

INFORMAȚII PERSONALE
Iordache Sergiu Andrei

EXPERIENȚA PROFESIONALĂ

01/01/2024-Prezent	Medic specialist Ortopedie-Traumatologie Spitalul Universitar de Urgență București (România)
01/01/2019–31/12/2023	Medic rezident Ortopedie-Traumatologie Spitalul Universitar de Urgență București (România)
01/03/2021-Prezent	Asistent universitar disciplina Ortopedie-Traumatologie Departamentul 14, UMF Carol Davila Bucuresti(Romania)
28/03/2020-Prezent	Membru in nucleul pentru evidentierea si raportarea SARS-COV2 Spitalul Universitar de Urgență București (România)
2013–2015	Voluntar medical Serviciul de Ambulanță București-Ilfov (România) Asistență medicală de urgență și prim ajutor în pre-spital
2013–2015	Voluntar Prim-ajutor "Există un erou în fiecare dintre voi" (România) Prim ajutor pentru solicitanții numărului de urgență 112 aflați pe domeniul public, înaintea sosirii echipajelor de urgență.

EDUCAȚIE ȘI FORMARE

22/01/2024	Certificat de Medic Specialist Ortopedie si Traumatologie Spitalul Universitar de Urgență București, București (România)
01/01/2019–31/12/2023	Medic rezident Ortopedie și Traumatologie Spitalul Universitar de Urgență București, București (România)
2011–2018	Diplomă de licență-Doctor Medic. Universitatea de Medicină și Farmacie "Carol Davila" -Facultatea de medicină generală, București (România) Dobândirea cunoștințelor generale teoretice și practice de medicină generală.
2020-Prezent	Doctorand UMF Carol Davila Bucuresti-Domeniul medicina Titlul tezei:"Expresia genica si factori imagistici de prognostic in evolutia gonartrozei".

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2007-2011	Diplomă Bacalaureat Colegiul Național "Sf. Sava", București (România) Profil: Matematică-Informatică
12/06-15/06/2025	Conferinta Nationala a Asociatiei pentru Ortopedie si Traumatologie Pediatrica-Editia 1, Poiana Brasov, Romania
28/04-30/04/2025	EMSOS 2025 37 th Annual Meeting of the European Musculo-Skeletal Oncology Society-Padova, Italia
01/11-02/11/2024	SOROT Conference 2024, K2 Alpin Conference Center/Poiana Brasov
13/06-15/06/2024	IOEN ROCHESTER Revision Course, Hands-On Cadaver Course, Hilton Rochester Mayo Clinic, Rochester, Minnesota, SUA
18/04-21/04/2024	Certificat de participare "Conferinta Societatii Romane de Oncologie Musculo-Scheletala-Editia a II a, Hotel Zenith, Mamaia, Romania
18/10-21/10/2023	Certificate of Attendance- The XX-th SOROT 2023 Congress, Sinaia, Romania
31/08-01/09/2023	Certificate of achievement – EEMEA Cadaver Shoulder Lab, ORSI Melle, Belgium-Hands On Course-Shoulder arthroscopy course
24-26/05/2023	Certificate of Attendance-24 th EFFORT CONGRESS, Vienna, Austria
19-20/05/2023	AO Trauma Blended Course-Advanced Principles of Fracture Management, Sinaia, Romania- Hands On Course
10-12/11/2022	Certificat de Participare Congresul Universitatii de Medicina si Farmacie "Carol Davila" din Bucuresti, Editia a-X-a
3-5/11/2022	Certificat de participare-SOROT Conference 2022-Kronwell Brasov Hotel
17-19/10/2022	Certificate of Attendance-EMSOS 34 th annual meeting of the European Musculo-Skeletal Oncology Society & 22 nd Nurse and Allied Professions Group Meeting-LONDON 2022
26-27/05/2022	AO Trauma Blended Course-Basic Principles of fracture management, Sibiu, Romania 2022- Hands On Course
01/12/2021-03/12/2021	Certificate EMSOS 2020-33 rd Annual Meeting European Musculo-Skeletal Oncology Society, Graz, Austria
25/11/2021-27/11/2021	Certificat de Participare Congresul Universitatii de Medicina si Farmacie "Carol Davila" din Bucuresti,

