

DATE PERSONALE Jenel Marian PĂTRAȘCU

EXPERIENTA PROFE

2013 – Prezent	Seful Clinicii II Ortopedie si Traumatologie Spitalul Clinic Judetean de Urgenta "Pius Brinzeu" Timisoara(Romania)
2003 –Present	Medic primar ortopedie - traumatologie Spitalul Clinic Judetean de Urgenta "Pius Brinzeu" Timisoara(Romania)
1998 – 2003	Medic specialist ortopedie - traumatologie Spitalul Clinic Judetean de Urgenta "Pius Brinzeu" Timisoara(Romania)
1993 – 1998	Medic rezident ortopedie - traumatologie Spitalul Clinic Judetean de Urgenta "Pius Brinzeu" Timisoara(Romania)
2017 - Prezent	Coordonator doctorat Universitatea de Medicina si Farmacie "Victor Babes" Timișoara
2015 –Prezent	Profesor universitar Universitatea de Medicina si Farmacie "Victor Babes" Timișoara
2011 –2015	Conferentiar si Sef de Departament Universitatea de Medicina si Farmacie "Victor Babes" Timișoara; Departamentul de Ortopedie, Urologie si Radiologie, Timișoara (Romania)
2004 –2011	Sef de lucrari Universitatea de Medicina si Farmacie "Victor Babes" Timișoara
	Asistent Universitar Universitatea de Medicina si Farmacie "Victor Babes" Timișoara
1995 – 2004	
	Asistent debutant Universitatea de Medicina si Farmacie "Victor Babes" Timisoara
1994 – 1995	

EDUCATION AND TRAINING

1998 – 2003	Doctor in medicina Ministerul Educatiei (Decret M.E.C.T. 5663/2003 Universitatea de Medicina si Farmacie "Victor Babes" Timișoara Teza de doctorat "Studiul clinic si morfopatologic al rupturilor subcutanate ale Tendonului Achille"
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1997 – Present

Cursuri de formare profesionala

London, Leeds, Bradford - England; Pecs, Budapest - Hungary; Heidelberg, Berlin - Germany; Graz, Vienna - Austria.

Temele cursurilor:

- Artroscopie;
- Chirurgia minim invaziva;
- Artroplastia soldului si a genunchiului;
- Microchirurgie, Chirurgie plastica si reparatorie

1981 – 1985

Colegiul Național "C.D. Loga" Timișoara

APTITUDINI

Limba nativa Romana

Limbi straine

	INTELEGERE		VORBIRE		SCRIS
	Ascultare	Citire	Comunicare scrisa	Comunicare vorbita	
French	C2	C2	B2	B2	B2
English	B1	B1	B1	B1	B1
Serbian	C2	C2	B2	B2	B2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
[Common European Framework of Reference for Languages](#)

Aptitudini de comunicare

Foarte bune aptitudini de comunicare si socializare dobandite prin participarea la urmatoarele organizatii

- Membru fondator ASORIS (Romanian-Italian-Hispanic Orthopedic Society);
- Membru fondator AIOD;
- Membru Rotary Club Timișoara;
- Fost presedinte Rotary Club Timișoara;
- Membru Rotary Club International;
- Membru redactiei "Physical Education and Rehabilitation Journal" - ISSN 2065-0574.

Aptitudini organizationale si manageriale

Foarte bune aptitudini oranzionale si manageriale obtinute de-a lungul carierei ca :

- Seful Departamentului de Relatii Internationale SOROT (Romanian Orthopedics and Traumatology Society);
- Director adjunct ASORIS (Romanian-Italian-Hispanic Orthopedic Society);
- Sef al Departamentului de Ortopedie, Urologie si Radiologie, Timișoara (Romania);
- Seful Clinicii II Ortopedie si Traumatologie, Spitalul Clinic Judetean de Urgenta "Pius Brinzeu" Timisoara(Romania)
- Reviewer pentru:
 - o "The American Journal of Sports Medicine (AJSM)" - ISSN0363-5465;
 - o "Journal of Tissue Engineering and regenerative Medicine" - ISSN1932-6254.

