



## Listă de lucrări

Candidat: **Șef de Lucrări Dr. Mureșan Adrian Vasile**

### 1. Teza de doctorat

**„REZECȚII MULTIVISCERALE IN NEOPLASMUL GASTRIC AVANSAT, NOI METODE DE DIAGNOSTIC SI TRATAMENT (CHEMOEMBOLIZARE)”**, susținută în anul 2012.

Coordonat științific: **Prof. Univ. Dr. Anca Sin**

Universitatea de Medicina si Farmacie Târgu Mureș, Facultatea de Medicina

**Diploma seria H/0015485**

Calificativ **”Foarte Bine”**, *Ordinul Ministrului Educației, Cercetării, Tineretului si Sportului nr. 5743/12.09.2012*

### 2. Cărți de specialitate

#### 2.1. Cărți de specialitate apărute în edituri recunoscute CNCS-UEFISCDI- autor principal (de la ultima promovare)

1. **Mureșan Adrian Vasile**, Russu Eliza, Kaller Réka, Arbănași Emil Marian. *Semiologie Arteriala si Venoză*. University Press Târgu Mureș, 2022, 81 pg. ISBN: 978-606-581-183-6. cod CNCS 210
2. **Mureșan Adrian Vasile**, Russu Eliza, Coșarcă Mircea Cătălin, Argatu Eduard Costin. *Prezentări de Cazuri Chirurgie Vasculară*. University Press Târgu Mureș, 2022, 138 pg. ISBN: 978-606-581-184-3. cod CNCS 210
3. Hălmăciu Ioana, Suci Bogdan Andrei, **Mureșan Vasile Adrian**. *Semne radiologice utile în orientarea diagnosticului*. University Press Târgu Mureș, 2022, 81 pg. ISBN: 978-606-581-178-2. Cod CNCS 210

#### 2.2. Cărți de specialitate apărute în edituri recunoscute CNCS-UEFISCDI- co-autor (înainte de ultima promovare)

1. Bud Vasile, Copotoiu Constantin, Copotoiu Ruxandra, Gherghinescu Mircea, Molnar Călin, **Mureșan Adrian**, Nicolescu Cosmin, Panțiru Adrian, Popa Daniel, Russu Cristian, Russu Eliza, Serac Gabriel, Strat Alexandru, Suci Bogdan, Tudor Adrian, *Prezentări de cazuri chirurgicale pentru examene si concursuri*, Ed. University Press Târgu-Mureș, 2013, 427 pag. ISBN: 978-973-169-227-2, cod CNCS 210