	Ediția a IX-a
21/04/2021-24/04/2021	Certificat de Participare Webinar a IX a Conferința a Colegiului Medicilor din Municipiul București
25/03/2021-27/03/2021	Certificate SRATS VIRTUAL CONGRESS 2021
7-8/10/2020	Certificat de participare SOROT 2020-Virtual Conference
16/10/2019	Course Participant Certificate AO Trauma Seminar-Fractures around the hip, București (România)
16/10/2019-18/10/2019	Certificat de Participare Al XVIII-lea Congres Național de Ortopedie și Traumatologie SOROT 2019, București (România)
10/10/2019-12/10/2019	Certificat de Participare Congresul Universității de Medicină și Farmacie Carol Davila București, Ediția a VII a, București (România)
19/03/2019-Prezent	Certificat de Membru Colegiul Medicilor București, București (România)
12/05/2017-13/05/2017	Certificate 15th Renal Failure Academy-First Romanian Conference on Nephro-Geriatric Medicine, București (România)
02/06/2016-04/06/2016	Certificat de Participare Congresul Universității de Medicină și Farmacie Carol Davila-București, Ediția a IV a, București (România)
28/05/2015-30/05/2015	Certificat de Participare Congresul Universității de Medicină și Farmacie Carol Davila București, ediția a III a, București (România)

COMPETENȚE PERSONALE

Limba(i) maternă(e) română

Limbile străine

engleză

franceză

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

Niveluri: A1 și A2: Utilizator elementar - B1 și B2: Utilizator independent - C1 și C2: Utilizator experimentat

Cadrul european comun de referință pentru limbi străine - Grila de auto-evaluare

Competențe de comunicare

Bune abilități de comunicare, muncă în echipă și mediere a situațiilor de urgență în urma activității ca medic rezident în camera de gardă și a voluntariatului alături de echipajele S.A.B.I.F.

Competențele digitale

AUTOEVALUARE				
Procesarea informației	Comunicare	Creare de conținut	Securitate	Rezolvarea de probleme
Utilizator independent	Utilizator independent	Utilizator independent	Utilizator independent	Utilizator independent

Competențele digitale - Grilă de auto-evaluare

Database Design and Programming-ORACLE Academy

Alte competențe

Certificat ALS

Dobândirea cunoștințelor teoretice și practice pentru Advanced Life Support.

Certificat BLS

Dobândirea cunoștințelor teoretice și practice pentru Basic Life Support.

Permis de conducere

A, B

ADDITIONAL INFORMATION

Publications

1. Iordache Sergiu, Serban Bogdan, Vlad Andreea, Cursaru Adrian
Short-term comparative results of segmental resection versus radical resection in two patients with myxofibrosarcoma of the limbs-case series. Romanian Journal of Orthopaedic Surgery and Traumatology- ROJOST, Volume 3, Issue 1, January-June 2020, pp:9-14;
<https://doi.org/10.2478/rojost-2020-0003>
2. Andrada Coșoreanu, Maria Băleanu, Emilia Rusu, Mihai Marinescu, Sergiu-Andrei Iordache, Andreea Maria Vlad, Florin Rusu, Georgiana Enache, Gabriela Radulian
Prevalence of limb amputations in a Roma population compared to Caucasians, in patients with diabetes mellitus. Romanian Journal of Orthopaedic Surgery and Traumatology- ROJOST, Volume 3, Issue 1, January-June 2020, pp:41-48; <https://doi.org/10.2478/rojost-2020-0007>
3. Mihnea Popa, Bogdan Serban, Sergiu Iordache, Alexandru Lupu, Georgian Iacobescu, Adrian Cursaru
Orthopedic surgery related infections; study of the importance of associated comorbidities in relationship with septic evolution. Romanian Journal of Orthopaedic Surgery and Traumatology, Volume 3, Issue 2,

December 2020, <https://doi.org/10.2478/rojost-2020-0015>

4. 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, vol.CXXIII, No.4/2020; DOI:[10.55453/rjmm.2020.123.4.6](https://doi.org/10.55453/rjmm.2020.123.4.6)

5. Sergiu Andrei Iordache, Adrian Cursaru, Bogdan Serban, Mihnea Ioan Gabriel Popa

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>

6. Dumitru Adrian, Ciongariu Ana, Alius Catalin, Dumitrescu Dan, Iordache Sergiu Andrei, Serban Bogdan, Ionescu Doris, Costache Mariana, Sajin Maria, 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>