Aptitudini profesionale

Director de curs la 12th Masters Course in Knee & Hip Arthroplasty – Meril Academy,India

Trainer al Cursului international de chirurgie a umarului

Licenta de Medic specialist in Dubai

Trainer International LARS (Ligament Augmentation and Reconstruction System)

Fondator al Centrului de excelenta in trainingul LARS in Clinica II Ortopedie si Traumatologie, Spitalul Clinic Judetean de Urgenta Timisoara(Romania)

Interventii chirurgicale in premiera nationala sau regionala:

-Prima artroplastie de umar in Timisoara
- Abord anterior minim invaziv in artroplastia totala de sold
- Prima artroscopie in cadrul Clinicii II Ortopedie si Traumatologie -Timișoara 1996
- Transplant de cartilaj cu HyalograftC –premiera nationala, 2005

- Transplant de Cartilaj cu Chondrotissue (matrice de collagen) – Premiera Nationala, 2005
- Ligametoplastia LIA cu LARS – premiera nationala, 2006;
- Ligamentoplastia LIA cu allograft – premiera nationala, 2010;
- Osteosinteza metalica cu cui GAMMA – premiera regionala;
- Utilizarea LARS ca metoda de ligamentoplastie in rupturile LIP – premiera nationala
- Utilizarea LARS ca metoda de ligamentoplastie in leziunile LCE si a “posterior corner” – premiera nationala;
- Utilizarea ligamentului artificial LARS in rupturile tendonului Achille – premiera national;
- Utilizarea ligamentului artificial LARS in repararea ligamentului acromioclavicular la nivelul humerusului – premiera nationala;
- artroplastia totala de sold cu endoproteza ceramica –premiera nationala;
- Tratamentul artroscopic al leziunilor humerale – premiera nationala;
- Tratamentul artroscopic al leziunilor de glezna – premiera nationala;
- Sinovectomia artroscopica a genunchiului la pacientii hemofilici – premiera nationala;
- artroplastia totala de sold a pacientilor hemofilici – premiera regionala;

Doua noi metode de diagnostic:

- Artroscopia in scop diagnostic a leziunilor humerale;
- Artroscopia in scop diagnostic a leziunilor de glezna

Peste 15000 de interventii chirurgicale efectuate in tara si in strainatate

Aptitudini informatice Foarte buna cunoastere a aplicatiilor Microsoft Office

INFORMATII ADITIONALE

Membru al urmatoarelor societati:

ICRS (International Cartilage Repair Society)

SICOT (Société Internationale de Chirurgie Orthopédique et de Traumatologie)

ISAKOS (International Society of Arthroscopy, Knee Surgery and orthopedic Sports Medicine)

AAOS (American Academy of Orthopaedic Surgeons)

AOLF

EFORT (European Federation of National Associations of Orthopaedics and Traumatology)

SOROT (Societatea Romana de Ortopedie si Traumatologie)

ASORIS (Romanian-Italian-Hispanic Orthopedic Society)

Societatea Romana de Reumatologie

Societatea Romana de Microchirurgie, Chirurgie Plastica si Reparatrice

Societatea Romana de Artroscopie

Societatea Internationala de Chirurgie Osteoarticulara

Activitate științifică și Cercetare

Organizator de cursuri si WorkShop-uri National si International

- Lector Invitat la Conferinte Nationale si Internationale
- Interventii Chirurgicale in Premiera Nationala sau Regionala
- Investigator principal la 2 Studii Clinice Multicentrice
- CoInvestigator la 9 Studii Clinice Multicentrice
- Colaborator la 1 Grant International

Director partener național în 1 proiect internațional "Re.Me.Pro- Regenerative Medicine Products for the Treatment of Skin and Cartilage Lesions"

Finantat de catre TransTissue Technologies GmbH valoarea finantarii 20.000 euro

Director 2 grant-uri nationale

-**"Studiu de cercetare privind efectul aseptice si antiseptice al produsului Quasiderm Desinfect asupra plagilor posttraumatice in conditii de urgenta si igiena precara"**

Finantator Titus&Sons SRL, valoarea finantarii 18000 Ron si

-**"Studiu de cercetare al produsului Quasiderm Protector privind impactul asupra pielii in urma contactului cu produse de desinfectare a pielii inaintea si dupa actul medical"** Finantator Biotifarmamed valoarea finantarii 16500 Ron

Membru in proiect de cercetare nationala:

CEEX 70 "METODE INOVATIVE DE BIO-ORTOPEDIE PENTRU RECONSTRUCTIA ARTICULARA (BIOART)" 1 500 000 lei

Ca urmare a acestui Grant am publicat doua articole in reviste ISI cu factor de impact Patrascu, JM, Freymann, U, Kaps, C, Poenaru, DV,

Repair of a post-traumatic cartilage defect with a cell-free polymer-based cartilage implant
FOLLOW-UP AT TWO YEARS BY MRI AND HISTOLOGICAL REVIEW,
Journal of bone and joint surgery-British volume,2010,Vol.92B,pag.1160-1163

Jenel M. Patrascu, Jan Philipp Kruger, Hademar G. Boss, Anna-Katharina Ketzmar, Undi Freymann, Michael Sittinger, Michael Notter, Michaela Endres, Christian Kaps

- Polyglycolic acid-hyaluronan scaffolds loaded with bone marrow-derived mesenchymal stem cells show chondrogenic differentiation in vitro and cartilage repair in the rabbit model,

Journal of Biomedical Materials Research Part B: Applied Biomaterials,2013,Vol.101,Issue 7,pag.1310-1320

Membru in proiect de cercetare nationala PN II 175/2011 Reducerea emisiilor de nanoparticule prin optimizarea procesului de filtrare a gazelor reziduale de ardere , cu Universitatea de Vest Timisoara

Detin 1 brevet national "Dispozitiv electronic pentru monitorizarea continua a frecventei respiratorii"

- Din anul 2002 am introdus in Clinica II Ortopedie in premiera nationala si am inceput sa utilizez tehnica transplantului autolog de condrocite pe suport solid tridimensional (Hyaff-11) – Hyalograft C pentru leziunile cartilaginoase ale genunchiului.

- De asemenea am obtinut un certificat de excelenta - Certificate of Excellence for trainer for application of LARS Ligament Advanced Reinforcement System)
 - Viena, Austria in 2006.
- Licenta de Medic Primar Ortoped – Dubai – Emiratele Arabe Unite
- In perioada 2007-200 am fost Sef de Departament Ortopedie in Belhoul Hospital Dubai .
- Incepand cu martie 2010 am obtinut un certificat -
- Certiificate of International Trainer for BioSeed®-C and chondrotissue® biological joint cartilage treatment solution-
- pentru refacerea defectelor cartilajinoase ale genunchiului.
- Introducerea in Timisoara a Sistemului de navigatie Stryker pentru artroplastiile totale de genunchi si sold
- Lucrarea Polyglycolic acid-hyaluronan scaffolds loaded with bone marrow-derived mesenchymal stem cells show chondrogenic differentiation in vitro and cartilage repair in the rabbit model, publicata in Journal of Biomedical Materials Research Part B: Applied Biomaterials,2013,Vol.101,Issue 7,pag.1310-1320,a fost premiata national in 2015
- Sunt autor si coautor a peste 90 de lucrari si prezentari orale in tara si strainatate, am 24 citari in reviste ISI si BDI

Am publicat o serie de articole in reviste cotate ISI si BDI:

1. Dan G. Cojocaru,Sylvia Hondke ,Jan P. Krüger ,Claudia Bosch,Cristian Croicu ,Sorin Florescu, Adrian Lazarescu, Jenel-Marian Patrascu Jr., Jenel-Marian Patrascu ,Martin Dauner ,Götz T. Gresser, Michaela Endres - **Meniscus-shaped cell-free polyglycolic acid scaffold for meniscal repair in a sheep model** - J Biomed Mater Res B Appl Biomater. 2019 Jun 21. doi: 10.1002/jbm.b.34435(IF:2.67)
2. Margit Serban, Dan Vasile Poenaru, Jenel Marian Patrascu, Ladislau Ritli, Eugen Boia, Delia Maria Mihailov, Cristina Emilia Ursu, Delia Savescu, Ioana Ionita, Adina Traila, Simona Cerbu, Estera Boeriu, Cristian Jinca, Wolfgang Schramm, Smaranda Arghirescu - **Current Trend of Invasive Orthopaedic Interventions for People with Haemophilia in Romania: Single Centre Experience** - Hamostaseologie ,DOI: 10.1055/s-0039-1677884,Issue S 01 · Volume 39 · February 2019 (IF:1.34)
3. Haragus H1, Prejbeanu R1, Patrascu J1, Faur C1, Roman M2, Melinte R3, Timar B4, Codorean I5, Stetson W6, Marra G - **Cross-cultural adaptation and validation of the Romanian Oxford Shoulder Score** - Medicine (Baltimore). 2018 Jun; 97(23): e10926.(IF:0.92)
4. POMPILIU HORATIU PETRESCU1), DANA CRISTINA BRATU2), MARIUS OCTAVIAN PRICOP3, DELIA MIRA BERCEANU-VADUVA4), MARCEL-MIHAI BERCEANU-VADUVA1), JENEL MARIAN PATRASCU1), VENERA MARGARETA BUCUR5), GABRIEL OVIDIU DINU6), DORELA CODRUTA LAZUREANU7 - **Clinical and morphological aspects of lateral femoral condyle status after an osteochondral fracture. A case report** - Rom J Morphol Embryol 2018, 59(4):1293–1297(IF:1.38)
5. LINA MARIA SISU1, GHEORGHE NODIT2*, DAN GRIGORESCU3*, SORIN FLORESCU4, JENEL MARIAN PATRASCU4,JENEL MARIAN PATRASCU JR.5*, ELENA POP1, SORIN LUCIAN BOLINTINEANU1 - **The benefits of the plastination techniques for the anatomo clinical studies of ankle joint ligaments injuries** - MATERIALE PLASTICE ♦54♦No. 3 ♦2017(IF:1.24)

6. E. Pop, G. Stancu, M.A. Vaida, A.M. Sisu, Jenel Marian Patrascu, S. Florescu - **Anatomical structures preservation using plastination techniques** - MATERIALE PLASTICE 54(2):221-224 · June 2017 (IF: 1.24)
7. Margit Șerban^{1,*}, Dan Poenaru², Laura Cernat³, Delia Savescu³, Jenel Pătrașcu⁴, Wolfgang Schramm⁵, Emilia Ursu³, Delia Mihailov⁴, Cristian Jinca⁴, Ioana Ioniță⁴, Smaranda Arghirescu⁴ - **Global clotting assays - monitoring the effect of by-passing agents in haemophilia patients with inhibitors** - Revista Română de Medicină de Laborator Vol. 25, Nr. 2, Aprilie, 2017 135 ,DOI: 10.1515/rrlm-2017-0011 (IF: 0.40)
8. Serban M, Mihailov D, Arghirescu S, Poenaru DV, Patrascu JM, Ursu CE, Diaconu A, Traila A, Jinca C. - **A cross-sectional analysis of joint status and quality of life in children and adolescents with haemophilia in Romania** - Hamostaseologie. 2017;37(S 01):S5-S8. doi: 10.5482/HAMO-17-01-0007. Epub 2017 Dec 28. (IF: 1.34)
