



Curriculum vitae

INFORMAȚII PERSONALE **Bogdan Serban**



EXPERIENȚA PROFESIONALĂ

- 01/01/2022–Prezent **Medic Specialist Ortopedie – Traumatologie**
Spitalul Universitar de Urgenta Bucuresti
- 25/02/2019–Prezent **Asistent universitar**
Universitatea de Medicina si Farmacie "Carol Davila", Bucuresti (România)
- 01/10/2018–Prezent **Doctorand UMF "Carol Davila" Disciplina Ortopedie - Traumatologie,**
UMF "Carol Davila" Bucuresti (România)
- 01/01/2017–Prezent **Medic Rezident Ortopedie - Traumatologie**
Spitalul Universitar de Urgenta Bucuresti (România)

EDUCAȚIE ȘI FORMARE

- 2008–2016
Universitatea de Medicina si Farmacie "Carol Davila", Bucuresti (România)
- 2004–2008
Colegiu National I.C Bratianu, Pitesti (România)
- 1997–2004
Scoala Gimnaziala Nr. 5 "Nicolae Iorga", Pitesti (România)

COMPETENȚE PERSONALE

Limba(i) maternă(e) **română**

Limbile străine

	ÎNȚELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
engleză	C2	C2	C2	C2	C2
franceză	B1	B1	B1	B1	B1

08/08/2024

INFORMAȚII SUPLIMENTARE

Publicatii:

- Cursaru A, Popa M, Cretu B, et al. (January 31, 2024) Exploring Individualized Approaches to Managing Vancouver B Periprosthetic Femoral Fractures: Insights from a Comprehensive Case Series Analysis. *Cureus* 16(1): e53269. doi:10.7759/cureus.53269
- Implications of oral dysbiosis and HPV infection in head and neck cancer: from molecular and cellular mechanisms to early diagnosis and therapy *Front. Oncol.*, 18 December 2023 *Sec. Molecular and Cellular Oncology Volume 2023* <https://doi.org/10.3389/fonc.2023.1273516>
- Bratu, Dan; Mihetiu, Alin; Sandu, Alexandra; Serboiu, Crenguta; Tudor, Corneliu; Simion, Laurentiu; Cretoiu, Dragos; Bobirca, Florin; Davitoiu, Dragos; Serban, Bogdan; and Nistor, Claudiu Eduard (2023) "Is open surgery still part of the current treatment of inguinal hernias?," *Journal of Mind and Medical Sciences*: Vol. 10: Iss. 2, Article 19.
- Cursaru, A.; Popa, M.; Cretu, B.; Iordache, S.; Iacobescu, G.L.; Spiridonica, R.; Rascu, A.; Serban, B.; Cirstoiu, C. Exploring Individualized Approaches to Managing Vancouver B Periprosthetic Femoral Fractures: Insights from a Comprehensive Case Series Analysis. *Cureus* 2024, doi:10.7759/cureus.53269.