7. Iordache Sergiu Andrei, Serban Bogdan, Popa Mihnea Ioan Gabriel, 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>

8. Mihnea Gabriel Ioan POPA, Adrian CURSARU, Tudor Vlad POPA , Andrei-Alexandru MUNTEAN, Șerban BOGDAN, Bogdan CREȚU, Sergiu IORDACHE and Cătălin CÎRSTOIU

Study of bacterial proliferation using a method that shows bacterial growth depending on the heat released – microcalorimetry. THE PUBLISHING HOUSE MEDICINE OF THE ROMANIAN ACADEMY. June 30 2021

9. Ioana Cretu, Mihai Bojinca, Mihaela Milicescu, Adrian Cursaru, Bogdan Serban, Bogdan Cretu, Sergiu Iordache, Corina Silvia Pop, Catalin Cirstoiu, Ruxandra Ionescu

Musculoskeletal adverse reactions after immunotherapy for cancer: A case series
Experimental and Therapeutic Medicine, vol.22, Issue 3, ISSN:1792-1015, <https://doi.org/10.3892/etm.2021.10459>

10. Angelica Bratu, Adrian Cursaru, Oana Dumitrascu, Adina Comanelea, Bogdan Cretu, Sergiu Iordache, Catalin Cirstoiu

The use of IPACK and the continuous adductor canal block in the perioperative management of total knee prosthesis. Vol. CXXIV • No. 2/2021 • May • Romanian Journal of Military Medicine. 124(2):238-243
DOI:10.55453/rjmm.2021.124.2.16

11. Adrian Cursaru, Bogdan Cretu, Bogdan Serban, Sergiu Iordache, Mihnea Popa, Catalin Gabriel Smarandache, Carmen Orban, Catalin Cirstoiu;
Minimally invasive treatment and internal fixation vs. extended lateral approach in calcaneus fractures of thalamic interest
vol.23, Exp Ther Med. 2022 Mar;23(3):196. doi: 10.3892/etm.2022.11119.
Epub 2022 Jan 5. PMID: 35126699; PMCID: PMC8794544.
12. MIHNEA POPA, ADRIAN CURSARU, VLAD POPA, ALEXANDRU MUNTEANU, BOGDAN ȘERBAN, BOGDAN CREȚU, SERGIU IORDACHE, CATALIN GABRIEL SMARANDACHE, CARMEN ORBAN and CĂTĂLIN CÎRSTOIU
Understanding orthopedic infections through a different perspective: Microcalorimetry growth curves-DOI: 10.3892/etm.2022.11189;
EXPERIMENTAL AND THERAPEUTIC MEDICINE 23: 263, 2022
13. Catalin Cirstoiu, Bogdan Cretu, Sergiu Iordache, Mihnea Popa, Bogdan Serban, Adrian Cursaru
Surgical management options for long-bone metastasis, EFORT OPEN REVIEWS, vol.7, Issue 3, DOI:<https://doi.org/10.1530/EOR-21-0119>
14. Costache Mihai Aurel, Iordache Sergiu Andrei, Serban Bogdan, Spiridonica Dumitru Razvan, Popa Mihnea Ioan Gabriel, Rascu Angel Stefan, Cursaru Adrian
Bone grafts versus synthetic bone substitutes in the treatment of benign bone tumors. Romanian Journal of Orthopaedic Surgery and Traumatology, Volume 4, Issue 2, July-December 2021
DOI:10.2478/rojost-2021-0012
15. Iordache Sergiu Andrei, Serban Bogdan, Popa Mihnea Ioan Gabriel, Costache Mihai, Cursaru Adrian, Dumitrescu Dan
Surgical management of bone metastasis located in the proximal femur-review of literature. Romanian Journal of Orthopaedic Surgery and Traumatology, Volume 4, Issue 2, July-December 2021
DOI:10.2478/rojost-2021-0013
16. Mihnea Popa, Bogdan Serban, Sergiu Iordache, Mihai Costache, Alexandru Lupu, Georgian Iacobescu, Adrian Cursaru
COVID-19 Era-Adapting treatment and education in the Orthopedics and Traumatology Department-review-Romanian Journal of Orthopaedic Surgery and Traumatology, Volume 4, Issue 2, July-December 2021
DOI:10.2478/rojost-2021-0015
17. Bogdan Cretu, Bogdan Serban, Sergiu Iordache, Adrian Cursaru, Mihai Costache, Catalin Cirstoiu
New anatomical landmark for rotational assessment of total knee

arthroplasty

Romanian Journal of Military Medicine, Vol. CXXV, No.3/2022; doi: 10.55453/rjmm.2022.125.3.15