### 3. Articole publicate în extenso





**3.1. Articole publicate în extenso în reviste cotate ISI, cu FI, prim autor (de la ultima promovare):**

1. Russu, E. <sup>†</sup>; **Mureșan, A.V.** <sup>†</sup>; Ivănescu, A.D.; Kaller, R.; Nedelea, D.E.; Niculescu, R.; Cordoș, B.A.; Budișcă, O.A.; Arbănași, E.M.; Arbănași, E.M. Polytetrafluorethylene (PTFE) vs. Polyester (Dacron®) Grafts in Critical Limb Ischemia Salvage. *Int. J. Environ. Res. Public Health* **2023**, *20*, 1235. <https://doi.org/10.3390/ijerph20021235> ISSN: 1660-4601; **Q1, FI:4.614.** <sup>†</sup> Prim autor cu drepturi egale
2. **Mureșan, A.V.**; Russu, E.; Arbănași, E.M.; Kaller, R.; Hosu, I.; Arbănași, E.M.; Voidăzan, S.T. The Predictive Value of NLR, MLR, and PLR in the Outcome of End-Stage Kidney Disease Patients. *Biomedicines* **2022**, *10*, 1272. [doi.org/10.3390/biomedicines10061272](https://doi.org/10.3390/biomedicines10061272) ISSN:2227-9059; **Q2, FI:4.757;**
3. **Mureșan, A.V.**; Russu, E.; Arbănași, E.M.; Kaller, R.; Hosu, I.; Arbănași, E.M.; Voidăzan, S.T. Negative Impact of the COVID-19 Pandemic on Kidney Disease Management—A Single-Center Experience in Romania. *J. Clin. Med.* **2022**, *11*, 2452. <https://doi.org/10.3390/jcm11092452> ISSN: 2077-0383; **Q2, FI: 4.964.**
4. **Mureșan, A.V.**; Hălmăciu, I.; Arbănași, E.M.; Kaller, R.; Arbănași, E.M.; Budișcă, O.A.; Melinte, R.M.; Vunvulea, V.; Filep, R.C.; Mărginean, L.; Suci, B.A.; Brinzaniuc, K.; Niculescu, R.; Russu, E. Prognostic Nutritional Index, Controlling Nutritional Status (CONUT) Score, and Inflammatory Biomarkers as Predictors of Deep Vein Thrombosis, Acute Pulmonary Embolism, and Mortality in COVID-19 Patients. *Diagnostics* **2022**, *12*, 2757. <https://doi.org/10.3390/diagnostics12112757> ISSN: 2075-4418; **Q2, FI:3.992.**
5. Arbănași, E.M. <sup>†</sup>; **Mureșan, A.V.** <sup>†</sup>; Coșarcă, C.M.; Arbănași, E.M.; Niculescu, R.; Voidăzan, S.T.; Ivănescu, A.D.; Hălmăciu, I.; Filep, R.C.; Mărginean, L.; Suzuki, S.; Chirilă, T.V.; Kaller, R.; Russu, E. Computed Tomography Angiography Markers and Intraluminal Thrombus Morphology as Predictors of Abdominal Aortic Aneurysm Rupture. *Int. J. Environ. Res. Public Health* **2022**, *19*, 15961. <https://doi.org/10.3390/ijerph192315961> ISSN: 1660-4601; **Q1, FI:4.614.** <sup>†</sup> Prim autor cu drepturi egale.

**3.2. Articole publicate în extenso în reviste cotate ISI, cu FI, autor principal (de la ultima promovare):**

1. Melinte, R.M.; Arbănași, E.M.; Blesneac, A.; Zolog, D.N.; Kaller, R.; **Mureșan, A.V.** <sup>\*</sup>; Arbănași, E.M.; Melinte, I.M.; Niculescu, R.; Russu, E. Inflammatory Biomarkers as Prognostic Factors of Acute Deep Vein Thrombosis Following the Total Knee





Arthroplasty. *Medicina* **2022**, *58*, 1502. <https://doi.org/10.3390/medicina58101502>  
ISSN: 1648-9144, **Q2**, **FI: 2.948**; \* **Autor de corespondenta**;

