

INFORMAȚII PERSONALE **Bogdan Ștefan Crețu**

EXPERIENȚĂ PROFESIONALĂ

01/2012–12/2014 **Activitate de voluntariat la Spitalul Clinic de Urgență București**
 București (Romania)
 Activitate de voluntariat sub coordonarea Doamnei Prof. Univ. Dr. Olivera Lupescu, șef secție ortopedie-traumatologie la Spitalul Clinic de Urgență București

01/01/2015–31/12/2020 **Medic rezident Ortopedie - Traumatologie**
 Spitalul Clinic de Urgență București, Romania
 Calea Floreasca 8, București, 014461 București (Romania)
<http://www.urgentafloreasca.ro>

01/01/2020–Prezent
 Spitalul Universitar de Urgență, București (Romania)
 Medic specialist Ortopedie-Traumatologie

03/02/2020–Prezent
 Universitatea de Medicină și Farmacie “Carol Davila”, București (Romania)
 Asistent Universitar Doctor la Spitalul Universitar de Urgență București; Departamentul de Ortopedie-Traumatologie

EDUCAȚIE ȘI FORMARE

01/10/2017–Prezent **Doctor în medicină**
 Universitatea de Medicină și Farmacie “Carol Davila”, București (Romania)
 Titlul lucrării: Evaluarea erorilor in artroplastia totală de genunchi și consecințele acestora

01/10/2008–20/06/2014 **Facultatea absolvită** EQF level 7
 Universitatea de Medicină și Farmacie “Carol Davila”, București (Romania)

09/2004–06/2008 **Liceul absolvit** EQF level 3
 Colegiul Național, Mihai Viteazul", Ploiesti (Romania)

COMPETENȚE PERSONALE

Limbă maternă Română

Alte limbi străine cunoscute

	ÎNȚELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleză	C1	C1	B2	B2	B2
Franceză	A1	A2	A2	A2	A1

Niveluri: A1/2: Utilizator elementar - B1/2: Utilizator independent - C1/2: Utilizator experimentat
 Cadrul european comun de referință pentru limbi străine

Competențe digitale

AUTOEVALUARE				
Procesarea informațiilor	Comunicare	Creare de conținut	Siguranță	Rezolvarea problemelor
Utilizator experimentat	Utilizator experimentat	Utilizator independent	Utilizator independent	Utilizator elementar