18. Iordache, Sergiu Andrei, Crețu, Bogdan, Șerban, Bogdan, Cursaru, Adrian, Popa, Mihnea Ioan Gabriel and Cîrstoiu, 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>
19. Bogdan Cretu, Bogdan Serban, Sergiu Iordache, Adrian Cursaru, Mihai A.Costache, Catalin Cirstoiu
"Medial Pivot Knee in Total Knee Arthroplasty"-Romanian Journal of Military Medicine, vol.CXXVI, No.1/2023;
<https://doi.org/10.55453/rjmm.2023.126.1.14>
20. Bogdan Cretu, Catalin Cirstoiu, Bogdan Serban, Sergiu Iordache, Adrian Cursaru, Mihai Costache, Stefan Cristea
"Inadequate perioperative control of modifiable risk factors in total knee arthroplasty and implications on functional results"- Romanian Journal of Military Medicine, DOI: 10.55453/rjmm.2022.125.1.4
21. Sergiu Iordache, Adrian Cursaru, Bogdan Serban, Mihai Costache, Razvan Spiridonica, Bogdan Cretu, Catalin Cirstoiu
"Melorheostosis: A Review of the literature and a Case Report"- Medicina 2023, 59(5), 869; <https://doi.org/10.3390/medicina59050869>
22. Bogdan Cretu, Sergiu Iordache, Adrian Cursaru, Bogdan Serban, Mihai Costache, Catalin Cirstoiu, Razvan Spiridonica
"Metagenomic Next-Generation Sequencing for Periprosthetic Joint Infections" Cureus. 2023;15(5):e38726. Published 2023 May 8. doi:10.7759/cureus.38726
23. Sergiu Iordache, Mihai Costache, Adrian Cursaru, Bogdan Serban, Razvan Spiridonica, Mihnea Popa, Catalin Cirstoiu, Bogdan Cretu
"A narrative review of patellar resurfacing versus non-resurfacing in total knee arthroplasty", Cureus 2023; Published May 22, 2023, DOI:10.7759/cureus.39362
24. Cretu Bogdan, Costache Mihai, Cursaru Adrian, Serban Bogdan, Spiridonica Razvan, Popa Mihnea, Cirstoiu Catalin, Iordache Sergiu.
"Restoring Anatomical Features in Primary Total Knee Arthroplasty". Cureus. 2023 Jun 19;15(6):e40616. doi: 10.7759/cureus.40616. PMID: 37342300; PMCID: PMC10278159.
25. Adrian Cursaru, Sergiu Iordache*, Mihai Costache, Bogdan Serban, Mihnea Popa, Bogdan Cretu, Catalin Cirstoiu
Management of Acetabular Bone Loss in Hip Revision Arthroplasty: Case Series Presentation. Cureus 15(9): e45432. doi:10.7759/cureus.45432
26. Adrian Cursaru, Mihnea Popa*, Alexandru Lupu, Sergiu Iordache, Mihai

Costache, Bogdan Cretu, Bogdan Serban, Catalin Cirstoiu
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