2. Arbănași, E.M.; Halmaciu, I.; Kaller, R.; **Mureșan, A.V. \***; Arbănași, E.M.; Suciu, B.A.; Coșarcă, C.M.; Cojocaru, I.I.; Melinte, R.M.; Russu, E. Systemic Inflammatory Biomarkers and Chest CT Findings as Predictors of Acute Limb Ischemia Risk, Intensive Care Unit Admission, and Mortality in COVID-19 Patients. *Diagnostics* **2022**, *12*, 2379; <https://doi.org/10.3390/diagnostics12102379>; ISSN: 2075-4418, **Q2**, **FI: 3.992**; \* **Autor de corespondenta**.
3. Kaller, R.; Arbănași, E.M.; **Mureșan, A.V. \***; Voidăzan, S.; Arbănași, E.M.; Horváth, E.; Suciu, B.A.; Hosu, I.; Halmaciu, I.; Brinzaniuc, K.; Russu, E. The Predictive Value of Systemic Inflammatory Markers, the Prognostic Nutritional Index, and Measured Vessels' Diameters in Arteriovenous Fistula Maturation Failure. *Life* **2022**, *12*, 1447. <https://doi.org/10.3390/life12091447>. ISSN: 2075-1729; **Q2**, **FI: 3.251**; \* **Autor de corespondenta**;
4. Halmaciu, I.; Arbănași, E.M.; Kaller, R.; **Mureșan, A.V. \***; Arbănași, E.M.; Bacalbasa, N.; Suciu, B.A.; Cojocaru, I.I.; Runcan, A.I.; Grosu, F.; Vunvulea, V.; Russu, E. Chest CT Severity Score and Systemic Inflammatory Biomarkers as Predictors of the Need for Invasive Mechanical Ventilation and of COVID-19 Patients' Mortality. *Diagnostics* **2022**, *12*, 2089. <https://doi.org/10.3390/diagnostics12092089> ISSN: 2075-4418, **Q2**, **FI: 3.992**; \* **Autor de corespondenta**.
5. Emil-Marian A, Reka K, **Vasile Adrian M \***, Septimiu V, Eliza-Mihaela A and Eliza R (2022) Impact of COVID-19 pandemic on Vascular Surgery Unit activity in Central Romania. *Front. Surg.* 9:883935. doi:10.3389/fsurg.2022.883935 ISSN: 2296-875X, **Q2**, **FI:2.568**. \* **Autor de corespondenta (echivalare cu 5 articole BDI ca autor principal)**.
6. Niculescu, R.; Russu, E.; Arbănași, E.M.; Kaller, R.; Arbănași, E.M.; Melinte, R.M.; Coșarcă, C.M.; Cocuz, I.G.; Sabău, A.H.; Tinca, A.C.; Stoian, A.; Vunvulea, V.; **Mureșan, A.V. ‡**; Cotoi, O.S. ‡ Carotid Plaque Features and Inflammatory Biomarkers as Predictors of Restenosis and Mortality Following Carotid Endarterectomy. *Int. J. Environ. Res. Public Health* **2022**, *19*, 13934; <https://doi.org/10.3390/ijerph192113934> ISSN: 1660-4061; **Q1**; **FI:4.614**; ‡ **Ultim autor cu drepturi egale**;
7. Cosarca, M. C., Horváth, E., Molnar, C., Molnár, G., Russu, E., **Mureșan, V. A.** "Calcification patterns in femoral and carotid atheromatous plaques: A comparative morphometric study". *Experimental and Therapeutic Medicine* **22**, no. 2 (2021): 865;





<https://doi.org/10.3892/etm.2021.10297> ISSN: 1792-1015; **Q3, FI: 2.447. (echivalare cu 5 articole BDI ca autor principal)**

