

IOSUD - UNIVERSITATEA „DUNĂREA DE JOS” DIN GALAȚI

Memoriul științific al studentului doctorand

MEMORIU ȘTIINȚIFIC Drd. Aurelian-Dunitrache Anghel

Studii de doctorat

Perioada: 2018-2022

Conducător științific: Prof.univ.dr.habil Iuliu Fulga

Domeniul de doctorat: **Medicină**

Titlul tezei de doctorat: **ANALIZA ȘI PREDICȚIA COMPLICAȚIILOR MEDICO-LEGALE A FRACTURILOR SCHELETULUI MEMBRULUI PELVIN PRIN INTELIGENȚĂ ARTIFICIALĂ**

Activitate științifică

A. Listade lucrări științifice (articole în reviste sau volume)

- **Anghel, A. D.**, Marina, V., Dragomir, L., Moscu, C. A., Fulga, I., Anghel, M., & Popescu, C. M. (2024). Artificial Intelligence Applied in Early Prediction of Lower Limb Fracture Complications. *Clinics and Practice*, 14(6), 2507. <https://doi.org/10.3390/clinpract14060197>. Studiul este abordat în capitolul 3.
- **Anghel, A. D.**, Marina, V., Dragomir, L., Moscu, C. A., Anghel, M., & Anghel, C. (2024). Predicting Deep Venous Thrombosis Using Artificial Intelligence: A Clinical Data Approach. *Bioengineering*, 11(11), 1067 <https://doi.org/10.3390/bioengineering11111067>. Studiul este prezentat în capitolul 4.
- **Anghel, A.** (2024). The Impact of Psychosomatic Disorders and Forensic Consequences in Patients with Hip Fractures. *BRAIN. Broad Research in Artificial Intelligence and Neuroscience*, 15(3), 301-313. <https://orcid.org/0009-0005-6669-1398>. Studiul este cuprins în capitolul 5.

ALTE PUBLICAȚII

Lucrări științifice publicate în reviste indexate Web of Science-WoS (ISI)

- P. Iacobescu; V. Marina; C. Anghel; **A.D. Anghel**. Evaluating Binary Classifiers for Cardiovascular Disease Prediction: Enhancing Early Diagnostic Capabilities. *J. Cardiovasc. Dev. Dis.* 2024, Volume 11, Issue 12, 396
- Dragomir L, Marina V, **Anghel A-D**, Anghel M, Moscu C-A. The Prevalence of ST-Segment Elevation Myocardial Infarction in Patients Presenting in the Emergency Service of Galati Hospital from 2015 to 2019. *Clinics and Practice*. 2024; 14(4):1417-1429. IF (2023) 1.7; Q2; <https://doi.org/10.3390/clinpract14040114>.



- Anghel M., Marina V, **Anghel A-D**, Moscu C-A, Dragomir L. Negative Factors Influencing Multiple-Trauma Patients. *Clinics and Practice*. 2024; 14(4):1562-1570. IF (2024) 1.7; Q2; <https://doi.org/10.3390/clinpract14040126>.
- Anghel M., Marina V, Moscu CA, Dragomir L, **Anghel AD**, Lescai AM. Emotional Distress in a Patients Following Polytrauma. *J Multidiscip Healthc*. 2023 Apr 27;16:1161-1170. doi: 10.2147/JMDH.S405904. IF (2023) 2.7; Q2
<https://pubmed.ncbi.nlm.nih.gov/37138947/>.
- Anghel M., Marina V., Moscu, C. A., Romila, A., Dragomir, L., **Anghel, A.-D.**, & Lescai, A.-M. (2023). Use of the WBSI Questionnaire in a Study Group of Patients With Polytrauma During the Period 2015-2021. *BRAIN. Broad Research in Artificial Intelligence and Neuroscience*, 14(3), 36-50. IF (2023) 0.8; Q4. <https://doi.org/10.18662/brain/14.3/460>.
- Dragomir L, Marina V, Anghel M, **Anghel A-D**, Moscu CA. Incidence of Intoxications in the Emergency Department of Galati Hospital with Examples of Cardiovascular Effects of MDMA Intoxication. *Diagnostics*. 2023; 13(5):940. IF (2023) 3, Q1; <https://doi.org/10.3390/diagnostics13050940>.
- Moscu, C.-A., Marina, V., **Anghel, A.-D.**, Anghel, M., Dragomir, L., & Ciubara, A. (2023). Relationship Between Feelings and Risk of Burnout Syndrome to the Medical Staff in the Emergency Department of Galati Hospital During the Covid 19 Pandemic Period. *BRAIN. Broad Research in Artificial Intelligence and Neuroscience*, 14(3), 51-75. IF (2023) 0.8; Q4; <https://doi.org/10.18662/brain/14.3/461>.
- Moscu C-A, Marina V, Dragomir L, **Anghel A-D**, Anghel M. The Impact of Burnout Syndrome on Job Satisfaction among Emergency Department Nurses of Emergency Clinical County Hospital “Sfântul Apostol Andrei” of Galati, Romania. *Medicina*. 2022; 58(11):1516. IF (2021) 2.94; Q1; <https://doi.org/10.3390/medicina58111516>.
- Moscu, C.-A. ., Anghel, M. ., Dragomir, L. ., Munteanu, S. ., **Anghel, A. .**, & Nechita, A. . (2022). The Effects of SARS COV 2 Infection –Does a Depression Pandemic Follow?. *BRAIN. Broad Research in Artificial Intelligence and Neuroscience*, 13(1Sup1), 113-123. IF (2022) 2.3; <https://doi.org/10.18662/brain/13.1Sup1/307>.
- Moscu, C. A., Marina, V., Anghel, M., **Anghel, A. D.**, & Dragomir, L. (2022). Did Personality Type Influence Burn Out Syndrome Manifestations During Covid-19 Pandemic?. *International journal of general medicine*, 5487-5498.; <https://doi.org/10.2147/IJGM.S353405>.