27. Adrian Cursaru, Mihnea Popa*, Bogdan Cretu, Sergiu Iordache, Georgian L Iacobescu, Razvan Spiridonica, Angel Rascu, Bogdan Serban, Catalin Cirstoiu
Exploring Individualized Approaches to Managing Vancouver B Periprosthetic Femoral Fractures: Insights from a Comprehensive Case Series Analysis. Cureus 16(1), DOI:10.7759/cureus.53269
28. Mihnea Ioan Gabriel Popa, Adrian Cursaru, Bogdan Cretu, Sergiu Iordache, Georgian L Iacobescu, Razvan Spiridonica, Bogdan Serban, Catalin Cirstoiu
Enhancing Osteoporosis Management: A Thorough Examination of Surgical Techniques and Their Effects on Patient Outcomes. Cureus 16(5), May 2024, DOI:10.7759/cureus.59681
29. Bogdan Serban, Mihnea Ioan Gabriel Popa*, Adrian Cursaru, Bogdan Cretu, Georgian L. Iacobescu, Catalin Cirstoiu, Sergiu Iordache
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
30. Mihnea Popa, Bogdan Cretu*, Georgian L. Iacobescu, Sergiu Iordache, Adrian Cursaru, Bogdan Serban, Catalin Cirstoiu
Enhancing Outcomes in Prosthetic Joint Infections: The Significance of the Periprosthetic Joint Infection Tumor, Node, and Metastasis (PJI-TNM) Classification and Biodegradable Antibiotic Beads. Cureus 16(8): e66012. doi:10.7759/cureus.66012
31. Mihai Aurel Costache, Sergiu Iordache*, Adrian Cursaru, Mihnea Popa, Bogdan Serban, Bogdan Cretu, Andreea Marinescu, Catalin Cirstoiu
Enchondroma in the Fibular Diaphysis: A Case Report. Cureus 16(8): e67210. doi:10.7759/cureus.67210, (August 19, 2024)
32. Sergiu Iordache, Adrian Cursaru*, Bogdan Cretu, Cosmin-Florentin Niculae, Mihnea Popa, Mihai Aurel Costache, Bogdan Serban, Catalin Cirstoiu
Predictive Factors for Total Knee Arthroplasty: An Observational Study. Cureus 16(8): e67519. doi:10.7759/cureus.67519, (August 22, 2024)
33. Sergiu Iordache, Adrian Cursaru*, Andreea Marinescu, Bogdan Cretu, Mihnea Popa, Mihai Aurel Costache, Bogdan Serban, Catalin Cirstoiu
Magnetic Resonance Imaging Features and Functional Score in Patients Requiring Total Knee Arthroplasty. Cureus 16(9): e68595. doi:10.7759/cureus.68595, (September 04, 2024)
34. Emanuel-Cristian Sandu, Bogdan Serban, Sergiu Iordache, Adrian

- Cursaru, Mihai Aurel Costache, Adrian Dumitru, Catalin Cirstoiu
Immunohistochemistry Study of Antimicrobial Peptides as a Future
Diagnostic and Prognostic Tool for Periprosthetic Joint Infections. *Cureus*
16(9): e69629. doi:10.7759/cureus.69629, (September 18, 2024).
35. Emanuel-Cristian Sandu, Adrian Cursaru, Sergiu Iordache, Bogdan
Serban, Mihai Aurel Costache, Catalin Cirstoiu
Utility of Matrix-Assisted Laser Desorption Ionization Time-of-Flight Mass
Spectrometry in Periprosthetic Joint Infection Diagnosis, *Cureus* 16(10):
e70650. doi:10.7759/cureus.70650, (October 01, 2024)
 36. Razvan Spiridonica, Mihnea Popa, Adrian Cursaru, Georgian L.
Iacobescu, Mihai Nica, Mihai A. Costache, Sergiu Iordache, Bogdan
Serban, Bogdan Cretu
Atypical Periprosthetic Joint Infection Post-Total Knee Arthroplasty: A Case
of *Actinomyces europaeus*, *Cureus* 16(10): e70973.
doi:10.7759/cureus.70973, October 07/2024
 37. Adrian Cursaru, Raluca Cursaru, Sergiu Iordache, Mihai Aurel Costache,
Bogdan Stefan Cretu, Bogdan Serban, Mihnea Ioan Gabriel Popa, Catalin
Cirstoiu
The use of Dissolvable Synthetic Calcium Impregnated with Antibiotic in
Osteoarticular Infection in Patients with Diabetes. *Life* 2024, 14, 1335.
<https://doi.org/10.3390/life14101335>, published 20/oct/2024
 38. Bogdan Serban, Eugen Radu, Adrian Cursaru, Bogdan Stefan Cretu,
Sergiu Andrei Iordache, Madalina Cirmu, Cosmin Florentin Niculae, Catalin
Florin Cirstoiu
Survival prognostic factors and molecular aspects in extremity soft tissue
sarcoma
Journal of Mind and Medical Sciences 2024;11(2):388-395,
doi:10.22543/2392-7674.1528, Published October 30, 2024
 39. Sergiu Iordache, Adrian Cursaru, Mihai Aurel Costache, Razvan
Spiridonica, Gafita Elena, Lana Jiroudi, Raluca Cursaru
Predictive Factors for Cut-Out Risks of Unstable Trochanteric Fractures,
Cureus (November 24, 2024) 16(11): e74355. doi:10.7759/cureus.74355
 40. Emanuel-Cristian Sandu, Adrian Cursaru, Bogdan Serban, Sergiu
Iordache, Mihai Aurel Costache, Catalin Cirstoiu
Is the Presence of Sinus Tract in Periprosthetic Joint Infection Still One of
the Main Deciding Factors for Septic Revision? *Cureus* 16(12): e75379.
doi:10.7759/cureus.75379, (December 09/2024)
 41. Bogdan Serban, Adrian Cursaru, Sergiu Iordache, Mihai Costache,
Bogdan Cretu, Adrian Dumitru and Catalin Cirstoiu
Soft-Tissue Sarcomas—A Correlation Among Tumor Margin Infiltration,
Immunological Markers, and Survival Rate *Int. J. Mol. Sci.* 2025, 26(9),
4363; <https://doi.org/10.3390/ijms26094363> Submission received: 2 March
2025 / Revised: 26 April 2025 / Accepted: 28 April 2025 / Published: 3 May
2025
 42. Sergiu Andrei Iordache, Adrian Cursaru*, Bogdan Serban, Irina Anca

