

LISTA DE LUCRĂRI

Candidat: DR. FLEACA SORIN RADU

LISTA DE LUCRĂRI

A. Teza de doctorat

Fleacă Radu (2010): *Transplantul Osteocondral Autolog În Tratatamentul Leziunilor Cartilajului Articular (Autologous Osteochondral Transplantation In Articular Cartilage Lesions Treatment)*, Universitatea „Lucian Blaga” din Sibiu Facultatea de Medicina “Victor Papilian”, conducător științific Prof. Dr. Ioan Baier

B. Cărți și capitole în cărți (publicate în edituri recunoscute CNCSIS)

1. Teste pentru examenul de licența Medicina (2021):
2. Mohor Cosmin, Mohor Calin, **Fleacă Radu** (2018): *Anatomia clinica a membrului inferior*, Editura Universității "Lucian Blaga" din Sibiu, ISBN 978-606-12-1629-1, 215 pag.
3. **Fleacă Sorin Radu**, Roman Mihai Dan (2016): *Traumatologie*, Editura Universității "Lucian Blaga" din Sibiu 2016, ISBN 978-606-12-1368-9, 209 pag.
4. Roman Mihai Dan, **Fleacă Sorin Radu** (2016): *Ruptura Ligamentului Incrucisat Anterior*, Editura Universității "Lucian Blaga" din Sibiu 2016, ISBN 978-606-12-1367-2, 209 pag.
5. Roman Mihai, **Fleacă Radu**, Prie Adrian (2015): *Fracturile diafizare de gamba*, in *Tendinte si Progrese in Medicina Sibiana*, vol.III, Editura Universității "Lucian Blaga" din Sibiu, ISBN 978-606-12-1216-3, pag. 45-69
6. Mohor Cosmin, Mohor Calin, **Fleacă Radu** (2014): *Antropometria in afectiunile pulmonare cronice la copii*, Editura Universității "Lucian Blaga" din Sibiu, ISBN 978-606-12-0673-5, 201 pag.
7. **Fleacă Radu**, Oleksik Valentin, Roman Mihai, (2013): *Elemente de chirurgie si analiza FEM a leziunilor cartilajului articular*, Ed. Univ. "Lucian Blaga" din Sibiu, ISBN 978-606-12-0561-5, 188 pag.
8. **Fleacă Radu**, Oleksik Valentin, (2013): *Studii biomecanice privind transplantul osteocondral autolog in leziunile cartilajului articular*, Ed. Univ. "Lucian Blaga" din Sibiu, ISBN 978-606-12-0562-2, 143 pag.
9. Ioan Baier, Mihai Roman, **Fleacă Radu**, Marius Popescu, Teodor Stanciu (2005): *Ortopedie si Traumatologie pentru Colegiile Medicale* — Sibiu, ISBN 973-739-118-7, Editura Universitatii "Lucian Blaga" Sibiu, 137 pag., 2005.

C. Articole publicate în reviste de specialitate

C1. Articole publicate în reviste cotate ISI THOMSON / Web of Science Core Collection