**3.3. Articole publicate în extenso în reviste cotate ISI, cu FI, co-autor (de la ultima promovare):**

1. Hoge, T.; Suci, B.A.; Ivănescu, A.D.; Carașca, C.; Chinezu, L.; Arbănași, E.M.; Russu, E.; Kaller, R.; Arbănași, E.M.; **Mureșan, A.V.**; Radu, C.C. Increased Epicardial Adipose Tissue (EAT), Left Coronary Artery Plaque Morphology, and Valvular Atherosclerosis as Risks Factors for Sudden Cardiac Death from a Forensic Perspective. *Diagnostics* **2023**, *13*, 142; <https://doi.org/10.3390/diagnostics13010142>. ISSN: 2075-4418, **Q2, FI: 3.992**;
2. Arbănași, E.M.; **Mureșan, A.V.**; Coșarcă, C.M.; Kaller, R.; Bud, T.I.; Hosu, I.; Voidăzan, S.T.; Arbănași, E.M.; Russu, E. Neutrophil-to-Lymphocyte Ratio and Platelet-to-Lymphocyte Ratio Impact on Predicting Outcomes in Patients with Acute Limb Ischemia. *Life*, **2022**, *12*, 822. <https://doi.org/10.3390/life12060822> ISSN: 2075-1729, **Q2, FI:3.251**.
3. Russu, E.; **Mureșan, A.V.**; Arbănași, E.M.; Kaller, R.; Hosu, I.; Voidăzan, S.; Arbănași, E.M.; Coșarcă, C.M. The Predictive Role of NLR and PLR in Outcome and Patency of Lower Limb Revascularization in Patients with Femoropopliteal Disease. *J. Clin. Med.* **2022**, *11*, 2620. <https://doi.org/10.3390/jcm11092620>. ISSN: 2077-0383; **Q2, FI: 4.964**.
4. Kaller, R.; **Mureșan, A.V.**; Arbănași, E.M.; Arbănași, E.M.; Kovács, I.; Horváth, E.; Suci, B.A.; Hosu, I.; Russu, E. Uncommon Surgical Management by AVF between the Great Saphenous Vein and Anterior Tibial Artery for Old Radiocephalic AVF Failure. *Life* **2022**, *12*, 529. <https://doi.org/10.3390/life12040529>. ISSN: 2075-1729, **Q2, FI:3.251**.
5. Russu E, **Mureșan AV**, Kaller R, Toma L, Coșarcă CM, Chibelea CB, Arbănași EM and Arbănași EM (2022) Innovative Technical Solution Using the Renal Artery Stump after Nephrectomy as an Inflow Artery for Lower Limb Revascularization—A Case Report. *Front. Surg.* 9:864846. doi:10.3389/fsurg.2022.864846. ISSN: 2296-875X, **Q2, FI:2.568**.
6. Russu E, **Mureșan AV**, Kaller R, Coșarcă CM, Arbănași E-M and Arbănași E-M (2022) Case Report: Gigantic Arteriovenous Femoral Fistula Following Cardiac Artery Catheterization. *Front. Surg.* 9:769302. doi:10.3389/fsurg.2022.769302. ISSN: **2296-875X, Q2, FI:2.568**.





7. Vunvulea, V.; Budișcă, O.A.; Arbănași, E.M.; **Mureșan, A.V.**; Arbănași, E.M.; Brînzaniuc, K.; Niculescu, R.; Cocuz, I.G.; Ivănescu, A.D.; Hălmăciu, I.; Mărginean, L.; Kaller, R.; Russu, E.; Suci, B.A. The Predictive Role of Systemic Inflammatory Markers in the Development of Acute Kidney Failure and Mortality in Patients with Abdominal Trauma. *J. Pers. Med.* **2022**, *12*, 2045. <https://doi.org/10.3390/jpm12122045>. ISSN: 2075-4426, **Q2**, **FI:3.508**.
  8. Filep RC, Constantin C, Arbănași EM, **Mureșan AV**, Russu E and Mărginean L (2022) Endovascular treatment of an aneurysm associated with fenestration of the supraclinoid internal carotid artery: Case report and review of the literature. *Front. Neurol.* 13:966642. doi:10.3389/fneur.2022.966642. ISSN:1664-2295, **Q2**, **FI:4.086**.
  9. Cosarca, M. C., Hălmăciu, I., **Muresan, A. V.**, Suci, B. A., Molnar, C., Russu, E., Horvath, E., Niculescu, R., Puscasiu, L., Bacalbașa, N., Balescu, I., Bud, I. T. "Neutrophil-to-lymphocyte, platelet-to-lymphocyte and lymphocyte-to-monocyte ratios are associated with amputation rates in patients with peripheral arterial disease and diabetes mellitus who underwent revascularization: A Romanian regional center study". *Experimental and Therapeutic Medicine* 24, no. 5 (2022): 703; <https://doi.org/10.3892/etm.2022.11639> ISSN: 1792-1015; **FI: 2.751**.
  10. Russu, E., **Muresan, A.V.**, Arbanasi, E.M., Nedelea, D., Suci, B.A., Arbanasi, E.M., Kaller, R., Polytetrafluorethylene Prosthesis Interposition in Vascular Access, *Mater. Plast.*, 59(2), 2022, 1-8. <https://doi.org/10.37358/MP.22.2.5579>. ISSN: 2668-8220; **FI: 0.782**.
  11. Zsuzsanna Jeremias, Nora Rat, Imre Benedek, Emese Rapolti, Mihaela Ratiu, **Adrian Muresan**, and Theodora Benedek. High iliac calcium score is associated with increased severity and complexity of peripheral arterial disease and predicts global atherosclerotic burden. *Vasa* 2018 47:5, 377-386. <https://doi.org/10.1024/0301-1526/a000718>. ISSN: 0301-1526; **FI:1.534**.
- 3.4. Articole publicate în extenso în reviste cotate ISI, fără FI, autor principal (de la ultima promovare):**
1. Arbănași, E.M.; **Mureșan, A.V.\***; Arbănași, E.M.; Kaller, R.; Cojocaru, I.I.; Coșarcă, C.M.; Russu, E. The Neutrophil-to-Lymphocyte Ratio's Predictive Utility in Acute Pulmonary Embolism: Systematic Review. *J. Cardiovasc. Emergencies* 6. Doi:10.2478/jce-2022-0005, ISSN:2457-5518; \* **Autor de corespondenta**.





