**Lista completă publicaţii**

Braicu, V.; Fulger, L.; Nelluri, A.; Maganti, R.K.; Shetty, U.S.A.; Verdes, G.;

Brebu, D.; Dumitru, C.; Toma, A.-O.; Rosca, O.; et al. Three-Year Analysis of the Rectal Cancer Care Trajectory after the COVID-19 Pandemic. *Diseases* 2023, *11*, 181. https://doi.org/10.3390/diseases11040181

Hosin, S.; Vermesan, D.; Deleanu, B.; Pop, D.; Crisan, D.; Al-Qatawneh, M.; Mioc,

M.; Faur, C.; Rosca, O.; Prejbeanu, R. Correlation between Ankle Imaging Findings and Self-Reported Outcomes: A Longitudinal Assessment in Patients with Tibiofibular Diastasis. *J. Clin. Med.* 2023, *12*, 7239. https://doi.org/10.3390/jcm12237239

Sanda, I.-I.; Hosin, S.; Vermesan, D.; Deleanu, B.; Pop, D.; Crisan, D.; Al-

Qatawneh, M.; Mioc, M.; Prejbeanu, R.; Rosca, O. Impact of Syndesmotic Screw Removal on Quality of Life, Mobility, and Daily Living Activities in Patients Post Distal Tibiofibular Diastasis Repair. *Medicina* 2023, *59*, 2048. https://doi.org/10.3390/medicina59122048

Gruescu, A.C.S.; Popoiu, C.; Levai, M.C.; Burtic, S.R.; Sanda, I.I.; Neda-Stepan,

O.; Rosca, O.; Fericean, R.M.; Dumitru, C.; Stelea, L. Stress Dynamics in Families with Children with Neuropsychiatric Disorders during the COVID-19 Pandemic: A Three-Year Longitudinal Assessment. *J. Clin. Med.* 2023, *12*, 7170. https://doi.org/10.3390/jcm12227170

Bălă, G.-P.; Rosca, O.; Bratosin, F.; Shetty, U.S.A.; Vutukuru, S.D.; Sanda, I.-I.;

Marc, M.; Fira-Mladinescu, O.; Oancea, C. Airborne Particulate Matter Size and Chronic Obstructive Pulmonary Disease Exacerbations: A Prospective, Risk-Factor Analysis Comparing Global Initiative for Obstructive Lung Disease 3 and 4 Categories. *J. Pers. Med.* 2023, *13*, 1505. https://doi.org/10.3390/jpm13101505

Rosca. 0.; Bumbu, B.A.; Ancusa, O.; Talpos, S.; Urechescu, H.; Ursoniu, S.;

Bloanca, V.; Pricop, M. The Role of C-Reactive Protein and Neutrophil to

Lymphocyte Ratio in Predicting the Severity of Odontogenic lnfections in

Adult Patients. Medicina 2023, 59, 20. <https://doi.org!I0.3390/medicina590>

I*0020*

Fericean, R.M.; Oancea, C.; Reddyreddy, A.R.; Rosca, O.; Bratosin, F.; Bloanca,

V.; Citu, C.; Alambaram, S.; Vasamsetti, N.G.; Dumitru, C. Outcomes of Elderly Patients Hospitalized with the SARS-CoV-2 Omicron B.1.1.529 Variant: A Systematic Review. *Int. J. Environ. Res. Public Health* 2023, *20*, 2150. https://doi.org/10.3390/ijerph20032150

Septimiu-Radu, S.; Gadela, T.; Gabriela, D.; Oancea, C.; Rosca, O.; Lazureanu,

V.E.; Fericean, R.M.; Bratosin, F.; Dumitrescu, A.; Stoicescu, E.R.; et al. A Systematic Review of Lung Autopsy Findings in Elderly Patients after SARS-CoV-2 Infection. J. Clin. Med. 2023, 12, 2070. https://doi.org/10.3390/jcm12052070

Porosnicu, T.M.; Sirbu, I.O.; Oancea, C.; Sandesc, D.; Bratosin, F.; Rosca, O.; Jipa,