Eremia, Corneliu Ovidiu Vrancianu, Marian Constantin, Sergiu Stanciu, Florin Catalin Cirstoiu

Unveiling Prognostic and Diagnostic Biomarkers in Knee and Hip Osteoarthritis: A Targeted Review. *Discovery Medicine* 2025; 37(197): 960–975

<https://doi.org/10.24976/Descov.Med.202537197.86> Published: 9 June 2025

43. Andrei Danet, Razvan Spiridonica, Georgian L Iacobescu, Sergiu Iordache, Mihnea Popa, Angel Stefan Rascu, Catalin Cirstoiu
Duration of Hospitalization for Hip Arthroplasty: Influence of Clinical-Biological Factors and Timing of the Intervention *Cureus*. 2025 May 11;17(5):e83876. doi: 10.7759/cureus.83876. eCollection 2025 May
44. Emanuela Elena Mihai, Matei Teodorescu, Sergiu Iordache, Catalin Cirstoiu, Mihai Berteanu.
Tailored Rehabilitation Program and Dynamic Ultrasonography After Surgical Repair of Bilateral Simultaneous Quadriceps Tendon Rupture in a Patient Affected by Gout: A Case Report. *Healthcare* 2025, 13, 1830, <https://doi.org/10.3390/healthcare13151830>
45. Andrei Danet, Razvan Spiridonica, Georgian Iacobescu, Adrian Cursaru, Bogdan Cretu, Bogdan Serban, Sergiu Iordache, Antonio-Daniel Corlatescu, Catalin Cirstoiu
Predictive Model for Estimating the Length of Stay in Hip Arthroplasty Patients by Machine Learning-H.I.P.O Score *Life (Basel)*. 2025 Sep 7;15(9):1408. doi: 10.3390/life15091408. PMID: 41010350; PMCID: PMC12471841.
46. Andrei Danet, Razvan Spiridonica, Georgian L Iacobescu, Sergiu Iordache , Mihnea Popa, Angel Stefan Rascu, Catalin Cirstoiu
Correction: Duration of Hospitalization for Hip Arthroplasty: Influence of Clinical-Biological Factors and Timing of the Intervention *Cureus*. 2025 Sep 5;17(9):c283. doi: 10.7759/cureus.c283. Erratum for: *Cureus*. 2025 May 11;17(5):e83876. doi: 10.7759/cureus.83876. PMID: 40917920; PMCID: PMC12413774.
47. Iordache Sergiu Andrei, Cursaru Adrian, Serban Bogdan, Popa Mihnea Georgian, Costache Mihai Aurel, Stanciu Sergiu, Cretu Bogdan Stefan, Cirstoiu Florin Catalin. Serum and Clinical Factors Associated with Total Knee Arthroplasty in Patients with Knee Osteoarthritis. *Life*. 2026; 16(2):232. <https://doi.org/10.3390/life16020232>
48. Bogdan Serban, Adrian Cursaru, Sergiu Iordache, Bogdan Cretu, Mihai Nica, Georgian Iacobescu, Mihnea Popa, Eugen Radu, Madalina Cirnu, Catalin Cirstoiu
Molecular Characterization of Soft Tissue Sarcomas Using RNA-Based Next-Generation Sequencing, *Int J Mol Sci*. 2026 Mar 16;27(6):2699. doi: 10.3390/ijms27062699. PMID: 41898560; PMCID: PMC13026488.