9. Bogdan Andor,¹ Corina Danciu,² Ersilia Alexa,³ Istvan Zupko,⁴ Elena Hoge,⁵ Andreea Cioca,⁶ Dorina Coricovac,⁷ Iulia Pinzaru,⁷ Jenel Marian Patrascu,¹ Marius Mioc,⁸ Romeo Teodor Cristina,⁹ Codruta Soica,⁸ and Cristina Dehelean⁷ - **Germinated and Ungerminated Seeds Extract from Two Lupinus Species: Biological Compounds Characterization and In Vitro and In Vivo Evaluations** - Hindawi Publishing Corporation Evidence-Based Complementary and Alternative Medicine Volume 2016, Article ID 7638542, 8 pages <http://dx.doi.org/10.1155/2016/7638542> (IF: 2.01)
10. Elizaveta Kona, Dror Robinson, Peter Verdonk, Matej Drobni, Jenel Marian Patrascu, Oliver Dulic, Gordon Gavrilovic, Giuseppe Filardo - **A novel aragonite-based scaffold for osteochondral regeneration: early experience on human implants and technical developments** – Injury Volume 47, Supplement 6, December 2016, Pages S27-S32 (IF: 2.199)
11. Patrascu, J; Freymann, U; Kaps, C; Poenaru, DV - **Repair of a post-traumatic cartilage defect with a cell-free polymer-based cartilage implant A FOLLOW-UP AT TWO YEARS BY MRI AND HISTOLOGICAL REVIEW-** Journal of bone and joint surgery-British volume, 2010, Vol. 92B, pag. 1160-1163 (impact factor: 2.35)
12. Jenel M. Patrascu, Jan Philipp Kruger, Hademar G. Boss, Anna-Katharina Ketzmar, Undine Freymann, Michael Sittinger, Michael Notter, Michaela Endres, Christian Kaps - **Polyglycolic acid-hyaluronan scaffolds loaded with bone marrow-derived mesenchymal stem cells show chondrogenic differentiation *in vitro* and cartilage repair in the rabbit model-** Journal of Biomedical Materials Research Part B: Applied Biomaterials, 2013, Vol. 101, Issue 7, pag. 1310-1320 (impact factor: 2.328)
13. Jenel Marian Patrascu, Ioan Avram Nedelcu, Maria Sonmez, Denisa Ficai, Anton Ficai, Bogdan Stefan Vasile, Camelia Ungureanu, Madalina Georgiana Albu, Bogdan Andor, Ecaterina Andronescu, Laura Cristina Rusu - **Composite Scaffolds Based on Silver Nanoparticles for Biomedical Applications**, Journal of Nanomaterials vol 2015, Article ID: 587989, 8 pages (impact factor: 1.644)
14. M. Serban, D. Poenaru, J. Patrascu, E. Ursu, D. Savescu, H. Ionita, C. Jinca, L. Pop, S. Talpos-Niculescu, L. Ritli, S. Arghirescu, D. Mihailov, W. Schramm - **Risks and challenges of orthopaedic invasive interventions in haemophilia in a low-resource country** - Hamostaseologie, 2014, 4a (impact factor: 1.589)
15. Mugurel Constantin Rusu, Alexandra Diana Vrapciu, Jenel Marian Patrascu - **Variable relations of the trochlear nerve with the pontomesencephalic segment of the superior cerebellar artery** - Surg Radiol Anat, september 2014 (impact factor: 1.333)
16. Dan V. Poenaru, Diana Andrei Popa, Jenel Marian Patrascu, Bogdan Andor, Manuel Oprea, Elena Amaricai - **Physical therapy and functional rehabilitation in patients with haemophilic arthropathy surgically treated** - HUMAN/Journal for interdisciplinary studies, July 2016. ISSN: 2232-9935, 2232-996X, IF: 1.224