D.; Boeriu, E.; Bandi, S.S.S.; Pricop, M. The Impact of Therapeutic Plasma Exchange on Inflammatory Markers and Acute Phase Reactants in Patients with Severe SARS-CoV-2 Infection. *Medicina* 2023, *59*, 867. https://doi.org/10.3390/medicina59050867

Hogea, P.; Tudorache, E.; Fira-Mladinescu, O.; Marc, M.; Manolescu, D.; Bratosin,

F.; Rosca, O.; Mavrea, A.; Oancea, C. The Association of IFN-γ, TNF-α, and Interleukins in Bronchoalveolar Lavage Fluid with Lung Cancer: A Prospective Analysis. *J. Pers. Med.* 2023, *13*, 968. https://doi.org/10.3390/jpm1306096

Hogea, P.; Tudorache, E.; Fira-Mladinescu, O.; Marc, M.; Velescu, D.; Manolescu,

D.; Bratosin, F.; Rosca, O.; Mavrea, A.; Oancea, C. Serum and Bronchoalveolar Lavage Fluid Levels of Cytokines in Patients with Lung Cancer and Chronic Lung Disease: A Prospective Comparative Study. *J. Pers. Med.* 2023, *13*, 998. https://doi.org/10.3390/jpm13060998

Pacurari, A.C.; Bhattarai, S.; Muhammad, A.; Avram, C.; Mederle, A.O.; Rosca,

O.; Bratosin, F.; Bogdan, I.; Fericean, R.M.; Biris, M.; et al. Diagnostic Accuracy of Machine Learning AI Architectures in Detection and Classification of Lung Cancer: A Systematic Review. *Diagnostics* 2023, *13*, 2145. https://doi.org/10.3390/diagnostics13132145

Dumitrescu, A.; Doros, G.; Lazureanu, V.E.; Septimiu-Radu, S.; Bratosin, F.;

Rosca, O.; Patel, H.; Porosnicu, T.M.; Vitcu, G.M.; Mirea, A.; et al. Post-Severe-COVID-19 Cardiopulmonary Rehabilitation: A Comprehensive Study on Patient Features and Recovery Dynamics in Correlation with Workout Intensity. *J. Clin. Med.* 2023, *12*, 4390. https://doi.org/10.3390/jcm12134390

Hogea, P.; Tudorache, E.; Fira-Mladinescu, O.; Pescaru, C.; Manolescu, D.;

Bratosin, F.; Rosca, O.; Kakarla, M.; Horhat, F.G.; Oancea, C. Bronchial Microbiota and the Stress Associated with Invasive Diagnostic Tests in Lung Cancer vs. Benign Pulmonary Diseases: A Cross-Sectional Study. *Diagnostics* 2023, *13*, 2419. https://doi.org/10.3390/diagnostics13142419

Marusca, L.M.; Reddy, G.; Blaj, M.; Prathipati, R.; Rosca, O.; Bratosin, F.;

Bogdan, I.; Horhat, R.M.; Tapos, G.-F.; Marti, D.-T.; et al. The Effects of Vitamin D Supplementation on Respiratory Infections in Children under 6 Years Old: A Systematic Review. *Diseases* 2023, *11*, 104. https://doi.org/10.3390/diseases11030104

Suba, M.-I.; Abu-Awwad, S.-A.; Rosca, O.; Turaiche, M.-M.; Hogea, B.; Abu-

Awwad, A.; Nitu, R.; Lazureanu, V.E. Assessment of Gastrointestinal Adverse Effects during the First Six Months of “Biktarvy” Antiretroviral Therapy: Age-Related Patterns and Their Relation with Changes of 5 kg Weight Loss/Gain in the Initial Treatment Period. *Diseases* 2024, *12*, 3. https://doi.org/10.3390/diseases12010003

Hrubaru, I.; Motoc, A.; Bratosin, F.; Rosca, O.; Folescu, R.; Moise, M.L.; Neagoe,

O.; Citu, I.M.; Feciche, B.; Gorun, F.; et al. Exploring Clinical and Biological Features of Premature Births among Pregnant Women with SARS-CoV-2 Infection during the Pregnancy Period. J. Pers. Med. 2022, 12, 1871. https://doi.org/ 10.3390/jpm12111871