- Cursaru A, Popa M, Lupu A, et al. (September 18, 2023) An Examination of Personalized Approaches in the Management of Ankle Fractures: A Thorough Evaluation of Soft Tissue Factors, Treatment Methods, and Patient Adherence. *Cureus* 15(9): e45507. doi:10.7759/cureus.45507
- Cursaru A, Iordache S, Costache M, et al. (September 18, 2023) Management of Acetabular Bone Loss in Hip Revision Arthroplasty: Case Series Presentation. *Cureus* 15(9): e45432. doi:10.7759/cureus.45432
- Alius, C.; Serban, D.; Bratu, D.G.; Tribus, L.C.; Vancea, G.; Stoica, P.L.; Motofei, I.; Tudor, C.; Serboiu, C.; Costea, D.O.; et al. When Critical View of Safety Fails: A Practical Perspective on Difficult Laparoscopic Cholecystectomy. *Medicina* 2023, 59, 1491. <https://doi.org/10.3390/medicina59081491>
- Local recurrence management of extremity soft tissue sarcoma. Serban, Bogdan; Cretu, Bogdan; Cursaru, Adrian; Nitipir, Cornelia; Orlov-Slavu, EFORT Open Reviews, 01 Aug 2023, Vol. 8, Issue 8, pages 606 - 614
- Dumitrescu V, Serban D, Costea D, et al. (July 14, 2023) Transabdominal Preperitoneal Versus Lichtenstein Procedure for Inguinal Hernia Repair in Adults: A Comparative Evaluation of the Early Postoperative Pain and Outcomes. *Cureus* 15(7): e41886. doi:10.7759/cureus.41886
- Cretu B, Costache M, Cursaru A, et al. (June 19, 2023) Restoring Anatomical Features in Primary Total Knee Arthroplasty. *Cureus* 15(6): e40616. doi:10.7759/cureus.40616
- Iordache S, Costache M, Cursaru A, et al. (May 22, 2023) A Narrative Review of Patellar Resurfacing Versus Non-resurfacing in Total Knee Arthroplasty. *Cureus* 15(5): e39362. doi:10.7759/cureus.39362
- Cretu B, Iordache S, Cursaru A, et al. (May 08, 2023) Metagenomic Next-Generation Sequencing for Periprosthetic Joint Infections. *Cureus* 15(5): e38726. doi:10.7759/cureus.38726
- Iordache S, Cursaru A, Serban B, Costache M, Spiridonica R, Cretu B, Cirstoiu C. Melorheostosis: A Review of the Literature and a Case Report. *Medicina*. 2023; 59(5):869. <https://doi.org/10.3390/medicina59050869>
- Vrancianu CO, Serban B, Gheorghe-Barbu I, Czobor Barbu I, Cristian RE, Chifiriuc MC, Cirstoiu C. The Challenge of Periprosthetic Joint Infection Diagnosis: From Current Methods to Emerging Biomarkers. *International Journal of Molecular Sciences*. 2023; 24(5):4320. <https://doi.org/10.3390/ijms2405432>
- Nistor C-E, Ciuche A, Cucu AP, Nitipir C, Slavu C, Serban B, Cursaru A, Cretu B, Cirstoiu C.

