Păunescu, Mihai Ghiță, **Ion Pătrașcu**

„MODERN ADHESIVE SYSTEMS. COMPARATIVE STUDY ON ADHESION TO HARD DENTAL TISSUES” Revista Româna de Stomatologie – Volumul LXIV, NR. 4, An 2018.

PUBLICATII 2019/ 2020

.1.Eficiența sistemelor speciale în retențiasupraprotezelor pe implanturi

Efficiency of the special systems regarding the overdentures retention on implants

Bogdan Mihai Gălbinașu, . Vlad Vasilescu **Ion Pătrașcu.**

Ro J Stomatol. **2019**;65(3) DOI: 10.37897/RJS.2019.3.6 / **ARTICOL BDI**

International Conference on Innovative Research - ICIR EUROINVENT 2019 International Conference on Innovative Research - ICIR EUROINVENT 2019

2.Effects of the chemical composition on the microstructural

characteristics of Ti-Nb-Ta-Zr alloys / ARTICOL ISI

S Tudoran¹, I Voiculescu^{2*}, V Geantă², P Vizureanu³, I Mârza Roșca⁴,

I Pătrașcu¹, B M Gălbinașu¹ and R Ciocoiu²

¹ Carol Davila University of Medicine and Pharmacy, 8 Eroii Sanitari Blvd. 050474 Bucharest, Romania

² Politehnica University of Bucharest, 313 Splaiul Independentei 060042 Bucharest, Romania

³ Gheorghe Asachi Technical University of Iasi, 67 Dimitrie Mangeron Blvd. 700050, Iasi, Romania

⁴ University of Las Palmas de Gran Canaria, Calle Juan de Quesada, 30, 35001 Las Palmas de Gran Canaria, Las Palmas, Spain

3.Studiu asupra calității adeziunii în cazul cavităților clasa a V-a

Study on the quality of adhesion in the case of 5th class cavities.

. Bogdan Mihai Gălbinașu¹, Vlad-Cristian Grigore², Andreea-Nicoleta Ghiță³,

Lucian Toma Ciocan¹, . Ioan Dorobanțu⁴, **Ion Pătrașcu**¹

Romanian Journal of Stomatology – Volume LXVI, No. 3, Year 2020

: Ro J Stomatol. 2020;66(3) DOI: 10.37897/RJS.2020.3.5' **ARTICOL BDI**

4.Studiu asupra stabilității dimensionale a materialelor de amprentă moderne

Study on the dimensional stability of modern impression materials

. Bogdan Mihai Gălbinașu¹, . Marin-Lucian Dragason², Vlad-Cristian Grigore³,
Lucian Toma Ciocan¹, **Ion Pătrașcu**,

¹ Catedra de Tehnologia Protezelor și Materiale Dentare, Facultatea de Medicină

Romanian Journal of Stomatology 200 – Volume LXVI, No. 3, Year 2020

: Ro J Stomatol. 2020;66(3) DOI: 10.37897/RJS.2020.3.8, **ARTICOL BDI**

5. RESEARCH ON THE BEHAVIOR OF EXPERIMENTAL TITANIUM ALLOYS IN METAL-CERAMIC PROSTHETIC RESTORATIONS

Authors: Vlad Gabriel Vasilescu*, Ștefan Tudoran*, **Ion Pătrașcu***, Lucian Toma Ciocan*,
Elisabeta Vasilescu*

Affiliation: (*) "Carol Davila" University of Medicine and Pharmacy, Bucharest, Faculty of Dentistry, Romania

(**) "Dunărea de Jos" University of Galați, Faculty of Engineering, Romania

The [Journal of Adhesion Science and Technology](#), Depus in 15.XI.2020/ apare in 2021.. **ARTICOL ISI-
neaparat.**

Teze de Doctorat- An.Univ. 2013/2014:

Am finalizat 5(5) teze doctorat cu urmatoarele titluri:

1.,2013/Considerații clinico-tehnice privind restaurările protetice pe implante"

Doctorand: Dr. Christian Marmandiu

2.2013/„NOI CONSIDERAȚII CLINICO-TEHNICE PRIVIND PROTEZAREA MODERNĂ A EDENTAȚIEI MANDIBULARE CLASA I KENNEDY"

Doctorand: As. dr. Dragoș-Corneliu Smărăndescu

Conducator științific: Prof. Dr. Ion Pătrașcu

3.2014/„Utilizarea biomaterialelor de aditie in reabilitarea defectelor osoase parodontale”.