Barata, P.I.; Crisan, A.F.; Maritescu, A.; Negrean, R.A.; Rosca, O.; Bratosin, F.;

Citu, C.; Oancea, C. Evaluating Virtual and Inpatient Pulmonary Rehabilitation Programs for Patients with COPD. J. Pers. Med. 2022, 12, 1764. https://doi.org/ 10.3390/jpm12111764

Fericean, R.M.; Rosca, O.; Citu, C.; Manolescu, D.; Bloanca, V.; Toma, A.-O.;

Boeriu, E.; Dumitru, C.; Ravulapalli, M.; Barbos, V.; et al. COVID-19 Clinical Features and Outcomes in Elderly Patients during Six Pandemic Waves. J. Clin. Med. 2022, 11, 6803. https://doi.org/ 10.3390/jcm11226803

Grigoras, M.L.; Citu, I.M.; Citu, C.; Chiriac, V.D.; Gorun, F.; Levai, M.C.;

Manolescu, D.; Rosca, O.; Bratosin, F.; Gurumurthy, S.; et al. Evaluation of FIB-4, NFS, APRI and Liver Function Tests as Predictors for SARS-CoV-2 Infection in the Elderly Population: A Matched Case-Control Analysis. J. Clin. Med. 2022, 11, 5149. https://doi.org/10.3390/jcm 11175149

Manolescu, D.; Timar, B.; Bratosin, F.; Rosca, O.; Citu, C.; Oancea, C. Predictors

for COVID-19 Complete Remission with HRCT Pattern Evolution: A Monocentric, Prospective Study. Diagnostics 2022, 12, 1397. doi: 10.3390/diagnostics12061397

Fericean, R.M.; Citu, C.; Manolescu, D.; Rosca, O.; Bratosin, F.; Tudorache, E.;

Oancea, C. Characterization and Outcomes of SARS-CoV-2 Infection in Overweight and Obese Patients: A Dynamic Comparison of COVID-19 Pandemic Waves. J. Clin. Med. 2022, 11, 2916. doi: 10.3390/jcm11102916

Citu, I.M.; Citu, C.; Margan, M.-M.; Craina, M.; Neamtu, R.; Gorun, O.M.; Burlea,

B.; Bratosin, F.; Rosca, O.; Grigoras, M.L.; Motoc, A.; Malita, D.; Neagoe, O.; Gorun, F. Calcium, Magnesium, and Zinc Supplementation during Pregnancy: The Additive Value of Micronutrients on Maternal Immune Response after SARS-CoV-2 Infection. Nutrients 2022, 14, 1445. doi: 10.3390/nu14071445

Citu, I.M.; Citu, C.; Gorun, F.; Sas, I.; Bratosin, F.; Motoc, A.; Burlea, B.; Rosca,

O.; Malita, D.; Gorun, O.M. The Risk of Spontaneous Abortion Does Not Increase Following First Trimester mRNA COVID-19 Vaccination. J. Clin. Med. 2022, 11, 1698. doi: 10.3390/jcm11061698

Citu, C.; Gorun, F.; Motoc, A.; Ratiu, A.; Gorun, O.M.; Burlea, B.; Neagoe, O.;

Citu, I.M.; Rosca, O.; Bratosin, F.; Grigoras, M.L.; Patrascu, R.; Malita, D. Evaluation and Comparison of the Predictive Value of 4C Mortality Score, NEWS, and CURB-65 in Poor Outcomes in COVID-19 Patients: A Retrospective Study from a Single Center in Romania. Diagnostics 2022, 12, 703. doi: 10.3390/diagnostics12030703

Ioana Mihaela Citu; Cosmin Citu; Florin Gorun; Radu Neamtu; Andrei Motoc;

Bogdan Burlea; Ovidiu Rosca; Felix Bratosin; Samer Hosin; Diana Manolescu; Raul Patrascu; Oana Maria Gorun. Using the NYHA Classification as Forecasting Tool for Hospital Readmission and Mortality in Heart Failure Patients with COVID-19. J. Clin. Med. 2022, Volume 11, Issue 5, 1382