Competențe digitale – grilă de autoevaluare

Permis de conducere

B

INFORMAȚII SUPLIMENTARE

Publicații

1. Nistor, Claudiu-Eduard & Ciuche, Adrian & Cucu, Anca-Pati & Serban, Bogdan & Cursaru, Adrian & Cretu, Bogdan & Cirstoiu, Catalin. (2022). Clavicular Malignancies: A Borderline Surgical Management. *Medicina*. 58. 910. 10.3390/medicina58070910.
2. Cirstoiu C, Cretu B, Iordache S, Popa M, Serban B, Cursaru A. Surgical management options for long-bone metastasis. *EFORT Open Rev*. 2022 Mar 17;7(3):206-213. doi: 10.1530/EOR-21-0119. PMID: 35298408; PMCID: PMC8965201.
3. Popa M, Cursaru A, Popa V, Munteanu A, Șerban B, Crețu B, Iordache S, Smarandache CG, Orban C, Cîrstoiu C. Understanding orthopedic infections through a different perspective: Microcalorimetry growth curves. *Exp Ther Med*. 2022 Apr;23(4):263. doi: 10.3892/etm.2022.11189. Epub 2022 Feb 4. PMID: 35251329; PMCID: PMC8892613.
4. Cretu, Bogdan & Cirstoiu, Catalin & Serban, Bogdan & Iordache, Sergiu & Cursaru, Adrian & Costache, Mihai & Cristea, S.. (2022). Inadequate perioperative control of modifiable risk factors in total knee arthroplasty and implications on functional results. *Romanian Journal of Military Medicine*. 125. 26-30. 10.55453/rjmm.2022.125.1.4.
5. Cretu I, Cretu B, Cirstoiu C, Cursaru A, Milicescu M, Bojinca M, Ionescu R. Rheumatological Adverse Events Following Immunotherapy for Cancer. *Medicina (Kaunas)*. 2022 Jan 8;58(1):94. doi: 10.3390/medicina58010094. PMID: 35056402; PMCID: PMC8778975.
6. Cursaru, A., Crețu, B., Șerban, B., Iordache, S., Popa, M., Smarandache, C. G., ... & Cîrstoiu, C. (2022). Minimally invasive treatment and internal fixation vs. extended lateral approach in calcaneus fractures of thalamic interest. *Experimental and Therapeutic Medicine*, 23(3), 1-4.
7. Secară, Diana, Meca, Daniela, Vasilescu, Sorin, Uzunov, Ana, Baros, Alexandru, Pariza, George, Iordache, Mădălina, Sajin, Maria, Dumitru, Adrian, Crețu, Bogdan, Cîrstoiu, Cătălin, Turcan, Natalia and Cîrstoiu, Monica Mihaela. "Muscle-skeletal metastatic pattern in vulvar cancer" *Romanian Journal of Orthopaedic Surgery and Traumatology*, vol.4, no.2, 2021, pp.78-82. <https://doi.org/10.2478/rojost-2021-0014>
8. Nitipir C, Vrabie R, Parosanu A, et al. (November 08, 2021) Clinical Impact of the Administration of FOLFIRINOX Beyond Six Months in Advanced Pancreatic Adenocarcinoma: A Cohort Study. *Cureus* 13(11): e19361. doi:10.7759/cureus.19361
9. Popa MIG, Cursaru A, Serban B, Cretu B, Muntean AA, Popa VT, Chifiriuc MC, Cîrstoiu C. Microcalorimetry—Versatile Method of Describing Bacterial Growth. *Applied Sciences*. 2021; 11(20):9740. <https://doi.org/10.3390/app11209740>
10. MI Popa, Adrian Cursaru, V Popa, A Muntean, S Bogdan, B Cretu, Sergiu Iordache, Catalin Cirstoiu. Study of bacterial proliferation using a method that shows bacterial growth depending on the heat released-microcalorimetry. *Proc. Rom. Acad. Ser. B*. 2021 JUN 23; 197-203