Impact Factor WoS cumulat autor principal: 27,861
Index Hirsch WoS: 7

1. Mihai Faur, Sorin Radu Fleaca, Claudia Diana Gherman, Ciprian Ionut Bacila, Denisa Tanasescu, Dragos Serban, Laura Carina Tribus, Corneliu Tudor, Gabriel Catalin Smarandache, Daniel Ovidiu Costea, Mihail Silviu Tudosie, Dan Sabau, Gabriel Andrei Gangura, Ciprian Tanasescu, (2022), *Optimal Timing and Outcomes of Minimally Invasive Approach in Acute Biliary Pancreatitis*, Medical Science Monitor, DOI: 10.12659/MSM.937016, (factor de impact 3.386)
2. Ileana Ioana Cofaru, Mihaela Oleksik, Nicolae Florin Cofaru, Andrei Horia Branescu, Adrian Hasegan, Mihai Dan Roman, Sorin Radu Fleacă, Robert Daniel Dobrota, (2022), *A Computer-Assisted Approach Regarding the Optimization of the Geometrical Planning of Medial Opening Wedge High Tibial Osteotomy*, Applied Sciences 2022, 12(13), 6636 <https://doi.org/10.3390/app12136636>, (factor de impact 2.679)
3. Mihai-Dan Roman, Cosmin Ioan Mohor, Petru Razvan Melinte, Radu Chicea, Vlad Alexandru Georgeanu, Adrian Hasegan, Adrian Gheorghe Boicean, Sorin-Radu Fleacă, (2022), *Meniscal Tear Management Associated with ACL Reconstruction*, Applied Sciences 2022, 12(12), 6175; <https://doi.org/10.3390/app12126175> (factor de impact 2.838)
4. Cosmin Ioan Mohor, Sorin-Radu Fleacă (Correspondent), Lilioara-Alexandra Oprinca-Muja, George-Călin Oprinca, Mihai-Dan Roman, Radu Chicea, Adrian Boicean, Horațiu Dura, Ciprian Tănăsescu, Călin-Ilie Mohor, (2022), *A Rare Case of Polysplenia Syndrome Associated with Severe Cardiac Malformations and Congenital Alveolar Dysplasia in a One-month-old Infant. A Complete Macroscopic and Histopathologic Study* J. Cardiovasc. Dev. Dis. **2022**, 9(5), 135; <https://doi.org/10.3390/jcdd9050135> (factor de impact 4.415)
5. Cofaru, Nicolae Florin; Oleksik, Valentin; Cofaru, Ileana Ioana; Simion, Carmen Mihaela; Roman, Mihai Dan; Lebada, Ioana Codruta; Fleaca, Sorin Radu, *Geometrical Planning of the Medial Opening Wedge High Tibial Osteotomy-An Experimental Approach* (2022), Appl. Sci. 2022, 12(5), 2475, <https://doi.org/10.3390/app12052475> (factor de impact 2.838)
6. Sorin Radu Fleaca, Cosmin Ioan Mohor, Horatiu Dura, Radu Chicea, Calin Mohor, Adrian Boicean, Mihai Dan Roman, (2022), *Effect of patella resurfacing on functional outcome and revision rate in primary total knee arthroplasty (Review)*, Experimental and Therapeutic Medicine, 2022, <https://doi.org/10.3892/etm.2021.11027> (factor de impact 2.751)
7. Mihai Roman; Octav Russu; Calin Mohor; Radu Necula; Adrian Boicean; Adrian Todor; Cosmin Mohor; Sorin Fleaca, (2022), *Outcomes in revision total knee arthroplasty (Review)*, Experimental and Therapeutic Medicine, 2022, doi.org/10.3892/ETM.2021.10951 (factor de impact 2.751)
8. Sopon, Mircea, Valentin Oleksik, Mihai Roman, Nicolae Cofaru, Mihaela Oleksik, Cosmin Mohor, Adrian Boicean, and **Radu Fleaca**. (2021) *Biomechanical Study of the Osteoporotic Spine Fracture: Optical Approach*, Journal of Personalized Medicine 11, no. 9: 907. <https://doi.org/10.3390/jpm11090907> (factor de impact 3.508)
9. Liliana Vecerzan, L; Ariela Olteanu; Ionela Maniu; Adrian Boicean; Călin Remus Cipaian; Horatiu Dura; **Sorin Radu Fleaca**; Romeo-Gabriel Mihăilă (2021) *Thrombin Generation in Chronic Liver Diseases—A Pilot Study*. Healthcare (ISSN 2227-9032) DOI: 10.3390/healthcare9050550 (factor de impact 2.645)
10. Cofaru, N.F.; Roman, M.D.; Cofaru, I.I.; Oleksik, V.S.; **Fleaca, S.R.** (2020) *Medial Opening Wedge High Tibial Osteotomy in Knee Osteoarthritis—A Biomechanical Approach*. Appl. Sci. 2020, 10, 8972, <https://doi.org/10.3390/app10248972> (factor de impact 2.679)
11. Octav Marius Russu, Emilian Ciorcila, Andrei Marian Feier, **Radu Fleaca**, Sandor Gyorgy Zuh, Andrei Constantin Ioanovici, Istvan Gergely, (2018): *Early Outcomes in Anterior Cruciate Ligament Reconstruction: Full Tibial tunnel technique compared to all-inside technique*, Revista de Chimie, vol.69, nr.12/2018, ISSN 2537-5733, pag 243-245 (factor de impact 1.605, scor relativ de influență 0.258)
12. Rares Mircea Birlutiu, Mihai Dan Roman, Razvan Silviu Cismasiu, **Sorin Radu Fleaca**, Crina Maria Popa, Manuela Mihalache, Victoria Birlutiu, *Sonication contribution to identifying prosthetic joint infection with Ralstonia pickettii: a case report and review of the literature*; BMC Musculoskeletal Disorders (2017)18:311 DOI 10.1186/s12891-017-1678-y, <https://bmcmusculoskeletdisord.biomedcentral.com/articles/10.1186/s12891-017-1678-y>, (factor de impact 2,236)
13. **Fleacă Radu**, Cernusca Mitariu Sebastian, Oleksik Valentin, Oleksik Mihaela, Roman Mihai, (2017): *Mechanical Behaviour of Orthopaedic Cement Loaded with Antibiotics in the Operation Room*, Revista de Materiale Plastice, vol.54, nr.2/2017, ISSN 0025-5289, <https://doi.org/10.37358/MP.17.2.4860> ,(factor de impact 1.248 scor relativ de influență 0.07)
14. Roman Mihai, **Fleacă Radu**, Boicean Adrian, Bratu Dan, Birlutiu Victoria, Rus Liviu, Tantar Cristian, Cernusca Mitariu Sebastian (2017): *Assesment of Synovial Fluid pH in Osteoarthritis of the Hip and Knee*, Revista de Chimie, vol.68, nr.6/2017, ISSN 2537-5733 <https://doi.org/10.37358/RC.17.6.5649> (factor de impact 1,412 scor relativ de influență 0.258)
15. Antonescu Elisabeta, Totan Maria, Boitor Cornel, Szakacs Julianna, Silisteanu Sinziana, **Fleaca Sorin Radu**, Cernusca