- Dragomir L, Marina V, Anghel M, **Anghel A-D**. Clinical or Imaging Diagnosis of the Current Medical Practice for Superior Vena Cava Syndrome? *Diagnostics*. 2021; 11(11):2058. IF (2020) 3.1; Q1; <https://doi.org/10.3390/diagnostics11112058>.
- Moscu, C. A., Anghel, M., Dragomir, L., Munteanu, S., **Anghel, A.**, Nechita, A., & Ciubară, A. (2021). Emotional exhaustion and professional satisfaction during Covid-19 pandemic at the level of emergency department staff. *BRAIN. Broad Research in Artificial Intelligence and Neuroscience*, 12(2), 265-278. <https://brain.edusoft.ro/index.php/brain/article/view/1153>.

Lucrări științifice publicate în reviste indexate în alte baze de date internaționale

- Marina, V., Anghel, M., Dragomir, L., **Anghel, A. D.**, Stefanopol, I. A., & Ciorte, D. A. (2021) The lower limb amputation to a child following a road traffic accident. *Rheumatology and Orthopedic Medicine*, vol 6:1-4, ISSN: 2399-7370, doi: 10.15761/ROM.1000188.

Lucrări științifice publicate în volumele unor manifestări științifice

- Anghel M., Moscu C.A., Caluian M., Dragomir L., Lescai A.M., **Anghel A.D.** "Risks in orthopedic and trauma surgery during the COVID-19 pandemic". XXXIVth edition of the National Conference of the Pediatrics Days of Iasi "N.N. Trifan", Iași, 15th and 18th June 2022. *Pediatrie2022_VolumRezumat.pdf* (zilelepediatriei.ro)
- Anghel M., Moscu C.A., Caluian M., Dragomir L., Lescai A.M., **Anghel A.D.** „The role of the multidisciplinary team in increasing the quality of life in the case of child traumatic amputation”. XXXIVth edition of the National Conference of the Pediatrics Days of Iasi "N.N. Trifan", Iași, 15th and 18th June 2022. *Pediatrie2022_VolumRezumat.pdf* (zilelepediatriei.ro)
- Moscu C.A., Caluian M., Dragomir L., Lescai A.M., **Anghel A.D.** Anghel M., „Management of dog bites in children: case presentation”. XXXIVth edition of the National Conference of the Pediatrics Days of Iasi "N.N. Trifan", Iași, 15th and 18th June 2022. *Pediatrie2022_VolumRezumat.pdf* (zilelepediatriei.ro)