11. Simionescu AA, Cirstoiu MM, Cirstoiu C, Stanescu AMA, Crețu B. Current Evidence about Developmental Dysplasia of the Hip in Pregnancy. *Medicina (Kaunas)*. 2021 Jun 26;57(7):655. doi: 10.3390/medicina57070655. PMID: 34206824; PMCID: PMC8305660.
12. Crețu I, Bojincă M, Milicescu M, Cursaru A, Șerban B, Crețu B, Iordache S, Pop CS, Cîrstoiu C, Ionescu R. Musculoskeletal adverse reactions after immunotherapy for cancer: A case series. *Exp Ther Med*. 2021 Sep;22(3):1027. doi: 10.3892/etm.2021.10459. Epub 2021 Jul 16. PMID: 34373713; PMCID: PMC8343871.
13. George Pariza, Carmen I. Mavrodin, Valentina A. Buzatu, Natalia Turcan, Monica M. Cirstoiu, Bogdan Cretu, Catalin Cirstoiu. Negative-pressure wound therapy - advantages and disadvantages. *ROMANIAN JOURNAL OF MILITARY MEDICINE*. 2021 MAY 124;3:344-350.
14. Angelica Bratu, Adrian Cursaru, Oana Dumitrașcu, Adina Comănelea, Bogdan Crețu, Bogdan Șerban, Sergiu Iordache, Catalin Cîrstoiu. The use of IPACK and the continuous adductor canal block in the perioperative management of total knee prosthesis. *ROMANIAN JOURNAL OF MILITARY MEDICINE*. 2021 MAR 124;2:238-243.
15. Cretu Bogdan, editor, *Chirurgia generala si specialitati chirurgicale-2021-Editura Hipocrate*. ISBN:9786069517819
16. Monica Cirstoiu, Oana Bodean, Octavian Munteanu, Darius Brinzan, Bogdan Cretu, George Pariza, Popescu Dan, Catalin Cirstoiu. Bladder injury – A team challenge. *ROMANIAN JOURNAL OF MILITARY MEDICINE*. 2021 IAN 124;1:93-99.
17. Cursaru A, Cretu B, Serban B, Lupu AG, Iacobescu G, Popa M, Cursaru R, Cirstoiu C. Mechanical Safety Study and Antibiotic-loaded Polymethylmethacrylate Spacers Threshold, Manufactured Intraoperatively, in Orthopaedic Surgery. *MATERIALE PLASTICE*. 2020 DEC 57;4: 317-324.
18. Catalin Cirstoiu, Bogdan Cretu, Bogdan Serban, Sergiu Iordache, Adrian Cursaru, Stefan Cristea, Anca I. Eremia, Silvia Nica. Total knee arthroplasty radiographic evaluation via a Bayesian belief network. A pilot study. *ROMANIAN JOURNAL OF MILITARY MEDICINE*. 2020 OCT 123;4:274-277.
19. Nica M, Cretu B, Ene D, Antoniac I, Gheorghita D, Ene R. Failure Analysis of Retrieved Osteosynthesis Implants. *Materials (Basel)*. 2020 Mar 7;13(5):1201. doi: 10.3390/ma13051201. PMID: 32155981; PMCID: PMC7085058.
20. Mihnea Popa, Vlad Popa, Bogdan Șerban, Radu Nedelcu, Bogdan Crețu, Adrian Cursaru, Cătălin Cîrstoiu. Utility of microcalorimetry in describing the growth curve of *C. albicans* at different temperatures – indentifying the optimal growth temperature. *Romanian Journal of Orthopaedic Surgery and Traumatology*, Volume 2, Issue 2, July-December 2019. pp:69-74. doi:10.2478/rojost-2019-0015
21. Ioana Crețu, Mihai Bojincă, Mihaela Milicescu, Teodora Șerban, Bogdan Crețu, Ruxandra Ionescu. Medical management of patients with inflammatory arthritis undergoing total hip arthroplasty and total knee arthroplasty. *Romanian Journal of Orthopaedic Surgery and Traumatology*, Volume 2, Issue 2, July-December 2019. pp:102-107. doi:10.2478/rojost-2019-0020
22. Periprosthetic fractures after total knee arthroplasty: review. Bogdan Crețu, Bogdan Șerban, Marius Zaharia, Cosmina Stoican. *Romanian Journal of Orthopaedic Surgery and Traumatology*, Volume 2, Issue 2, July-December 2019. pp:108-119. doi:10.2478/rojost-2019-0021
23. Review of current hallux valgus management options. Mihai Nica, Bogdan Crețu, Răzvan Ene, Bogdan Șerban, Cătălin Cîrstoiu. *Romanian Journal of Orthopaedic Surgery and Traumatology*, Volume 2, Issue 2, July-December 2019. pp:130-138. doi:10.2478/rojost-2019-0024.