Rosca, EC ; Rosca, O; Simu, M ; Chirileanu, RD. HIV-associated Neurocognitive

Disorders A Historical Review. The Neurologist, 03/2012; 18(2):64-7. DOI: 10.1097/NRL.0b013e318247bc7a (revistă cu factor de impact 1,261)

Chicea, L., Rosca, E.C. , Rosca, O., Ciolan, M., Simu, M. Myoclonus as an unusual

presentation of progressive multifocal leukoencephalopathy in a HIV positive patient. Romanian Journal of Neurology, 2012, Volume 11, Issue 4, Pages 193-198 (revista cotata CNCSIS categoria B)

Rosca, E.C. , Rosca, O. Hepatic encephalopathy or Wernicke-Korsakoff syndrome?

A case report. Gazzetta Medica Italiana Archivio per le Scienze Mediche, 2012, 171 (4), pp. 509-511 (revista indexata BDI)

Rosca O, Rosca EC, Negrutiu L. Progressive Multifocal Leukoencephalopathy – a

case report. Romanian Journal of Infectious Diseases 2011; 2(XIV): 95-97. (revista cotata CNCSIS categoria B)

Rosca EC, Rosca O, Chirileanu RD, Simu M. Neurocognitive disorders due to HIV

infection. HIV & AIDS Review 2011; 10(2): 33-37. (revista cu factor de impact 0.12)

Rosca EC, Rosca O, Simu M, Chirileanu RD. MRI findings in toxoplasmosis

cerebralis. Romanian Journal of Neurology 2010; IX(2): 103 – 106. (revista cotata CNCSIS categoria B)

L. Negruţiu, O Roşca. The involvement of HLA antigens in HIV infection.

Therapeutics, pharmacology and clinical toxicology 2009; XIII (1): 41-51. (revista cotata CNCSIS categoria B)

O. Roşca, L. Negruţiu. Riscul cardiovascular asociat cu terapia HAART.

Therapeutics pharmacology and clinical toxicology 2008; XII (1): 147-151. (revista cotata CNCSIS categoria B)

S Laitin, L Negrutiu, I Marincu, O Roşca, B Andor. Antibiotics resistance factors. Timisoara Medical Journal 2006 Vol.56, Supplem.2. p: 392-395. (revista cotata CNCSIS categoria B)

L Negrutiu, O Roşca, M Szilagy, I Marincu. Herpetics infections in patients with

AIDS. Infectio.ro 2006, nr. 4, p.38 (revista cotata CNCSIS categoria C)

L Negrutiu, O Roşca, E Borostyan. Therapy of herpes zoster with brivudine.

Infectio.ro 2006, nr. 4, p. 62 (revista cotata CNCSIS categoria C)

O Rosca, I Marincu, L Negrutiu, EC Roşca. Acute enterocolitis – a diagnosis entrapment. Infectio.ro. 2006, nr.3, p.34 (revista cotata CNCSIS categoria C)

S Laitin, L Negrutiu, I Marincu, O Rosca. The frequency of HBsAb in hemodializations patients. Infectio.ro 2006. nr.1, p. 38 (revista cotata CNCSIS categoria C)

Roşca EC, Roşca O, Negruţiu L. AIDS Dementia Complex. Romanian Journal of Infectious Diseases 2006; IX(1-2): 31-36. (revista cotata CNCSIS categoria C)

L Negrutiu, O Roşca. Molecular mecanism in antibiotic resistance. Infectio.ro 2005.

nr.3, 18-27 (revista cotata CNCSIS categoria C)

**Listă 10 lucrări reprezentative**

Braicu, V.; Fulger, L.; Nelluri, A.; Maganti, R.K.; Shetty, U.S.A.; Verdes, G.;

Brebu, D.; Dumitru, C.; Toma, A.-O.; Rosca, O.; et al. Three-Year Analysis of the Rectal Cancer Care Trajectory after the COVID-19 Pandemic. *Diseases* 2023, *11*, 181. https://doi.org/10.3390/diseases11040181