**3.5. Articole publicate în extenso în reviste cotate ISI, fără FI, co-autor (de la ultima promovare):**

1. Arbănași, E.-M.; Russu, E.; **Mureșan, A.V.**; Arbănași, E.-M. Late Rupture of a Thrombosed Aortic Abdominal Aneurysm – a Case Report. *J. Cardiovasc. Emergencies* **2021**, 7, 84–87. doi:10.2478/jce-2021-0012 . ISSN:2457-5518.
2. Kaller R, **Mureșan AV**, Popa DG, Arbănași EM, Russu E. Fatal Aortoduodenal Fistula Caused by a Ruptured Abdominal Aortic Aneurysm - a Case Report. *Journal of Cardiovascular Emergencies* 2021;7(4):129-132. DOI: 10.2478/jce-2021-0015, SSN:2457-5518.

**3.6. Articole publicate în extenso în reviste B+ sau BDI, autor principal (de la ultima promovare):**

1. **Mureșan, A.V.**; Coșarcă, C.M.; Russu, E.; Niculescu, R. A Rare Case of Abdominal Aortic Aneurysm with Ureteral Compression. *J. Interdiscip. Med.* 2021, 6(2), 102-1706, doi:10.2478/jim-2021-0020. ISSN:2501-8132; **BDI**
2. **Mureșan, A.V.**; Coșarcă, C.M.; Russu, E.; Niculescu, R.; Soimu, M. Ilio-Deep Femoral Bypass – an Alternative Treatment Strategy to Critical Limb Ischemia (CLI). *J. Interdiscip. Med.* 2021, 6(3), 171-173; doi:10.2478/jim-2021-0021. ISSN:2501-8132; **BDI**
3. Reka, Kaller, Ioana, Hălmăciu, Andrei, Suciu Bogdan, Strat, Alexandru, Lucian, Toma, Adriana, Mocian, Doina, Milutin, Andrea, Csilip, Klara, Brînzaniuc and **Adrian, Mureșan Vasile**. "Giant Lower Limb Myxoid Liposarcoma Causing Deep Vein Thrombosis, Complicated with Pulmonary Embolism Case Report" *ARS Medica Tomitana*, vol.25, no.1, 2019, pp.31-35. <https://doi.org/10.2478/arism-2019-0007>
4. Reka, Kaller, Bud, Ioan Theodor, Toma, Lucian, Marginean, Lucian, Russu, Eliza, Adriana, Mocian, Andrei, Suciu Bogdan, Ioana, Hălmăciu and **Adrian, Mureșan Vasile**. "Direct Thromboembolectomy of Axilo-Brahio-Radio-Ulnar Vessels Following Critical Upper Limb Ischemia as Complication of a Clavicular Fracture – Case Report" *ARS Medica Tomitana*, vol.24, no.1, 2019, p. 63. <http://www.amsibiu.ro/Arhiva/2019/Nr1-en/Kaller.pdf>
5. Reka, Kaller, Balmos, Ioan Alexandru, Toma, Lucian, Bud, George, Andrei, Suciu Bogdan, Ioana, Hălmăciu, Klara, Brînzaniuc, Horvath, Eموke and **Adrian, Mureșan Vasile**. "Open Surgical Repair After Early Endograft Thrombosis Following EVAR – Case Report" *ARS Medica Tomitana*, vol.24, no.3, 2019, p. 28. <http://www.amsibiu.ro/Arhiva/2019/Nr3-en/Kaller.pdf>