17. P.Flace,G. Laiso,D. Vermesan,V. Benagiano,G. Ambrosi,A. Abbinante,M. Tatullo,A. Bizzoca,G. Gennarini,M. Tattoli,M. Caprio,G. De Pergola,R. Sabatini,A. Gagliardi,A. Tarullo,M.L. Mioc,R. Cagiano,J.M. Patrascu - **Neurobehavioral studies, in transgenic F3/CONTACTIN (C57BL/6J x CBA) mice, on cognitive and anxiety aspects during late-adolescent period** - European review for medical and Pharmacological sciences, 2014, Vol.18, pag.1638-1646(0.988)
18. J.M. Patrascu,D.Vermesan, M.L. Mioc,V. Lazureanu,S. Florescu,. Tarullo,M. Tatullo,A. Abbinante, M. Caprio,R. Cagiano,H. Haragus - **Musculo-skeletal tumors incidence and surgical treatment- A single center 5-year retrospective-** European review for medical and Pharmacological sciences, 2014, Vol.18,pag.3898-3901(impact factor: 0.988)
19. Jenel Marian Patrascu, Mihaela Amarandei, Karla Noemy Kun, Ovidiu Boruga, Alina Totorean,Bogdan Andor, Sorin Florescu - **Thermographic and microscopic evaluation of LARS knee ligament tearing** - Romanian Journal of Morphology & Embryology, 2014, Vol.55, pag.1231-1235(impact factor: 0.723)
20. JENEL MARIAN PATRASCU, RADU PREJBEANU, VOICHITA LAZUREANU, SIMONA NITESCU, HORIA HARAGUS, GRATIAN DAMIAN,DINU VERMESAN - **Selective Use of Low Dose Tranexamic Acid in Orthopedic Surgery** - Revista de chimie,66,nr.1,2015,pag129-130(impact factor: 0.677)
21. Jenel Patrascu,Ovidiu Bedreag,Marius Papurica,Marius Biris ,Oana Ancusa,Daniela Onetiu,Gabriela Vlase,Titus Vlase Dorel - **Compatibility of Ester-type Anesthetic Agents with two Polysaccharides** - Revista de Chimie, 2014, Nr.8,pag.921-924
22. Dan V. Poenaru, J.M. Patrascu, Bogdan Corneliu Andor, Iulian Popa - **Orthopaedic and surgical features in the management of patients with haemophilia** - European Journal of Orthopaedic Surgery&Traumatology, 2014, vol.24, Issue 5, pag.685-692
23. Jenel-Marian Patrascu, Mihaela Amarandei, Karla-Noemy Kun, Lorand Kun, Andrea Corvi, Liviu Marsavina - **Compression and Bending Tests in order to Evaluate the Use of Necuron for the Manufacturing of Transtibial Prostheses** - Revista de mase plastice, 2014, Vol.3,pag 263-266
24. J.M. Patrascu, I. Popa, D.V. Poenaru - **Impact of the arthroscopic synovectomy over the knee functionality on haemophilic patients** - Archives of the Balkan Medical Union, 2014, vol.49, No.2,pag.168-170
25. Mihaela Amarandei, Lucian Bogdan,Paula Sfirloaga,Jenel Marian Patrascu,Eugen Busa - **Experimental research regarding the Breaking Force an Artificial Anterior Cruciate Ligament used in Orthopedics** - E-Health and Bioengineering Conference, EHB 2011
26. Mihaela Amarandei,Lucian Bogdan,Anghel Cernescu,Liviu Marsavina,Jenel Marian Patrascu, Dinu Vermesan - **Experimental Tests on Fine Nitinol Wires used in Medical Applications** - Solid State Phenomena, 2012, vol.188, pag.65-69
27. Dan V. Poenaru, J.M. Patrascu, Marghit Serban, Bogdan Andor, Diana Andrei - **Results in osteoarticular surgery of the haemophiliac patients** - Annals of Academy of Romanian Scientists,series:Medical Sciences,2013, vol.4, nr.1
28. Jenel Marian Patrascu,Lucian Bogdan,Cristian Nes,Agelica Enkelhardt,Nicolae Faur - **Bending-Rotation Tests of Niti Superelastic wires used in Medical Applications** - The 4th IEEE International Conference on E-Health and Bioengineering,EHB 2013
29. Lucian Bogdan, Cristian- Sorin Nes, Nicolae Faur, Angelica Enkelhardt, Carmen Sticlaru,Jenel Marian Patrascu - **Stress Distribution in an Artificial Cruciate Ligament during the Gait Cycle** - Key Engineering Materials, 2014, vol.601, pag.167-170
30. Lucian Bogdan,Nicolae Faur,Reanto Jorge Natal,Marco Parente Idmec,Jenel Marian Patrascu - **Nitinol Artificial Anterior Cruciate Ligament: A Finite Element Study** - The 4th IEEE International Conference on E-Health and Bioengineering,EHB 2013
31. Poenaru D.V,Serban M,Braneau I.L.,Patrascu J.M. - **Our experience with orthopedic surgery in hemophiliacs** - Srp Arh Celok Lek, 2006, mar-apr;134(3-4),pag.143-150
32. M. Ionac, Z.Crainiceanu, J.M.Patrascu, D.Bordos - **Microsurgical treatment of „old” osteomyelitis in the Lower extremity** - Proceedings of the Inaugural Congress of the World Society for Reconstructive Microsurgery