24. Cirstoiu C, Cretu B, Sandu C, Dorobat B, Neagu A, Serban B. Failed Attempt of Total Hip Arthroplasty in a Patient with Klippel-Trenaunay Syndrome A Case Report. JBJS Case Connect. 2019 Oct 22. doi: 10.2106/JBJS.CC.19.00103.
25. Cretu B, Cirstoiu C, Cristea S. Current review of surgical management options for rotational alignment of the femoral and tibial component in total knee replacement. ROMANIAN JOURNAL OF MILITARY MEDICINE. 2019 AUG 122;2:16-20.
26. Cirstoiu C, Cretu B, Serban B, Panti Z, Nica M. Current review of surgical management options for extremity bone sarcomas. EFORT Open Rev. 2019 May 10;4(5):174-182. doi: 10.1302/2058-5241.4.180048. eCollection 2019 May.
27. Cîrstoiu C., & Crețu B. (2019). Emerging orthopaedics resident training programs, changing paradigms. This is the future., *Romanian Journal of Orthopaedic Surgery and Traumatology*, 2(1), 1-2. doi: <https://doi.org/10.2478/rojost-2019-0001>
28. Cirstoiu M., Baros A., Paulet F., Gradinaru-Fometescu D., Șerban B., Cretu B., & Cirstoiu C. (2019). Osseous metastases and ovarian cancer, *Romanian Journal of Orthopaedic Surgery and Traumatology*, 2(1), 32-34. doi: <https://doi.org/10.2478/rojost-2019-0007>
29. Cirstoiu M., Munteanu O., Bodean O., Paulet F., Șerban B., Cretu B., & Cirstoiu C. (2019). Incidence and location of bone metastases in breast cancer, *Romanian Journal of Orthopaedic Surgery and Traumatology*, 2(1), 28-31. doi: <https://doi.org/10.2478/rojost-2019-0006>
30. Cretu Ioana, Bojinca Mihai, Milicescu Mihaela, Cretu Bogdan, Ionescu Ruxandra. Immune Checkpoint Inhibitors and Rheumatic Adverse Events. *Romanian Journal of Rheumatology* 2018; 27(4): 143-147.
31. Cretu Bogdan Stefan, editor. Chapter "Managementul Leziunilor Specifice, Pelvis". Trauma, Seventh Edition by Kenneth L.Mattox, Ernest E.Moore, David V.Feliciano. Hipocrate, 2018.
32. Crețu, Bogdan Ștefan, Călin Dragosloveanu, Dragoș Cotor, Șerban Dragosloveanu, and Cristian Ioan Stoica. "The Impact of Extreme Genu Varum and Genu Valgum on Postoperative Outcomes Using Mini-subvastus Approach in TKA." *Romanian Journal of Orthopaedic Surgery and Traumatology*1, no. 1 (2018): 31-37. doi:10.2478/rojost-2018-0008.
33. Crețu, Bogdan Ștefan, Călin Dragosloveanu, Dragoș Cotor, Șerban Dragosloveanu, and Cristian Ioan Stoica. "Prediction of Fracture Risk and Prophylactic Intervention in Metastatic Bone Disease: A Systematic Review." *Romanian Journal of Orthopaedic Surgery and Traumatology* 1, no. 1 (2018): 44-49. doi:10.2478/rojost-2018-0010.
34. Crețu, Bogdan Ștefan, Călin Dragosloveanu, Dragoș Cotor, Șerban Dragosloveanu, and Cristian Ioan Stoica. "Postoperative TKA Alignment in Sagittal and Axial Plane, a Systematic Review." *Romanian Journal of Orthopaedic Surgery and Traumatology*1, no. 1 (2018): 50-57. doi:10.2478/rojost-2018-0011.
35. Dragosloveanu C., Dragosloveanu S., Cretu B. Management of rheumatoid arthritis with total knee arthroplasty: A systematic review. *Romanian Journal of Rheumatology* 2017; 26(4): 147-151.
36. Dragosloveanu C., Dragosloveanu S., Cretu B., Cretu I. Orthopaedic management in extreme genu valgum and recurvatum in a patient with rheumatoid arthritis. *Romanian Journal of Rheumatology* 2017; 26(3): 138-141.
37. Dragosloveanu S., Cretu B., Cristea S., Stoica C., Dragosloveanu C. Radiographic Evaluation of Alignment Following TKA, a Systematic Review. *MAEDICA – a Journal of Clinical Medicine* 2017; 12(3): 214-218.
38. Dragosloveanu S., Cristea S., Stoica C.I., Cretu B., Dragosloveanu C. (2017). Analiza complexa a osteotomiei tibiale inalte. Bucuresti: Editura medicala. ISBN: 978-973-39-0825-8