Invited speaker

Case report on bone metastases- "Proximal femur replacement in a case of proximal femur metastasis"; Sesion: A multidisciplinary approach for patients with bone metastases, Chairmen: Prof.Andreas Leithner, Prof. Andrea Angelini- The XX-th SOROT 2023 Congress, Sinaia, Romania

Lector in cadrul celei de-a XVII-a editii a proiectului Zilele Educatiei Medicale, organizata de Societatea Studentilor in Medicina din Bucuresti, in perioada 15-24 martie 2024, Amfiteatrul Facultatii de Medicina si Farmacie " Carol Davila"- Bucuresti, Romania

"Tehnici chirurgicale avansate în reconstrucția membrelor după rezecția tumorală: experiența cu endoproteze la adolescenți și adulți" Sesion: Tumori și Malformații Moderator: Mădălina Carp, Costel Vlad- Conferinta Nationala a Asociatiei pentru Ortopedie si Traumatologie Pediatria-Editia 1, Poiana Brasov, Romania

"Lecturer in the workshop entitled"Arthroscopy 101: The Knee from screen to Incision" held on the 10th May 2025 by the Orthopedics and Traumatology Student Club-Centrul de Inovatie si E-health-UMFCD, Bucuresti, Romania

"Membru al juriului in cadrul "Sesiunii de Comunicari Stiintifice cu tema Chirurgie Ortopedica si Traumatologie"-13/05.2025 in Amfiteatrul din cadrul Spitalului Clinic de Nefrologie "Dr.Carol Davila"

"Lecturer at the conference entitled "Orthobasics-2nd Edition"-12th December 2025 by the Orthopedics and Traumatology Student Club

Jury member of the Oral Presentations at the 9th edition of the International Medical Students' Congress of Bucharest organized by the Medical Students' Society of Bucharest under the aegis of Carol Davila University of Medicine and Pharmacy of Bucharest-3rd-7th December 2025, Bucharest, Romania

Speaker în cadrul ediției XIX a proiectului Zilele Educației Medicale organizată de Societatea Studenților în Medicină din București în perioada 13-22 martie 2026

Speaker în cadrul Conferinței Interdisciplinare de Oncologie- Oncologie Ortopedică și Uro-Ginecologică, Ediția a III a, 26-28 martie 2026, Hotel Europa, Eforie Nord, ROMSOS

Posters

Sergiu Iordache, Catalin Cirstoiu, Cristian Sandu, Dan Anghelescu, Bogdan Serban

"Comparative results of segmental resection versus radical resection in patients with myxofibrosarcoma of the limbs"-EMSOS 2021-33rd annual meeting

Bogdan Serban, Florin-Catalin Cirstoiu, Adrian Cursaru, Sergiu Iordache, Bogdan Cretu

"Multifocal Leiomyosarcoma of the thigh. A case report"- EMSOS 2021-33rd annual meeting

Sandu Cristian, Florin-Catalin Cirstoiu, Cretu Bogdan, Sergiu Iordache, Bogdan Serban

"A case report of rare biological reconstruction technique in a patient with elbow synovial sarcoma"- EMSOS 2021-33rd annual meeting

Sergiu Andrei Iordache, Cursaru Adrian, Bogdan Stefan Cretu, Bogdan Serban, Mihnea Ioan Popa, Catalin Florin Cirstoiu
Diagnostic and therapeutic considerations in the rare case of a hemosiderotic fibrolipomatous tumor of the foot-case report- EMSOS 34th annual meeting LONDON 2022

Bogdan Stefan Cretu, Sergiu Andrei Iordache, Bogdan Serban, Mihai Aurel Costache, Adrian Cursaru, Catalin Florin Cirstoiu
Therapeutic considerations for the treatment of long-bone metastasis- EMSOS 34th annual meeting LONDON 2022