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- Management of Lung Cancer Presenting with Solitary Bone Metastasis. *Medicina*. 2022; 58(10):1463. <https://doi.org/10.3390/medicina58101463>
- New anatomical landmark for rotational assessment of total knee arthroplasty Bogdan Crețu 1,2, Bogdan Șerban 1,2, Sergiu Iordache 1,2, Adrian Cursaru 1,2, Mihai Costache 2, Cătălin Cirstoiu 1,2
 - Nistor C-E, Ciuche A, Cucu A-P, Serban B, Cursaru A, Crețu B, Cirstoiu C. Clavicular Malignancies: A Borderline Surgical Management. *Medicina*. 2022; 58(7):910. <https://doi.org/10.3390/medicina58070910>
 - Iordache, Sergiu Andrei, Crețu, Bogdan, Șerban, Bogdan, Cursaru, Adrian, Popa, Mihnea Ioan Gabriel and Cirstoiu, Cătălin. "Gene expression and molecular aspects in osteoarthritis of the knee - review of literature" *Romanian Journal of Orthopaedic Surgery and Traumatology*, vol.5, no.1, 2022, pp.35-41. <https://doi.org/10.2478/rojost-2022-0007>
 - Mehedințu, Mihai, Toader, Horia, Șerban, Bogdan and Cirstoiu, Cătălin. "Myositis ossificans in a 29 years old athletic female" *Romanian Journal of Orthopaedic Surgery and Traumatology*, vol.5, no.1, 2022, pp.2-6. <https://doi.org/10.2478/rojost-2022-0002>
 - Cirstoiu, C., Crețu, B., Iordache, S., Popa, M., Serban, B., & Cursaru, A. (2022). Surgical management options for long-bone metastasis. *EFORT Open Reviews*, 7(3), 206-213. Retrieved Feb 28, 2024, from <https://doi.org/10.1530/EOR-21-0119>
 - Understanding orthopedic infections through a different perspective: Microcalorimetry growth curves <https://doi.org/10.3892/etm.2022.11189>
 - Inadequate perioperative control of modifiable risk factors in total knee arthroplasty and implications on functional results DOI: 10.55453/rjmm.2022.125.1.4
 - Cursaru, A., Crețu, B., Șerban, B., Iordache, S., Popa, M., Smarandache, C.G ... Cirstoiu, C. (2022). Minimally invasive treatment and internal fixation vs. extended lateral approach in calcaneus fractures of thalamic interest. *Experimental and Therapeutic Medicine*, 23, 196. <https://doi.org/10.3892/etm.2022.11119>
 - Mihai-Aurel, Costache, Andrei, Iordache Sergiu, Bogdan, Șerban, Răzvan, Spiridonică Dumitru, Gabriel, Popa Mihnea Ioan, Ștefan, Rascu Angel and Adrian, Cursaru. "Bone grafts versus synthetic bone substitutes in the treatment of benign bone tumors" *Romanian Journal of Orthopaedic Surgery and Traumatology*, vol.4, no.2, 2021, pp.67-70. <https://doi.org/10.2478/rojost-2021-0012>
 - Andrei, Iordache Sergiu, Bogdan, Serban, Gabriel, Popa Mihnea Ioan, Mihai, Costache, Adrian, Cursaru and Dan, Dumitrescu. "Surgical management of bone metastasis located in the proximal femur-review of literature" *Romanian Journal of Orthopaedic Surgery and Traumatology*, vol.4, no.2, 2021, pp.71-77. <https://doi.org/10.2478/rojost-2021-0013>
 - Popa, Mihnea, Șerban, Bogdan, Iordache, Sergiu, Costache, Mihai, Lupu, Alexandru, Iacobescu, Georgian and Cursaru, Adrian. "COVID-19 Era - Adapting treatment and education in the Orthopedics and Traumatology Department - review" *Romanian Journal of Orthopaedic Surgery and Traumatology*, vol.4, no.2, 2021, pp.83-96. <https://doi.org/10.2478/rojost-2021-0015>
 - Popa MIG, Cursaru A, Serban B, Crețu B, Muntean AA, Popa VT, Chifiriuc MC, Cirstoiu C. Microcalorimetry—Versatile Method of Describing Bacterial Growth. *Applied Sciences*. 2021; 11(20):9740. <https://doi.org/10.3390/app11209740>
 - Crețu, I., Bojincă, M., Milicescu, M., Cursaru, A., Șerban, B., Crețu, B., Iordache, S., Pop, C. S., Cirstoiu, C., Ionescu, R. "Musculoskeletal adverse reactions after immunotherapy for cancer: A case series". *Experimental and Therapeutic Medicine* 22.3 (2021): 1027.
 - Aliuș, Cătălin, Zivari, Mirela, Dumitrescu, Dan, Cursaru, Adrian, Șerban, Bogdan, Dumitru, Adrian and Șerban, Dragoș. "Non-operative management of blunt splenic injuries beyond safety conditions A short narrative review" *Romanian Journal of Orthopaedic Surgery and Traumatology*, vol.4, no.1, 2021, pp.46-52. <https://doi.org/10.2478/rojost-2021-0008>
 - Dumitru, Adrian, Ciongariu, Ana, Aliuș, Cătălin, Dumitrescu, Dan, Iordache, Sergiu Andrei, Șerban,