- Mitariu Sebastian, Serb Bogdan (2017): *The Reference Intervals Used in Pediatric Medical Analysis Laboratories to Interpret the Results Analysis for Total Serum Calcium*, Revista de Chimie, vol.68, nr.2/2017, ISSN 2537-5733, pag 243-245 (factor de impact 1,412 scor relativ de influență 0.258)
16. Stetiu Mircea, Avrigean Eugen, Oleksik Mihaela, **Fleacă Radu**, Boicean Adrian, Stetiu Andreea (2016): *Determining the Temperature at Welding The Polyethylene Sockets*. Revista de Materiale Plastice, vol.53, nr.4/2016, ISSN 0025-5289, pag 470-472 (factor de impact 0,778 scor relativ de influență 0.07)
 17. **Fleacă Radu**, Oleksik Valentin, Pascu Adrian, Cernuşcă-Mițaru Mihaela, Roman Mihai (2014): *Properties and Behaviour of Distal Femur to Axial Loading in Osteochondral Autologous Transplantation*. Romanian Biotechnological Letters, vol. 19, Issue 2, (March - April 2014), pag.9141-9147, ISSN 1224-5984 (factor de impact 0.363, scor relativ de influență 0.115). http://www.rombio.eu/vol19nr2/6_19_2_2014%20Fleaca%20rec%204%20dec%202013.pdf
 18. Mocuta Dorina, Burcea Claudia-Camelia, Cernusca-Mitariu Mihaela, Cormos Gabriela, **Fleaca Radu**, Comanescu Cristian, Hasegan Adrian, Boicean, Adrian (2014): *Theoretical And Practical Indicators Of Life Quality* , European Journal Of Science And Theology, vol.10, issue 5, pag.63-69
 19. Stef Laura, Mara Daniel, Oprea Bogdan, Ionas Mona, Dumitriu Anca, Bota Gabriela, Ionescu Ileana, **Fleaca Radu**, Cernusca-Mitariu Mihaela (2014): *Training Strategies For Developing Psycho-Pedagogical Skills In Inclusive Dentistry*, European Journal Of Science And Theology, vol.10, issue 5, pag.91-99
 20. Cofaru Ileana, Cofaru Nicolae, Roman Mihai, **Fleacă Radu**, (2011): *The Comparative Experimental Study of the Graft Fixation in ACL Reconstruction*, Proceedings-the 5th International Conference on Manufacturing Science and Education – MSE 2011, vol.1, iulie 2-5, 2011, ISSN 1843-2522, pp 387-390
 21. Oleksik Valentin, Pascu Adrian, Deac Cristian, **Fleaca Radu**, Bologa Octavian, Racz Gabriel (2010): *Experimental study about the surface quality of the medical implants obtained by incremental forming*. International Journal of Material Forming, Springer-Verlag France, Vol. 3, Suppl. 1, 2010, pag. 935-938, ISSN 1960-6206, DOI: [10.1007/s12289-010-0922-x](https://doi.org/10.1007/s12289-010-0922-x), (factor de impact 0.509, scor relativ de influență 0.865)
 22. Oleksik Valentin, Pascu Adrian, Deac Cristian, **Fleacă Radu**, Roman Mihai, Bologa Octavian (2010): *The influence of geometrical parameters on the incremental forming process for knee implants analyzed by numerical simulation*. Proceedings of the 10th International Conference on Numerical Methods in Industrial Forming Processes (Numiform 2010), Published by American Institute of Physics, No. 1252, Vol. 1, 2010, ISBN: 978-0-7354-0799-2, pag. 1208-1215, DOI: [10.1063/1.3457520](https://doi.org/10.1063/1.3457520) (ISI Conference Proceedings, conferință ERA clasa A)
 23. Oleksik Valentin, Pascu Adrian, Deac Cristian, **Fleacă Radu**, Roman Mihai (2009): *Experimental strain field distribution in ankle-foot orthosis (AFO)*. Proceedings of the 2nd WSEAS International Conference on Biomedical Electronics and Biomedical Informatics, Moscow, Rusia, 22-25 August 2009, ISSN: 1790-5125, ISBN: 978-960-474-110-6, pag. 94-98, <http://www.wseas.us/e-library/conferences/2009/moscow/BEBI/BEBI15.pdf> (ISI Conference Proceedings)
 24. Baier Ioan, Popescu Marius, Stanciu Teodor, **Fleacă Radu**, Roman Mihai, Danielescu Cristian, Sopon Mircea, Lupean Adrian, (2006): *Bridge plate - an alternative in treatment of comminuted femoral fractures - 7th European Trauma Congress*, May, 14-17, 2006, Ljubljana, Slovenia, vol ISBN: 88-7587-241-4, CD ISBN:88-7587-242-2, pag 249-253, (ISI Conference Proceedings)

C3. Articole publicate în reviste indexate BDI

1. Istvan Gergely, Mihai Roman, Andrei-Marian Feier, **Radu Fleacă**, Sandor-Gyorgy Zuh, Andrei-Constantin Ioanovici, Cristian Trambitas, Tudor Sorin Pop, Octav Marius Russu, (2018): *Osteoarthritis Of The Hip Due To Congenital Hip Disease – Theoretical Framework*, Acta Medica Transilvanica, Volume 23, No. 3, September 2018, ISSN 1453-1968, pag. 61, (Index EBSCO, Copernicus, etc. - Cod CNCIS 68), www.amtsibiu.ro
2. Istvan Gergely, Mihai Roman, Andrei-Marian Feier, **Radu Fleacă**, Sandor-Gyorgy Zuh, Sabdor Georgy Zuh, Andrei-Constantin Ioanovici, Cristian Trambitas, Tudor Sorin Pop, Octav Marius Russu, (2018): *Cementless Total Hip Arthroplasty in Adult Patients with Congenital Hip Dysplasia: a Fifteen-Year Retrospective Study*, Acta Medica Transilvanica, Volume 23, No. 3, September 2018, ISSN 1453-1968, pag. 58-60 (Index EBSCO, Copernicus, etc. - Cod CNCIS 68), www.amtsibiu.ro.
3. Andrei Moisin, Denisa Tanasescu, Carmen Popa, Radu Fleaca, Ciprian Bacila, Cosmin Mohor, Dragos Serban, Claudia Gherman, Ciprian Tanasescu, (2018): *The Importance Of Risk Factors In Modern Treatment Of Diabetic Foot*, Acta Medica Transilvanica, Volume 23, No. 2, July 2018, ISSN 1453-1968, pag. 1-8, (Index EBSCO, Copernicus, etc. - Cod CNCIS 68), www.amtsibiu.ro