- Dragomir L., Anghel M., Munteanu A., Moscu C.-A., Munteanu S.N., **Anghel A.-D.**, Nechita A. 2021. “A nonspecific presentation of aneurysm ruptured by the abdominal aorta”. 9th edition of the Scientific Conference of Doctoral Schools of Dunarea de Jos University, Galați, 10th and 11th June 2021
- Moscu C.-A., Dragomir L., Anghel M., **Anghel A.**, Nechita A., Ciubara A., “The influence of the personality type in the manifestation of the burnout syndrome in the Covid-19 pandemic - prospective study on the medical staff from the emergency department of “Sf. Andrew” Emergency Hospital Galați, Romania”; 9th edition of the Scientific Conference of Doctoral Schools of Dunarea de Jos University, Galați, 10th and 11th June 2021
- Moscu, C.A., Anghel M., Dragomir L., Munteanu S, **Anghel A.**, Nechita A., and Ciubară A. “Emotional Exhaustion and Professional Satisfaction During Covid-19 Pandemic at the Level of Emergency Department Staff”; 5th edition of European Conference of Psychiatry and Mental Health “Galatia 2021”, 21th and 25th April 2021
- Moscu, C.A., Anghel M., Dragomir L., Munteanu S, **Anghel A.**, Nechita A., and Ciubară A. 2021. “The Effects of SARS COV 2 Infection –Does a depression pandemic follow?” ”; 5th edition of European Conference of Psychiatry and Mental Health “Galatia 2021”, 21th and 25th April 2021
- **Anghel A.-D.**, Firescu D., Ciubara A.-M.; Papuc A.-M.; Elkan E.-M.; Barbu R.-E.; I.A. Stefanopol; C.-A. Moscu; M. Barbuta; L. Dragomir; Anghel M., “ Particularități ale recuperării neuropsihomotorii post traumatisme ortopedice, pe perioada pandemiei”. 5th edition of European Conference of Psychiatry and Mental Health “Galatia 2021”, 21th and 25th April 2021
- Anghel M., Moscu C.-A., Dragomir L., Lescai A.M., Polinschi M., **Anghel A.**, S.N. Munteanu, Nechita A.. Emotional stress in patients with polytrauma. 11th Edition of SCDS-UDJG, 8th and 9th of June 2023. Perspectives and challenges in doctoral research <https://cssdudjg.ugal.ro/images/2023/08/Program%20CSSD%202023.pdf>
- Moscu C.A., Anghel M., Dragomir L., Munteanu S., **Anghel A.**, Nechita A., and Ciubară A. Assessing the relationship between burnout syndrome and job satisfaction in the context areas of work life. 11th Edition of SCDS UDJG, 8th and 9th of June 2023 Perspectives and challenges in doctoral research <https://cssdudjg.ugal.ro/images/2023/08/Program%20CSSD%202023.pdf>



- Lescai A.M, Anghel M., Marina V., Moscu C.A, Dragomir L., **Anghel A.-D.**, Romila A., Popazu C.R.. The white bear. 11th Edition of SCDS-UDJG, 8th and 9th of June 2023 Perspectives and challenges in doctoral research :
<https://cssdudjg.ugal.ro/images/2023/08/Program%20CSD%202023.pdf>
- Dragomir L., Moscu C., Anghel M., Micu M., **Anghel A.**, Nechita A., Călin M.A.. Riscul suicidal prin intoxicații asociat depresiei nediagnosticate
<https://www.galatia.ugal.ro/index.php/en/programme>
- Moscu C.A., Anghel M., Dragomir L., **Anghel A.**, Munteanu S.N., Nechita A., Ciubara A., “The impact of burnout syndrome on job satisfaction among emergency department nurses”; 10th edition of the Scientific Conference of Doctoral Schools of Dunarea de Jos University, Galați, 9th and 10th June 2022. Program_detaliat_al_conferintei_2022.pdf (ugal.ro)
- **Anghel A.D.**, Anghel M., Moscu C., Dragomir L., Munteanu S.N, Arbune M., “Approach to the polytraumatized patient”; 10th edition of the Scientific Conference of Doctoral Schools of Dunarea Jos University, Galați, 9th and 10th June 2022. Program_detaliat_al_conferintei_2022.pdf (ugal.ro)
- M. Anghel, C.A. Moscu, Dragomir L., Lescai A.M., **Anghel A.**, Munteanu S.N., Nechita A., “Peculiarities of Polytraumatized Patient Management during Air Transfer”; 10th edition of the Scientific Conference of Doctoral Schools of Dunarea de Jos University, Galați, 9th and 10th June 2022. Program_detaliat_al_conferintei_2022.pdf (ugal.ro)
- Moscu C.A., Anghel M., Dragomir L., Munteanu S., **Anghel A.**, Nechita A., and Ciubară A. “The prevalence of burnout syndrome among emergency department nurses”; 6th edition of European Conference of Psychiatry and Mental Health “Galatia 2022”, 23th and 27th April 2022
- Dragomir L., Nechita A., **Anghel A.D.**, Moscu C.A., Munteanu S.N., Caluian M., M. Anghel, A.M. Lescai “Case report – studiu asupra evoluțiilor diferite a doi pacienți admiși la UPU pentru intoxicație acută cu MDMA”. 6th edition of European Conference of Psychiatry and Mental Health “Galatia 2022”, 23th and 27th April 2022

Student-doctorand

Aurelian-Dumitrache Anghel