Doctorand: dr. Sorina Stroe

Conducator stiintific: Prof.univ. dr. ing. ECATERINA ANDRONESCU

Prof.univ. dr. ION PATRASCU

4. 2014/„*Studiul practicii medicale dentare din perspectivă ergonomică – economică*”

Doctorand dr. Cristina Florentina Pîrvu

5.2014/„ Studii de interfata privind legatura metalo-ceramica la aliajele nenobile”

Doctorand: .dr. Giannarakis Christos.

Conducator stiintific: Prof.univ. dr. ION PATRASCU

- An.Univ. 2015/2016:2 teze de doctorat:

1. 2016/ „ Contributii la studiul materialelor metalice biocompatibile pentru implantologia orala”

Doctorand: dr.Vlad Vasilescu Conducator stiintific: Prof.univ. dr. ION PATRASCU

2/ .2016/ „ Studii privind evolutia resorbtiei osoase in terapia protetica restaurativa pe implanturi dentare

Doctorand: dr.Catalin Andrei

Conducator stiintific:

Prof.univ. dr. ION PATRASCU

Aparitii Editoriale :

Capitole in carti editate de edituri internationale

:(1 capitol in edituri internationale echivalent/cotat cu o monografie nationala)

1. Modern Methods for Assessing the Corrosion Resistance of Dental Alloys Used in Dentistry, pag. 171-181.2014, Editura Intech,Rijeka,Croatia.

Author(s) Name(s): **Ion Patrascu**, Vlad Gabriel Vasilescu and Stefan Milicescu.

2. CORROSION OF BIOMATERIALS USED IN DENTAL RECONSTRUCTION DENTISTRY , pag.633 – 659.2014., Editura Intech, Rijeka,Croatia.

Author(s) Name(s): **I. Patrascu**, E. Vasilescu, E. Gatin, R. Cara-Ilici (ambele capitole au fost accesate de 400 de cititori internationali/capitol.vezi anexa).

3. Cap.24,Tehnicile Adezive in Stomatologia Estetica.- ESTETICA DENTARA,Ed.QUINTENSETZ,Berlin,2014

Author(s)Name(s)C. Varlan, B.Galbinasu, **I. Patrascu**.

Brevete de Inventie

Sunt coator la cinci brevete de inventie(5), elabotate in perioada 2001-2009; . **BREVETE INVENȚII : 5 brevete.**

1. Nickel-based alloy fordental prostheses and process for obtaining it.

Authors: Gurgu C-tin. Surcel John, **Ion Patrascu** nr.cerere patentcommercially S00115/31.01.2001, „**NICROMAL/S**”.

2. Process for dentalalloys Molybdenum Ni-Cr system.

Authors: Julia George, **Patrascu Ion** no. patent application: AOO127/7.02.2000 commercial product;, **MINICROM**”

3. Dental alloys based on cobalt-use technology dentures.

Authors: Julia Gheorghe, **Ion Patrascu** nr.cerere patent:a00855/7.02.2000 commercial product; „**MICOCROM**”- published in b.o.p.i. nr.8/2001 and b.o.p.i. no. 10/2001 of OSIM.

4. Installation for testing mixed cohesion for dental materials. Patent No. Title. 122 801

on23.06.2006, Awarded by the State Office for Inventions and Trademarks, underlegiiNr. 64/1991. No.OSIM registration:’A/00486/23.06.2006.

5.In anul 2015 am depus documentatia la institutia abilitata OSIM pentru un NOU BREVET cu urmatorul titlu: „ ALIAJ CU INALTA BIOCOMPATIBILITATE PENTRU IMPLANTURI DENTARE” Cerere Brevet Inventie Nr.41099/ 10.XI.2015.

Autori: Prof. I. Patrascu, prof. E. Vasilescu, V. Vasilescu, finalizat in 28.06.2019.

ANNEXES European Union, 2002-2014 |

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