Hosin, S.; Vermesan, D.; Deleanu, B.; Pop, D.; Crisan, D.; Al-Qatawneh, M.; Mioc,

M.; Faur, C.; Rosca, O.; Prejbeanu, R. Correlation between Ankle Imaging Findings and Self-Reported Outcomes: A Longitudinal Assessment in Patients with Tibiofibular Diastasis. *J. Clin. Med.* 2023, *12*, 7239. https://doi.org/10.3390/jcm12237239

Sanda, I.-I.; Hosin, S.; Vermesan, D.; Deleanu, B.; Pop, D.; Crisan, D.; Al-

Qatawneh, M.; Mioc, M.; Prejbeanu, R.; Rosca, O. Impact of Syndesmotic Screw Removal on Quality of Life, Mobility, and Daily Living Activities in Patients Post Distal Tibiofibular Diastasis Repair. *Medicina* 2023, *59*, 2048. https://doi.org/10.3390/medicina59122048

Gruescu, A.C.S.; Popoiu, C.; Levai, M.C.; Burtic, S.R.; Sanda, I.I.; Neda-Stepan,

O.; Rosca, O.; Fericean, R.M.; Dumitru, C.; Stelea, L. Stress Dynamics in Families with Children with Neuropsychiatric Disorders during the COVID-19 Pandemic: A Three-Year Longitudinal Assessment. *J. Clin. Med.* 2023, *12*, 7170. https://doi.org/10.3390/jcm12227170

Bălă, G.-P.; Rosca, O.; Bratosin, F.; Shetty, U.S.A.; Vutukuru, S.D.; Sanda, I.-I.;

Marc, M.; Fira-Mladinescu, O.; Oancea, C. Airborne Particulate Matter Size and Chronic Obstructive Pulmonary Disease Exacerbations: A Prospective, Risk-Factor Analysis Comparing Global Initiative for Obstructive Lung Disease 3 and 4 Categories. *J. Pers. Med.* 2023, *13*, 1505. https://doi.org/10.3390/jpm13101505

Rosca. 0.; Bumbu, B.A.; Ancusa, O.; Talpos, S.; Urechescu, H.; Ursoniu, S.;

Bloanca, V.; Pricop, M. The Role of C-Reactive Protein and Neutrophil to

Lymphocyte Ratio in Predicting the Severity of Odontogenic lnfections in

Adult Patients. Medicina 2023, 59, 20. <https://doi.org!I0.3390/medicina590>

I*0020*

Citu, I.M.; Citu, C.; Margan, M.-M.; Craina, M.; Neamtu, R.; Gorun, O.M.; Burlea,

B.; Bratosin, F.; Rosca, O.; Grigoras, M.L.; Motoc, A.; Malita, D.; Neagoe, O.; Gorun, F. Calcium, Magnesium, and Zinc Supplementation during Pregnancy: The Additive Value of Micronutrients on Maternal Immune Response after SARS-CoV-2 Infection. Nutrients 2022, 14, 1445. doi: 10.3390/nu14071445

Citu, I.M.; Rosca, O.; Bratosin, F.; Grigoras, M.L.; Patrascu, R.; Malita, D. Evaluation and

Comparison of the Predictive Value of 4C Mortality Score, NEWS, and CURB-65 in Poor Outcomes in COVID-19 Patients: A Retrospective Study from a Single Center in Romania. Diagnostics 2022, 12, 703. doi: 10.3390/diagnostics12030703

Manolescu, D.; Timar, B.; Bratosin, F.; Rosca, O.; Citu, C.; Oancea, C. Predictors

for COVID-19 Complete Remission with HRCT Pattern Evolution: A Monocentric, Prospective Study. Diagnostics 2022, 12, 1397. doi: 10.3390/diagnostics12061397

Fericean, R.M.; Citu, C.; Manolescu, D.; Rosca, O.; Bratosin, F.; Tudorache, E.;

Oancea, C. Characterization and Outcomes of SARS-CoV-2 Infection in Overweight and Obese Patients: A Dynamic Comparison of COVID-19 Pandemic Waves. J. Clin. Med. 2022, 11, 2916. doi: 10.3390/jcm11102916