Dr Mihnea Ioan Gabriel Popa, Dr Adrian Cursaru, Dr Sergiu Iordache, Dr Bogdan Cretu, Dr Bogdan Serban, Prof Catalin Florin Cirstoiu
The role of surgery and the impact of Renal Cell Carcinomas bone metastasis in patients with risk of severe skeletal-related events- EMSOS 34th annual meeting LONDON 2022

Dr Mihnea Ioan Gabriel Popa, Dr Bogdan Serban, Dr Bogdan Cretu, Dr Sergiu Iordache, Dr Mihai Costache, Dr Adrian Cursaru, Prof Catalin Florin Cirstoiu
Options and Challenges when treating Bone Metastatic Renal Cell Carcinoma- EMSOS 34th annual meeting LONDON 2022

Oral Presentations

Bogdan Stefan Cretu, Sergiu Andrei Iordache, Bogdan Serban, Mihai Aurel Costache, Adrian Cursaru, Catalin Florin Cirstoiu
Surgical management options for long-bone metastasis-EMSOS 34th annual meeting LONDON 2022

Cursaru Adrian, Cretu Bogdan, Serban Bogdan, Iordache Sergiu, Cirstoiu Catalin
Concepte moderne in artroplastia la pacientul tanar.
Conferinta IMUNOPEDIA 7-9 decembrie 2022

Mihnea Popa, Sergiu Iordache, Florin-Catalin Cirstoiu
Tendinte actuale in identificarea si decizia terapeutica in cadrul infectiilor osteoarticulare
Conferinta Aniversara Spitalul Universitar de Urgenta Bucuresti-45 de ani
26-28/09/2023-SUUB

Lucrari de licenta

"Factori de prognostic pre- si post-operatorii în evoluția gonartrozei"-Lucrare de licenta in cadrul departamentului de Ortopedie si Traumatologie a Spitalului Universitar de Urgenta Bucuresti-UMF Carol Davila Bucuresti-Facultatea de Medicina-septembrie 2023
Absolvent: Abboud M. Nidal
Coordonator stiintific: Prof.Dr.Cirstoiu Catalin Florin
Indrumator stiintific: As.Univ.Dr.Iordache Sergiu Andrei

"Factori de prognostic pentru riscul de cut-out in cazul fracturilor trohanteriene instabile"
Lucrare de licenta in cadrul departamentului de Ortopedie si Traumatologie a Spitalului Universitar de Urgenta Bucuresti-UMF Carol Davila Bucuresti-Facultatea de Medicina-septembrie 2024
Absolvent: Gafita Elena
Coordonator stiintific: Prof.Dr.Cirstoiu Catalin Florin
Indrumator stiintific: As.Univ.Dr.Iordache Sergiu Andrei

"Factori de risc pentru pseudartroza in tratamentul chirurgical al fracturilor de pilon tibial"-
Lucrare de licenta in cadrul departamentului de Ortopedie si Traumatologie a Spitalului
Universitar de Urgenta Bucuresti-UMF Carol Davila Bucuresti-Facultatea de Medicina-
septembrie 2024

Absolvent: Furtuna Petru Alexandru

Coordonator stiintific: Prof.Dr.Cirstoiu Catalin Florin

Indrumator stiintific: As.Univ.Dr.Iordache Sergiu Andrei

"Prognostic factors for predicting outcomes after closed reduction and osteosynthesis of
tibial fractures"- Lucrare de licenta in cadrul departamentului de Ortopedie si Traumatologie
a Spitalului Universitar de Urgenta Bucuresti-UMF Carol Davila Bucuresti-Facultatea de
Medicina-septembrie 2025

Absolvent: Ayesha A. Mamoon

Coordonator stiintific: Prof.Dr.Cirstoiu Catalin Florin

Indrumator stiintific: As.Univ.Dr.Iordache Sergiu Andrei

"Prognostic factors and epidemiology of distal radius fractures"- "- Lucrare de licenta in
cadrul departamentului de Ortopedie si Traumatologie a Spitalului Universitar de Urgenta
Bucuresti-UMF Carol Davila Bucuresti-Facultatea de Medicina-septembrie 2025

Absolvent: Chebbi S. Zeineb

Coordonator stiintific: Prof.Dr.Cirstoiu Catalin Florin

Indrumator stiintific: As.Univ.Dr.Iordache Sergiu Andrei

Contributions BOOKS

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