4. Adrian Boicean, **Radu Fleacă**, Mihai Roman, (2017): *Use Of A Combination Formulation Of Bismuth, Levofloxacin, Amoxicillin And Proton Pump Inhibitor As A Rescue Therapy For The Eradication Of Helicobacter Pylori*, Acta Medica Transilvanica, Volume 22, No. 2, June 2017, ISSN 1453-1968, pag. 60, (Index EBSCO, Copernicus, etc. - Cod CNCIS 68), www.amtsibiu.ro
5. Octav Russu, Tiberiu Bătagă, Marcela Todoran, Emilian Ciocila, Teodora Maria Denisa Popa, Andrei-Marian Feier, Radu Prejbeanu, **Fleacă Radu**, Roman Mihai, Tudor Sorin Pop, Istvan Gergely, (2017): *Anatomic All-Inside Anterior Cruciate Ligament Reconstruction using the Translateral Technique*, Journal of Interdisciplinary Medicine, Volume 2/ Supplement3/ may 2017, ISSN 1234-5678, pag 17-21, DOI: 10.1515/jim-2017-0039 , (indexed EBSCO Discovery Service, Google Scholar, etc), <http://www.interdisciplinary.ro/supplement/>
6. Mihai Roman, Octav Russu, Radu Prejbeanu, Adrian Todor, Vlad Predescu, Bogdan Codorean, Tiberiu Bătagă, **Radu Fleacă** (2017): *Anterolateral Ligament (ALL) — Myth or Reality?*, Journal of Interdisciplinary Medicine 2017;2(S3):12-16, DOI: 10.1515/jim-2017-0038 (indexed EBSCO Discovery Service, Google Scholar, etc),
7. **Radu Fleacă**, Mihai Roman, Tiberiu Bătagă, Andrei-Marian Feier, Radu Prejbeanu, Vlad Predescu, Sándor-György Zuh, István Gergely, Octav Russu (2017): *Prevention of Primary ACL Injuries: A Novel, Innovative Approach*, Journal of Interdisciplinary Medicine 2017;2(S3):27-31 , DOI: 10.1515/jim-2017-0041 (indexed EBSCO Discovery Service, Google Scholar, etc),
8. Roman Mihai, **Fleacă Radu**, Boicean, Adrian (2017) *Tibial Plateau Fractures - epidemiological analysis*, Acta Medica Transilvanica vol. 22, no. 1, 2017;24-25, ISSN 1453-1968, (Index EBSCO, Copernicus, etc. - Cod CNCIS 68), www.amtsibiu.ro
9. Roman Mihai, Boicean, Adrian, **Fleacă Radu** (2017): *Treatment of Tibial Plateau Fractures*, Acta Medica Transilvanica, vol. 22, no. 1, 2017 March 2017;22(1):70-71, ISSN 1453-1968, (Index EBSCO, Copernicus, etc. - Cod CNCIS 68), www.amtsibiu.ro
10. **Radu Fleacă**, Boicean Adrian, Roman Mihai, (2016): *A Comparative Analysis of the Treatment of Humeral Diaphyseal Fractures*, Acta Medica Transilvanica, Volume 21, No. 4, December 2016, ISSN 1453-1968, pag. 89-91, (Index EBSCO, Copernicus, etc. - Cod CNCIS 68), www.amtsibiu.ro
11. **Radu Fleacă**, Roman Mihai, Boicean Adrian, (2016): *Treatment of Articular Calcaneal Fractures-Epidemiological Analysis*, Acta Medica Transilvanica, Volume 21, No. 4, December 2016, ISSN 1453-1968, pag. 92-94, (Index EBSCO, Copernicus, etc. - Cod CNCIS 68), www.amtsibiu.ro
12. Adrian Todor, Vlad Predescu, Bogdan Codorean, Radu Prejbeanu, Roman Mihai, **Fleacă Radu**, Octav Russu, Tiberiu Bătagă, (2016): *Primary Novel Surgical Technique for Anterior Cruciate Ligament Reconstruction. How Do We Do It?*, Journal of Interdisciplinary Medicine, Volume 1/ Supplement2/ nov 2016, ISSN 1234-5678, pag 36-42, DOI: 10.1515/jim-2016-0053, (indexed EBSCO Discovery Service, Google Scholar, etc), <http://www.interdisciplinary.ro/supplement/>
13. Vlad Predescu, Radu Prejbeanu, Robert Bordea, Adrian Todor, Bogdan Codorean, Roman Mihai, **Fleacă Radu**, Octav Russu, Tiberiu Bătagă, Bogdan Deleanu (2016): *ACL Surgical Technique – Staying out of Trouble*, Journal of Interdisciplinary Medicine, Volume 1/ Supplement2/ nov 2016, ISSN 1234-5678, pag 31-35, DOI: 10.1515/jim-2016-0052 , (indexed EBSCO Discovery Service, Google Scholar, etc), <http://www.interdisciplinary.ro/supplement/>
14. Pal Fodor, Radu Prejbeanu, Vlad Predescu, Bogdan Codorean, **Fleacă Radu**, Roman Mihai, Adrian Todor, Octav Russu, Tiberiu Bătagă, (2016): *Novel Surgical Technique for Bone Marrow Lesion – Case Report*, Journal of Interdisciplinary Medicine, Volume 1/ Supplement2/ nov 2016, ISSN 1234-5678, pag 27-30, DOI: 10.1515/jim-2016-0051 , (indexed EBSCO Discovery Service, Google Scholar, etc), <http://www.interdisciplinary.ro/supplement/>
15. Octav Russu, Tiberiu Bătagă, Andrei-Marian Feier, Radu Prejbeanu, **Fleacă Radu**, Roman Mihai, Istvan Gergely, (2016): *Preliminary Results in Anatomic All-Inside Anterior Cruciate Ligament Reconstruction*, Journal of Interdisciplinary Medicine, Volume 1/ Supplement2/ nov 2016, ISSN 1234-5678, pag 23-26, DOI: 10.1515/jim-2016-0050 , (indexed EBSCO Discovery Service, Google Scholar, etc), <http://www.interdisciplinary.ro/supplement/>
16. Roman Mihai, Radu Prejbeanu, Andrei-Marian Feier, Octav Russu, Vlad Predescu, Bogdan Codorean, Tiberiu Bătagă, **Fleacă Radu**, (2016): *Outcomes in Anterior Cruciate Ligament Reconstruction Surgery*, Journal of Interdisciplinary Medicine, Volume 1/ Supplement2/ nov 2016, ISSN 1234-5678, pag 19-22, DOI: 10.1515/jim-2016-0049 , (indexed EBSCO Discovery Service, Google Scholar, etc), <http://www.interdisciplinary.ro/supplement/>