Bogdan, Ionescu, Doris, Costache, Mariana, Sajin, Maria and Tapoi, Dana. "When an old pigmented lesion becomes serious: the problematic diagnosis of low-grade skin malignancies – Bednar tumor with fibrosarcomatous transformation" Romanian Journal of Orthopaedic Surgery and Traumatology, vol.4, no.1, 2021, pp.16-23. <https://doi.org/10.2478/rojost-2021-0004>

- Bratu, Angelica, Cursaru, Adrian, Comanenea, Adina, Șerban, Bogdan and Cirstoiu, Cătălin. "Multimodal analgesia in primary bone tumors" Romanian Journal of Orthopaedic Surgery and Traumatology, vol.4, no.1, 2021, pp.30-37. <https://doi.org/10.2478/rojost-2021-0006>
- Iordache, Sergiu Andrei, Cursaru, Adrian, Șerban, Bogdan and Popa, Mihnea Ioan Gabriel. "A rare case of knee joint mucormycosis with pathological fracture after COVID-19 infection" Romanian Journal of Orthopaedic Surgery and Traumatology, vol.4, no.1, 2021, pp.9-15. <https://doi.org/10.2478/rojost-2021-0003>
- Iordache, Sergiu Andrei, Șerban, Bogdan, Popa, Mihnea Ioan Gabriel and Cursaru, Adrian. "Current review of surgical management options for total knee arthroplasty in the rheumatoid knee" Romanian Journal of Orthopaedic Surgery and Traumatology, vol.4, no.1, 2021, pp.38-45. <https://doi.org/10.2478/rojost-2021-0007>
- The use of IPACK and the continuous adductor canal block in the perioperative management of total knee prosthesis DOI: 10.55453/rjmm.2021.124.2.16
Adrian Cursaru, Bogdan Cretu, Bogdan Șerban, Alexandru George Lupu, Georgian Iacobescu, Mihnea Popa, Raluca Cursaru, Catalin Cirstoiu <https://doi.org/10.37358/MP.20.4.5431>
- Popa, Mihnea, Șerban, Bogdan, Iordache, Sergiu, Lupu, Alexandru, Iacobescu, Georgian and Cursaru, Adrian. "Orthopedic surgery related infections; study of the importance of associated comorbidities in relationship with septic evolution" Romanian Journal of Orthopaedic Surgery and Traumatology, vol.3, no.2, 2020, pp.95-102. <https://doi.org/10.2478/rojost-2020-0015>
- Total knee arthroplasty radiographic evaluation via a Bayesian belief network. A pilot study DOI 10.55453/rjmm.2020.123.4.6
- Metformin -old treatment for diabetes, new treatment for psoriasis July 2020 DOI: 10.55453/rjmm.2020.123.1.6
- Popa, Mihnea, Șerban, Bogdan, Lupu, Alexandru, Iacobescu, Georgian and Cursaru, Adrian. "Orthopedic surgery related infections; study of antibiotic resistance and associated comorbidities" Romanian Journal of Orthopaedic Surgery and Traumatology, vol.3, no.1, 2020, pp.55-63. <https://doi.org/10.2478/rojost-2020-0009>
- Enhancing Diagnosis and Prognosis by Assessing the Clinical, Morphological, and Behavior Aspects in Soft Tissue Sarcomas. Cureus 16(7): e64025. doi:10.7759/cureus.64025

- Postere
- Rate of re-rupture after ACL reconstruction in athletes versus non-athletes - Dan Angheliescu, Bogdan Șerban, Elisă Popescu, Adrian Cursaru, Razvan Ene, Catalin Cirstoiu - 19th EFORT Congress 2018 Barcelona
 - Therapeutic considerations for the treatment of long-bone metastasis October 17, 2022 - October 19, 2022
 -

- Congrese
- SOROT 2023 – 18-21 OCT SINAIA
 - SOROT 2022 – 3-5 NOV BRASOV
 - Sorot 2019 Bucuresli 16-18 Octombrie 2019.
 - Conferinta Nationala de Ortopedie si Traumatologie SOROT 2018

- 19th EFORT Congress 2018 Barcelona
- Congresul Universitatii de Medicina si Farmacie Carol Davila ed a VI-a
- Prima Conferinta a Societatii Romane de Oncologie Muscuoscheletala 2018 Sinaia
- Al XVII-lea congres national de ortopedie si traumatologie 2017 Timisoara
- The International Medical Students Congress of Bucharest 2017
- A XXVI-a Conferinta Nationala de Medicina Sportiva, Bucuresti 2017

- Prezentări**
- Invited speaker A XII-a Conferinta a Colegiului Medicilor din Municipiul Bucuresti 21-24/02/2024
 - Invited speaker SOROT 2023 – 18-21 OCT SINAIA
 - Invited speaker SOROT 2022 – 3-5 NOV BRASOV
 - Rupturile ligamentului incrucisat anterior - cauze si metode de preventie - A XXVI-a Conferinta Nationala de Medicina Sportiva, Bucuresti, 2017

- Proiecte**
- Contract PFE_23/2018 Cresterea performantei institutionale si a competentelor CDI in domeniul Sanatate ale Unversitatii de Medicina si Farmacie "Carol Davila" Bucuresti

- Cursuri**
- Cadaver Course Shoulder Arthroscopy CONMED – ORSi ACADEMY Belgium 2023
 - Cadaver Course Shoulder Arthroscopy Rotterdam, 2018
 - Workshop Centrul Mobil de training Stryker, Bucuresti, 2018
 - Basic surgical skills for residents ed. 2, Bucuresti, 2017

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