33. Cosmin Corneliu Pop, Jenel Marian Patrascu, Dan V. Poenaru - **Is Arthroscopy an appropriate surgical treatment procedure for knee osteoarthritis? A different clinical rating system and results** - Timisoara Medical Journal, 2005, vol.55, nr.2
34. Ioan L. Branea, Dan V. Poenaru, Margit Serban, Florin Birsasteanu, Jenel M. Patrascu - **The management of osteoarticular complications in haemophilia** - Timisoara Medical Journal, 2005, vol.55, nr.1
35. Virgil Paunescu, Dan V. Poenaru, Diana Herman, Dorina Tertiu, Diana Szilagyi, Erika Suciuc, Ramona Cioaca, Gabriela Tanasie, Ioana Ralucasiska, Carmen Bunu, Jenel M. Patrascu - **Isolation and culture of human chondrocytes for autologous transplantation** - Timisoara Medical Journal, 2004, vol.54, nr.1
36. B. Maciucean, L. Jiga, Al. Nistor, J. M. Patrascu, M. Ionac - **Chronic osteomyelitis of long bones** - Timisoara Medical Journal vol 55, nr 1, 2005
37. Radu Prejbeanu, Jenel Patrascu, Dan V Poenaru, Dinu Vermesan, Iulian Popa, Horia Haragus - **Cement Filling of Contained Defects from Bone Tumor Resections** - Key Engineering Materials, 614, pag 168-172, 2014
38. Estera Boeriu, Margit Serban, Bruno Neuner, Smaranda Teodora Arghirescu, Hortensia Ionita, Emilia Cristina Ursu, Ladislau Ritli, Serban Talpos, Cristian Jinca, Jenel Marian Patrascu - **Prothrombotic risk mutations and polymorphisms in patients with hemophilia A - a preliminary study** - Romanian Review of Laboratory Medicine, ISSN-L: 1841-6624
39. Vlad ALBULESCU¹, Cosmin SELEA², Ionut GALEA³, Cosmin FAUR⁴, Bogdan ANGLITOIU⁵, Jenel Marian PĂTRAȘCU⁶ - **RESULTS IN THE SURGICAL TREATMENT OF COMPLEX TIBIAL PLATEAU FRACTURES - 10-YEAR RETROSPECTIVE STUDY** - Research and Science Today, suppl. Supplement 1 1 (Jan 2015): 49-50
40. Mihaiela Andoni ; Jenel Marian Pătrașcu ; Cristina Adriana Dehelean ; Georgeta Maria Simu ; Codruța Șoica; Diana Antal ; Raluca Pop - **Comparisons Between Tridentate Bis(benzazoles)-pyridine and Bis(benzazoles)triazine Ligands: a Theoretical Study** - Croatica chemica acta, Vol.88 No.3 December 2015. ISSN: 1334-417X, 0011-1643, IF:0.732
41. LUCIAN BOGDAN, CRISTIAN - SORIN NES, DIANA DUCAN, JENEL MARIAN PATRASCU - **Experimental Compression Tests on Orthopedic Bone Cement used in Total Hip Replacement** - Revista de materiale Plastice, 52 , No. 1 , 2015, ISSN: 0025-5289, IF:0.50
42. MIHAELA VIOLETA GHICA¹, ANTON FICAI, ȘTEFANIA MARIN, MINODORA MARIN, ANA-MARIA ENE, JENEL MARIAN PĂTRAȘCU - **COMPOZITE PE BAZĂ DE COLAGEN/CERAMICĂ BIOACTIVĂ/DOXYCICLINĂ PENTRU DEFECTELE OSOASE COLLAGEN / BIOACTIVE GLASS CERAMIC / DOXYCYCLINE COMPOSITES FOR BONE DEFECTS** - Romanian Journal of Materials 2015, 45 (4), 307 – 314. ISSN 2457-502X, ISSN-L 1583-3186, IF:0.612
43. Cristian Sorin Nes, Lucian Bogdan, Jenel Marian Patrascu - **Experimental Tensile Tests on Bone Cement: Effect of Test Sample Shape** - Key Engineering Materials (Volume 665), pp. 29-32, 2016, IF:0.39
44. Jenel Patrascu, Ovidiu Bedreag, Marius Papurica, Marius Biris, Oana Ancusa, Daniela Onetiu, Gabriela Vlase, Titus Vlase, Dorel Sandesc - **Compatibility of Ester-type Anesthetic Agents with two Polysaccharides** - Revista de Chimie, 2014, Nr.8, pag.921-924, ISSN: 0034-7752 (impact factor: 0.677)
45. Ionac M., Crainiceanu Z., Patrascu J.M., Bodos D. – **Microsurgical treatment of “old” osteomyelitis in the lower extremity**. Wei FC, Chuang DCC, Chen HC (eds.): Proceedings of the Inaugural Congress of the World Society for Reconstructive Microsurgery. Bologna: Monduzzi Editore, 2001, 287-289
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