17. **Fleacă Radu**, Radu Prejbeanu, Andrei-Marian Feier, Octav Russu, Adrian Todor, Vlad Predescu, Bogdan Codorean, Tiberiu Băţagă, Roman Mihai, (2016): *Single or Double Bundle Technique in the Anterior Cruciate Ligament Reconstruction – Current Concepts and Review of the Literature*, Journal of Interdisciplinary Medicine, Volume 1/ Supplement2/ nov 2016, ISSN 1234-5678, pag 8-12, DOI: 10.1515/jim-2016-0047, (indexed EBSCO Discovery Service, Google Scholar, etc), <http://www.interdisciplinary.ro/supplement/>
18. **Fleacă Radu**, Roman Mihai, Mohor Cosmin, (2015): *Arthroscopic Releasing In External Snapping Hip-Case Presentation* Research and Science Today e: 2344- 0007, ian 2015, pag 38-39, http://www.academia.edu/10949391/Research_and_Science_Today_Supplement
19. Roman M., **Fleacă Radu**, Mohor C., Prie A., Boicean A., Tanasescu C. (2015): *Tibial Shaft Fractures. 6 Year retrospective epidemiological analysis* Maedica, a Journal of Clinical Medicine 10 (13) Supplement ISSN 1841-9038, DOI: CNCSIS Code: 751, CNCSIS indicative: B+
20. Dorina Mocuţa, Răzvan-Daniel Chivu, Mihaela Cernuşcă-Miţariu, Gabriela Cormoş, **Radu Fleacă**, Mihai Burlibaşa, Adrian Haşegan, Adrian Boicean (2014): *Theoretical and Practical indicators of quality of Life* European Journal of Science and Theology, Volume 10, Issue 5/october 2014, pag. 63-69, ISSN 1842-8517 (Index Scopus)
21. Stef Laura, Mara Daniel, Oprea Bogdan, Ionas Mona, Dumitriu Anca, Bota Gabriela, Ionescu Iliana, **Fleacă Radu**, Cernusca-Mitaru Mihaela (2014): *Training Strategies for Developing Psycho-Pedagogical Skills in Inclusive Dentistry*, European Journal of Science and Theology, Volume 10, Issue 5/october 2014, pag. 91-99, ISSN 1842-8517 (Index Scopus)
22. Bogdan Oprea, Sebastian Cernuşcă-Miţariu, Raluca Dragomir, Minerva Boitan, **Radu Fleacă**, Mihaela Cernuşcă-Miţariu, (2014): *Asistenţa Computerizată Valorificată În Tratamentele Moderne Din Medicina Dentară*, Acta Medica Transilvanica, Anul XIX, Vol. II, No. 2, 2014, ISSN 1453-1968, pag. 146-149, (Index Copernicus - Cod CNCSIS 68)
23. Mihaela Cernuşcă-Miţariu, Ileana Ionescu, Gabriela Tanase, Gabriela Bota, **Radu Fleacă**, Mihai Ioan Mitariu, (2013): *The Use of Ultrasound for the Cleaning of Titanium and Titanium Elements in Dentistry; Alloys Metalurgia International*, vol. XVIII no.8, p. 291-293, ISSN 1582-2214, 2013
24. Ileana Ionescu, Radu Chicea, Bogdan Oprea, Horaţiu Dura, **Radu Fleacă**, Mihaela Cernuşcă-Miţariu, (2013): *Strontium chloride used in the treatment of dentinal pain*, Metalurgia International, vol. XVIII no.8, p. 294-295, ISSN 1582-2214, 2013
25. Silviu Morar, Ileana Ionescu, Ciprian Tănăsescu, Adrian Boicean, **Radu Fleacă**, Claudia Camelia-Burcea, (2013): *Health-Related Quality Of Life*; Metalurgia International, vol. XVIII no.8, p. 296-298, ISSN 1582-2214, 2013
26. Pascu Adrian, Oleksik Valentin, **Fleacă Radu**, Roman Mihai, Deac Cristian, Oleksik Mihaela (2011): *Experimental study on the behavior of osteochondral cylinders transplanted at the femoral condyle in the case of autologous osteochondral transplant*. Petroleum - Gas University of Ploiesti Bulletin, Technical Series, vol. LXIII, no. 1/2011, pag. 107-116, ISSN 1224-8495 (Index Ebsco)
27. Oleksik Valentin, Pascu Adrian, **Fleacă Radu**, Roman Mihai, Deac Cristian (2010): *Using finite element method in study of autologous osteochondral mosaicoplasty*. Acta Technica Napociensis – Applied Mathematics and Mechanics, no. 53, vol. II, 2010, pag. 349-352, ISSN 1221-5872, (Index Copernicus - Cod CNCSIS 118)
28. **Fleacă Radu**, Roman Mihai, Oleksik Valentin, Pascu Adrian, Deac Cristian, Baier Ioan (2010): *The evaluation of the pull out force between osteochondral plug and the receiving tunnel in autologous osteochondral transplantation*. Acta Medica Transilvanica, Anul XV, Vol. II, No. 1, 2010, ISSN 1453-1968, pag. 191-193, (Index Copernicus - Cod CNCSIS 68)
29. **Fleacă Radu**, Roman Mihai, Oleksik Valentin, Pascu Adrian, Deac Cristian, Baier Ioan (2010): *Analysis of the mechanical properties of the osteochondral plugs in autologous osteochondral transplantation*. Acta Medica Transilvanica, Anul XV, Vol. II, No. 2, 2010, ISSN 1453-1968, pp. 224-226, (Index Copernicus - Cod CNCSIS 68)
30. Ileana Ioana Cofaru, Mihaela Oleksik, Nicolae Cofaru, Roman Mihai, **Fleacă Radu** (2010): *Experimental Stand Used For Studies of the knee's Articulation Pathology*, Academic Journal of Manufacturing Engineering, Volume 8, Issue3/2010, ISSN: 1583-7904., IC Value - Expected 2010 4.95, <http://www.eng.utt.ro/auif/index.html>, (Index Scopus - Cod CNCSIS 127)
31. Oleksik Valentin, Pascu Adrian, Deac Cristian, **Fleacă Radu**, Roman Mihai (2009): *Numerical simulation of the incremental forming process for knee implants*. X International Conference on Computational Plasticity COMPLAS X, Barcelona, Spain, 1-4 September 2009, E. Oriante and D. R. J. Owen (Eds) (Index Scopus) <http://congress.cimne.com/complas09/proceedings/pdfs/p492.pdf>

