



PERSONAL INFORMATION **Bogdan Stefan Cretu**

WORK EXPERIENCE

- 01/2012–12/2014 **Student volunteer activity at Floreasca Emergency Hospital Bucharest (Romania)**  
Voluntate activity under coordination of Olivera Lupescu, MD , PhD , head of orthopaedic and traumatology department at Floreasca Emergency Hospital Bucharest, Romania.
- 01/01/2015–31/12/2020 **Orthopaedic and Traumatology Resident**  
Clinical Emergency Hospital Bucharest, Romania  
Calea Floreasca 8, București, 014461 Bucharest (Romania)  
<http://www.urgentafloreasca.ro>
- 01/01/2020–Present **University Emergency Hospital, BUcharest (Romania)**  
Orthopaedic and Traumatology Specialist
- 03/02/2020–Present **Carol Davila University of Medicine and Pharmacy, Bucharest (Romania)**  
Assist. Prof. at University Emergency Hospital; Department of Orthopaedics and Traumatology

EDUCATION AND TRAINING

- 01/10/2017–Present **PhD**  
University of Medicine and Pharmacy Carol Davila Bucharest, Bucharest (Romania)  
Subject: Evaluation of the errors in total knee arthroplasty and their consequences.
- 01/10/2008–20/06/2014 **Doctor of Medicine (M.D.)** EQF level 7  
Carol Davila Medicine and Pharmacy University, Bucharest (Romania)
- 09/2004–06/2008 **High School Diploma** EQF level 3  
National College „Mihai Viteazul”, Ploiesti (Romania)

PERSONAL SKILLS

Mother tongue(s) Romanian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	B2

French A1 A2 A2 A2 A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages - Self-assessment grid

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Independent user	Independent user	Basic user

Digital skills - Self-assessment grid

Driving licence B

ADDITIONAL INFORMATION

Publications

1. 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>
2. MI Popa, Adrian Cursaru, V Popa, A Muntean, S Bogdan, B Crețu, 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
3. 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.
4. Crețu I, Bojincă M, Milicescu M, Cursaru A, Șerban B, Crețu B, Iordache S, Pop CS, Cirstoiu 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.
5. George Pariza, Carmen I. Mavrodin, Valentina A. Buzatu, Natalia Turcan, Monica M. Cirstoiu, Bogdan Crețu, Catalin Cirstoiu. Negative-pressure wound therapy - advantages and disadvantages. *ROMANIAN JOURNAL OF MILITARY MEDICINE*. 2021 MAY 124;3:344-350.
6. Angelica Bratu, Adrian Cursaru, Oana Dumitrașcu, Adina Comănelea, Bogdan Crețu, Bogdan Șerban, Sergiu Iordache, Catalin Cirstoiu. 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.
7. Crețu Bogdan, editor, *Chirurgia generala si specialitati chirurgicale-2021-Editura Hipocrate*. ISBN:9786069517819
8. Monica Cirstoiu, Oana Bodean, Octavian Munteanu, Darius Brinzan, Bogdan Crețu, George Pariza, Popescu Dan, Catalin Cirstoiu. Bladder injury – A team challenge. *ROMANIAN JOURNAL OF MILITARY MEDICINE*. 2021 IAN 124;1:93-99.
9. Cursaru A, Crețu 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.
10. Catalin Cirstoiu, Bogdan Crețu, 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.
11. 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.
  12. Mihnea Popa, Vlad Popa, Bogdan Șerban, Radu Nedelcu, Bogdan Crețu, Adrian Cursaru, Cătălin Cirstoiu. 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
  13. Ioana Crețu, Mihai Bojină, 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
  14. 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
  15. Review of current hallux valgus management options. Mihai Nica, Bogdan Crețu, Răzvan Ene, Bogdan Șerban, Cătălin Cirstoiu. *Romanian Journal of Orthopaedic Surgery and Traumatology*, Volume 2, Issue 2, July-December 2019. pp:130-138. doi:10.2478/rojost-2019-0024.
  16. 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.
  17. 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.
  18. Cirstoiu C, Cretu B, Serban B, Pantli 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.
  19. Cirstoiu 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>
  20. 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>
  21. 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>
  22. Crețu Ioana, Bojină Mihai, Milicescu Mihaela, Crețu Bogdan, Ionescu Ruxandra. Immune Checkpoint Inhibitors and Rheumatic Adverse Events. *Romanian Journal of Rheumatology* 2018; 27(4): 143-147.
  23. Crețu Bogdan Ștefan, editor. Chapter "Managementul Leziunilor Specifice, Pelvis". Trauma, Seventh Edition by Kenneth L. Mattox, Ernest E. Moore, David V. Feliciano. Hippocrate. 2018.
  24. Crețu, Bogdan Ștefan, Călin Dragosloveanu, Dragoș Color, 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.

25. 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.
26. 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.
27. Dragosloveanu C., Dragosloveanu S., Crețu B. Management of rheumatoid arthritis with total knee arthroplasty: A systematic review. *Romanian Journal of Rheumatology* 2017; 26(4): 147-151.
28. Dragosloveanu C., Dragosloveanu S., Crețu B., Crețu I. Orthopaedic management in extreme genu valgum and recurvatum in a patient with rheumatoid arthritis. *Romanian Journal of Rheumatology* 2017; 26(3): 138-141.
29. Dragosloveanu S., Crețu 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.
30. Dragosloveanu S., Cristea S., Stoica C.I., Crețu B., Dragosloveanu C. (2017). *Analiza complexa a osteotomiei tibiale înalte*. București: Editura medicala. ISBN: 978-973-39-0825-8

- Courses
1. CURRENT CONCEPTS IN JOINT REPLACEMENT, Winter 2019, December 11-15, 2019. Orlando, Florida
  2. 7th Annual ICJR Revision Hip & Knee Course, Rochester, MN, April 4-6, 2019
  3. 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.
  4. CURRENT CONCEPTS IN JOINT REPLACEMENT, Winter 2018, December 12-15, 2018. Orlando, Florida
  5. 2nd Madrid Shoulder Course. October 18-19, Madrid, Spain.
  5. MUSCULOSKELETAL ONCOLOGY COURSE. A course of University of Padova, Department of Orthopedics and Orthopedic Oncology. September 13-15, Four Points by Sheraton Padova, Italy.
  7. Surgical Skills Workshop "CCeramic In Total Hip Replacement" during the 19th EFORT Annual Congress held in Barcelona,, Spain from 30 May to 01 June 2018 .
  8. AOTrauma Course-Advanced Principles of Fracture Management, 19 Jul-22 Jul 2017, Poiana Brasov, Romania
  9. AOTrauma Course-Basic Principles of Fracture Management, 28 September-01 October 2016,

Brdo pri Kranju, Slovenia

10. EFORT Comprehensive Review Course (CRC) during the 16th Congress in Prague, on Thursday 28 May 2015

Posters

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.

Projects

Co-founder 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](http://www.sroa.ro)) / Romanian Society for Arthroplasty, a nonprofit organization.

02. 11. 2021