### 3.7. Articole publicate în extenso în reviste B+ sau BDI, co-autor (de la ultima promovare):

1. Arbănași, E.-M.; Arbănași, E.-M.; **Mureșan, A.V.**; Kaller, R.; Russu, E. Imminent Rupture of Large Common Iliac Artery, Open Repair. *J. Interdiscip. Med.* 2022, 7, 22–24, doi:10.2478/jim-2022-0001. ISSN:2501-8132; **BDI**.
2. Arbănași, E.-M.; Russu, E.; **Mureșan, A.V.**; Arbănași, E.-M.; Kaller, R. Ulnar-Basilic Arteriovenous Fistula with Multilocular Gigantic Aneurysmal Dilatation: A Case Report. *Acta Marisiensis - Ser. Medica* 2021, 67, 244–246, doi:10.2478/amma-2021-0035. ISSN:2668-7755; **BDI**
3. Arbănași, E.-M.; **Vasile-Mureșan, A.**; Russu, E.; Arbănași, E.-M. Severe Focal Stenosis of the Abdominal Aorta with High Risk of Occlusion. *J. Interdiscip. Med.* 2021, 6, 185–186, doi:10.2478/jim-2021-0037. ISSN:2501-8132; **BDI**.
4. Coșarcă, Mircea-Cătălin, **Mureșan, Vasile Adrian**, Horvath, Eموke, Russu, Eliza, Szederjesi, Janos and Keresztes, Matild. "Vascular injury in macroscopically normal skin of patients with severe COVID-19 infection: clinical-pathologic correlations" *Acta Marisiensis - Seria Medica*, vol.67, no.3, 2021, pp.154-161. <https://doi.org/10.2478/amma-2021-0027>
5. Cosarca, Mircea Catalin, Horvath, Eموke, Carasca, Cosmin, Niculescu, Raluca, Medeeam Roman, Ioana, Hălmăciu, Klara, Brînzaniuc, Puscasiu, Lucian, **Adrian, Mureșan Vasile**, Andrei, Suci Bogdan, Bud, Ioan Theodor. "Indication of Thromboendarterectomy with Ring Dissector in TASC C and D Femoropopliteal Lesions – a Re-Evaluation" *ARS Medica Tomitana*, vol.24, no.3, 2019, p. 24. **BDI**.
6. Eliza, Russu, **Vasile, Mureșan Adrian**, Andrei, Cordoș Bogdan, Simion, Cotoi Ovidiu and Constantin, Copotoiu. "Tissue Integration of Synthetic Grafts and the Impact of Soft-Tissue Infection – An Experimental Model" *Acta Marisiensis - Seria Medica*, vol.61, no.4, 2016, pp.291-297. <https://doi.org/10.1515/amma-2015-0097>
7. Badea, Mihail Alexandru, Buicu, Florin, Țilea, Anton Mihai, Badea, Iudita Maria, Chiotoroiu, Andreea Luciana, **Mureșan, Vasile Adrian** and Morariu, Silviu Horia. "Graham Little-Lassueur Syndrome with Hypertrophic Lichen Planus in a Patient with Chronic Hepatitis C" *Acta Marisiensis - Seria Medica*, vol.62, no.1, 2016, pp.149-151. <https://doi.org/10.1515/amma-2015-0089>