C4. Articole publicate în reviste recunoscute CNCSIS (altele decât cele B+)

1. **Fleacă Radu**, Roman Mihai, Oleksik Valentin, Pascu Adrian, Deac Cristian, Baier Ioan (2009): *Analysis of the*



- mechanical properties and the behaviour of the distal femur to axial static loading*. Revista de Ortopedie și Traumatologie (Journal of Orthopaedic Trauma), Vol. 19, No. 3, 2009, ISSN 1220-6466, pag. 128-129 (Categ. C, Cod CNCIS: 374)
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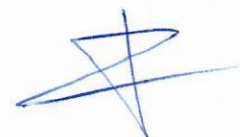
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49. Stoita Ioana Monica, Roman Mihai, **Fleacă Radu**, Coordonator stiintific Baier Ioan, (2003): *Metoda fotoelasticimetriei*



in studiul tensiunilor oaselor membrului inferior ; Zilele Universitatii de Medicina si Farmacie « Iuliu Hatieganu » Cluj Napoca, 2-5 decembrie 2003

50. Baier Ioan, Roman Mihai, **Fleacă Radu**, Labek Georg, (2003): *Influenta duratei antibioterapiei profilactice dupa artroplastia de sold asupra ratei infectiilor precoce si a vindecarii plagii*, Al 10-lea Congres National al Societatii Romane de Ortopedie si Traumatologie, Arad, 24-26 septembrie 2003
51. Baier Ioan, **Fleacă Radu**, Roman Mihai, Danielescu Cristian, (2003): *Tratamentul fracturilor platoului tibial rezultate pe termen mediu*, Al 10-lea Congres National al Societatii Romane de Ortopedie si Traumatologie, Arad, 24-26 septembrie 2003
52. Baier Ioan, Popescu Marius, Roman Mihai, **Fleacă Radu**, Danielescu Cristian (2001): *Hemiarthroplastia de sold cu endoproteza Austin-Moore – follow up la minimum 5 ani*, Al 9-lea Congres National al Societatii Romane de Ortopedie si Traumatologie, Craiova, 9-12 octombrie 2001
53. Baier Ioan, Popescu Marius, Danielescu Cristian, **Fleacă Radu**, Roman Mihai, (2001): *Modalitati de tratament in fracturile periprotetice dupa artroplasta de sold*, Al 9-lea Congres National al Societatii Romane de Ortopedie si Traumatologie, Craiova, 9-12 octombrie 2001
54. Baier Ioan, Popescu Marius, Roman Mihai, **Fleacă Radu**, (2000): *Revision Hip Arthroplasty- a Review of 16 Cases*, Conferinta de Ortopedie Traumatologie, Tg. Mures, 27-29 Septembrie 2000

Proiecte de cercetare – dezvoltare – inovare

E1. Proiecte obținute prin competiție pe bază de contract/grant în străinătate/țară (Pi-internaționale, Pn-naționale,)