- Cursuri**
1. MicroPort, SuperPath Masterclass, October 14 2021, Essen, Germany
 2. MicroPort, Evolution Masterclass, October 15 2021, Essen, Germany
 3. CURRENT CONCEPTS IN JOINT REPLACEMENT, Winter 2019, December 11-15, 2019. Orlando, Florida
 4. 7th Annual ICJR Revision Hip & Knee Course, Rochester, MN, April 4-6, 2019
 5. Zimmer Biomet Educational Experience. An Interactive Hands-On Cadaveric Experience featuring Partial and Total Knee Arthroplasty, Revision Hip Arthroplasty, Virtual Reality, and the Cement Mix It Up Challenge. December 14, 2018. Hyatt Regency Grand Cypress, Orlando, Florida.
 6. CURRENT CONCEPTS IN JOINT REPLACEMENT, Winter 2018, December 12-15, 2018. Orlando, Florida
 7. 2nd Madrid Shoulder Course. October 18-19, Madrid, Spain.
 8. MUSCULOSKELETAL ONCOLOGY COURSE. A course of University of Padova, Department of Orthopedics and Orthopedic Oncology. September 13-15, Four Points by Sheraton Padova, Italy.
 9. Surgical Skills Workshop "CCeramic In Total Hip Replacement" during the 19 th EFORT Annual Congress held in Barcelona,, Spain from 30 May to 01 June 2018 .
 10. AOTrauma Course-Advanced Principles of Fracture Management, 19 Jul-22 Jul 2017, Poiana Brasov, Romania
 11. AOTrauma Course-Basic Principles of Fracture Management, 28 September-01 October 2016, Brdo pri Kranju, Slovenia
 12. EFORT Comprehensive Review Course (CRC) during the 16th Congress in Prague, on Thursday 28 May 2015
- Postere**
1. Cretu B, Ene R, Panti Z, Popa M, Nica M, Serban B, Cirstoiu C. Early Dislocation Rate After Total Hip Arthroplasty Done Through Posterolateral Approach, Without Postoperative Hip Precautions. EFORT Congress of the European Federation of National Associations of Orthopaedics and Traumatology held in Lisbon, Portugal, 05-07 June 2019.
 2. Nica M, Popa M, Ene R, Panti Z, Cretu B, Serban B, Cirstoiu C. Mid-Term Biomechanical Results Of Hallux Valgus Surgical Management Using Cortical Suspension Systems Combined With Soft Tissue Procedure. EFORT Congress of the European Federation of National Associations of Orthopaedics and Traumatology held in Lisbon, Portugal, 05-07 June 2019
 3. Cretu B., Dragosloveanu C., Dragosloveanu S., Cristea S., Stoica C.I. Short-Oblique 'Bikini' Incision Approach In Crowe I,II Dysplasia Hips. EFORT Congress of the European Federation of National Associations of Orthopaedics and Traumatology held in Barcelona, Spain, 30 May-1 June 2018.
 4. Cretu B., Dragosloveanu C., Dragosloveanu S., Stoian C., Andrei A., Stoica C.I. Post-Operative Acute Infection Rate After THA In Patients With Diabetes Mellitus: A Comparison Between Direct

Lateral Approach And Skin Crease 'Bikini' Incision Minimally Invasive Approach THA. EFORT Congress of the European Federation of National Associations of Orthopaedics and Traumatology held in Wien, Austria, 30 May-2 June 2017.

5. Cretu B., Dragosloveanu C., Dragosloveanu S., Stoian C., Andrei A., Stoica C.I. The Impact Of Extreme Genu Varum And Genu Valgum On Post-Operative Outcomes Using Mini Subvastus Approach In TKA. EFORT Congress of the European Federation of National Associations of Orthopaedics and Traumatology held in Wien, Austria, 30 May-2 June 2017.

6. Andrei A., Dragosloveanu C., Dragosloveanu S., Stoian C., Cretu B., Stoica C.I. Base Osteotomy In The Treatment Of Moderate Hallux Valgus - Poscow Vs. Scarf Procedure. EFORT Congress of the European Federation of National Associations of Orthopaedics and Traumatology held in Wien, Austria, 30 May-2 June 2017.

Proiecte Co-participation in European Project "SOL-2020-2 5 Dezvoltarea de soluții inovative pentru decontaminare împotriva virusului SARS CoV-2 (suprafețe, echipamente, spații închise și deschise)" – contract Nr 21Sol/2020 PN III, perioada 11/06/2020-10/09/2020

Co-founder and President of Asociația medicală sprijin pentru Spitalul Universitar de Urgență București, a nonprofit organization

Deputy / Managing Editor of Romanian Journal of Orthopaedic Surgery and Traumatology (ROJOST), <https://content.sciendo.com/view/journals/rojost/rojost-overview.xml>

Founding member of Romanian Journal of Orthopaedic Surgery and Traumatology (ROJOST) (first number in May 2018). Online ISSN: 2544-8978

Co-founder of Asociația Societatea Romana de Artroplastie (www.sroa.ro)/ Romanian Society for Arthroplasty, a nonprofit organization.