1. (Pn) - *“Analiza teoretică și experimentală a comportării statice și dinamice a grefelor în transplantul osteocondral autolog”* (membru în echipa de proiect), Beneficiar: C.N.C.S.I.S.-U.E.F.I.S.C.S.U., PNII-Idei Proiecte de cercetare exploratorie, Nr. contract 698/19.01.2009 (2008-2011), valoare contract: 737.200 RON
2. (Pn) - *„Analiza stabilității componentei tibiale a endoprotezei totale de genunchi in defectele osoase ale platoului tibial”*, (director de proiect), Beneficiar: S.C. STRYKER ROMANIA S.R.L. București, Nr. contract 34562/21.11.2013, valoare contract: 146.700 RON
3. (Pn) - *„Evaluarea beneficiului terapeutic cu Sulenoxid in patologia venoasa si arteriala la pacientii cu multiple conditionari clinice”* (membru în echipa de proiect), Beneficiar: S.C. ALFA WASSERMAN S.R.L. Bucuresti, Nr. contract 865/18.09.2014, valoare contract 10.580 RON
4. (Pn) - Director pentru componenta medicina a proiectului *“Dezvoltarea de tehnologii noi și emergente în contextul stimulării cercetării de excelență în ULBS (TEHNE)”*. Proiect finantat de Universitatea “Lucian Blaga” din Sibiu si Ministerul Educatiei din Romania, grant de cercetare PNCDI III Proiectul este sustinut de Ministerul Cercetarii, Inovatiei si Digitalizarii prin Program 1 – Dezvoltarea sistemului national de cercetare, Subprogramul 1.2 – Performanta institutionala. Proiecte pentru finantarea excelentei in RDI, contract nr. 28 PFE / 30.12.2021, valoare 6.7 mil EOR.
5. (Pn) - Membru grant de cercetare, *“metode, tehnici și practici pentru o mai buna integrare a ulbs în circuitul internațional al cunoașterii”*, Proiect CNFIS-FDI-2022-0232, 2022

E2. Alte proiecte de cercetare dezvoltare

1. (Pi) - *“A phase II randomized, controlled, open-labeld (dose-blinded) dose finding study of the safety and efficacy of I-040202 in the treatment of patients with open tibial shaft fractures”*. Protocol nr. – CS I-040202/01. Phase 2, prospective, randomized, controlled, open-label (dose-blinded), parallel group, international multi-center study, (Co-Investigator), Beneficiar: Kuros Biosurgery Switzerland, contract value – over 30,000 eur, 2008-2011
2. (Pn) - *Studiul national multicentric de cercetare clinica privind evaluarea acidului hialuronic in tratamentul patologiei*



- articulare a genunchiului – „postmarket efficacy and safety study”, (membru în echipa de proiect), 2008-2009
3. (Pn) - Studiu Multicentric “-Profilaxia Trombemboliei cu Clexane”, Baier Ioan, **Fleacă Radu**, Roman Mihai, (membru în echipa de proiect), Beneficiar: Aventis, 2007
 4. Studiu clinic de faza IV NCT (Noninterventional Clinical Trial) privind eficacitatea si siguranta produsului Tralgit SR. (membru în echipa de proiect) Inregistrat la Agentia Nationala a medicamentului 2006
 5. (Pn) - “Influenta duratei antibioterapiei profilactice dupa artroplastia de sold asupra ratei infectiilor precoce si a vindecarii plagii”, EFORT Romania Proiect – Sibiu , Baier Ioan, **Fleacă Radu**, Roman Mihai,, cu sprijinul firmei Aventis, Franta, contract derulat in 2002 – 2003, finalizat in 2003 – studiu prospectiv randomizat pe 200 pacienti si concretizat prin comunicarea rezultatelor studiului la Congresul SOROT 2003, (membru în echipa de proiect), 2002-2003
 6. (Pi) - “VTE Profilaxys Survey”, “Profilaxia cu Clexane a trombozei venoase profunde dupa operatii ortopedice majore(PTS sau PTG) – studiu prospectiv al incidentei TVP la 3 luni” - Studiu Multicentric International Protocol ENO-IMA-401, Baier Ioan, **Fleacă Radu**, Roman Mihai, (membru în echipa de proiect), derulat si finalizat in 2000 – contractul a prevazut evaluarea clinica si biologica a unui lot de pacienti operati (artroplastie totala de sold sau genunchi) in cadrul unui studiu multicentric international coordonat de firma Aventis Beneficiar: Aventis, Franta, 2000

Lector la cursuri, simpozioane

1. Conferinta Nationala - Actualitati si perspective in medicina invaziva, 28-30 octombrie, Sibiu, Romania, 2021
2. Congresul National al Societatii Romane de Ortopedie si Traumatologie, SOROT 2021 Virtual Congress, Bucuresti, Romania, Octombrie 19-22, 2021
3. Congresul National al Colegiului Fizioterapeutilor din Romania, 8-10 octombrie, Sibiu, 2021
4. AO Trauma Blended Course-Basic Principles of Fracture Management, 27-28 May, 2021, Timisoara, Romania, 2021
5. 19th Congress of the European Society of Sports Traumatology, Knee Surgery and Arthroscopy (ESSKA), Virtual, 11-15 May 2021, Luxembourg, 2021
6. Conferința “Zilele Medicale Sibiene”, 12-14.05.2021, Sibiu, Romania 2021
7. SRATS Virtual Congress, 25-27 march 2021, 2021
8. International Comprehensive Shoulder Course – Shoulder Instability – Virtual event, 12-13 March 2021, 2021
9. SRATS Webinar, Shoulder Webinar - Rotator cuff tears: from conservative treatment to reverse shoulder arthroplasty, November 26-28 2020, 2020
10. Conferinta Nationala - Actualitati si perspective in medicina invaziva, 12-14 noiembrie, Sibiu, Romania, 2020
11. SOROT Virtual Conference, 7-8 oct 2020, 2020
12. AO Trauma Romania Webinar: Periprosthetic fractures - the challenge between trauma and orthopaedic surgery, 25 iunie 2020, 2020
13. Comprehensive Shoulder Course – Fractures around Shoulder. Shoulder Arthroplasty, 6-7 March 2020, Craiova, Romania, 2020
14. Conferinta Nationala - Actualitati si perspective in medicina invaziva, 31 octombrie - 2 noiembrie, Sibiu, Romania, 2019
15. AO Trauma Seminar – Fractures around the hip – Co-Chairperson, 16 october 2019, Bucharest, Romania, 2019
16. 7th Edition Timisoara International Knee and Arthroscopy Course, 20-22 Septembrie, 2019, Timisoara, Romania, 2019
17. Congresul multidisciplinar “Impreuna construim excelenta”, Osteoarthritis in middle age; High tibial osteotomy vs. unicompartmental knee arthroplasty, 11-12 octombrie 2019, Bucuresti, Romania, 2019
18. AO Trauma Course-Advanced Principles of Fracture Management, 30 May-1 June, Sibiu, Romania, 2019
19. The 5th Course „Arthroscopic TGM” Programme, ESSKA - SRATS Basic Knee Arthroscopy and ESSKA – EKA Basic Knee Arthroplasty Course, 29-31 May 2019, Tg Mures, Romania, 2019
20. EEMEA Triathlon Knee Course, 15-16 April 2019, Amsterdam, The Netherlands, 2019
21. Comprehensive Shoulder Course – Rotator Cuff Pathology, 5-6 April 2019, Cluj-Napoca, Romania, 2019
22. KSSTA-SRATS Basic Science Writing Course, 30 martie 2109, Bucuresti, Romania, 2019
23. Al IV-lea Congres al Clubului Regal al Medicilor - Impreuna construim excelenta, 11-13 octombrie 2018, Bucuresti, Romania, 2018

24. Conferinta Nationala de Ortopedie si Traumatologie SOROT, 3-5 octombrie 2018, Sibiu, Romania, 2018
25. AO Trauma Seminar – Minimal Invasive Osteosynthesis, 3 october 2018, Sibiu, Romania, 2018
26. AOTrauma Course-Basic Principles of Fracture Management, 6-9 June 2018, Bucharest, Romania, 2018
27. The 4th Course „Arthroscopic TGM” Programme, ESSKA - SRATS Basic Knee Arthroscopy and ESSKA – EKA Basic Knee Arthroplasty Course, 22-23 May 2018, Tg Mures, Romania, 2018
28. International Comprehensive Shoulder Course – Shoulder Instability, 20-21 April 2018, Sibiu, Romania, 2018
29. 2nd Congress of the Romanian Society for Arthroscopy and Sport Trauma - SRATS, 21-23 March 2018, Bucuresti, Romania, 2018
30. Al XVII-lea Congres National al Societatii Romane de Ortopedie si Traumatologie SOROT, 18-21 Octombrie 2017, Timisoara, Romania, membru in comitetul stiintific, 2017
31. International Knee Surgery and Arthroscopy course 6th Edition, 18-20 october 2017, Timisoara, Romania, 2017
32. Managementul Artrosopic al Patologiei Leziunilor de Menisc si Cartilaj, 28-29 septembrie 2017, Bucuresti, Romania, 2017
33. AOTrauma Course-Advanced Principles of Fracture Management, 19-22 July 2017, Poiana Brasov, Romania, 2017
34. AO Foundation Faculty Education Program, 19-20.05.2017 Ljubljana, Slovenia, 2017
35. International Arthroscopic Surgery Course, (ESSKA patronage), 17-21.05.2017, Tg. Mures, Tg Mures, 2017
36. AAOS Comprehensive Shoulder Course (Prof. Guido Marra, Prof. William Stetson), 11-12.05.2017, Timisoara, Romania, 2017
37. Asklepios 2017 – 10th International Medical Congress for Students and Young Doctors, 4-7 May 2017, Sibiu, Romania, 2017
38. AOTrauma Course-Basic Principles of Fracture Management, 15-18 June 2016, Timisoara, Romania, 2016
39. “International Arthroscopic Surgery Course”, Tirgu Mures, Romania, 18-21 May 2016
40. “Osteosynthesis Techniques in Long Bones” - 9st International Medical Congress for Students and Young Doctors – ASKLEPIOS, Sibiu, 14-17 aprilie, 2016
41. Congress of the Romanian Society for Arthroscopy and Sport Trauma - SRATS, 31.03-01.04.2016, Bucuresti, Romania, 2016
42. “International Knee Surgery and Arthroscopy advanced course”, 5th Edition, sub egida Societatii Europene de chirurgia genunchiului si artroscopie – ESSKA, Timisoara, 25-28 nov 2015
43. AOTrauma European Faculty Seminar, 06-07 December 2014, Davos, Switzerland, 2014
44. Lector la cursul international “International Knee Surgery and Arthroscopy advanced course”, sub egida Societatii Europene de chirurgia genunchiului si artroscopie – ESSKA, Timisoara, 28.11—01.12.2013
45. “Rolul Farmacistului in dispensarizarea bolnavului cronic”, Sibiu, 12.06.2013
46. « AINS – clasic sau modern », Sibiu, 06.12.2012
47. “Clasic si Modern in tratamentul Bolii artrozice”, prezentata la Sedinta lunara a Medicilor de Familie din Sibiu, 16.05.2012
48. “Clasic si Modern in tratamentul antiinflamator” prezentata la: Conferinta Regionala de Medicina Familiei/Medicina Generala din Romania, Alba Iulia, 26-28.04.2012
49. “Chondral Lesions Diagnosis and Management” Lector la: International Knee Surgery and Arthroscopy Advanced Course – 3rd Edition, ESSKA Course Timisoara, 28.02-03.03.2012
50. Curs international – “Artroscopie – baza si avansati”, Sibiu, 06-08-11-2007, Coordonator – Prof Dr. Karl-Peter Benedetto Austria), sub egida ESSKA

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