

PERSONAL INFORMATION

**CĂTĂLIN ADRIAN BUZEA**

EXPERIENȚA PROFESIONALĂ

- Din 2016 **Sef lucrari**
Universitatea de Medicina si farmacie "Carol Davila"
Dionisie Lupu 37, Bucuresti, 020022, Romania
- 2003- 2016 **Asistent universitar**
Universitatea de Medicina si farmacie "Carol Davila"
Dionisie Lupu 37, Bucuresti, 020022, Romania
- 2011- prezent **Specialist in Cardiologie si Medicina Interna**
Spital Universitar Colentina
Ștefan cel Mare 19-21, Bucuresti, 020125

EDUCAȚIE ȘI FORMARE

- 2022 **Medic primar cardiologie**
Ministerul Sanatatii, sesiunea iunie 2022
- 2015 **Specialist in cardiologie (a 2a specialitate)**
Ministerul Sanatatii, Romania
- 2006-2013 **Doctor in medicina**
Universitatea de Medicina si farmacie "Carol Davila"
Teza: "Managementul modern al sincopei – premisele unei unitati de sincopa"
- 2009-2012 **Rezidentiat cardiologie (a 2a specialitate)**
Ministerul Sanatatii, Romania
- 2006 **Specialist in Internal Medicine**
Ministerul Sanatatii, Romania
- 2003-2006 **Rezidentiat medicina interna**
Ministerul Sanatatii, Romania
- 1998-2003 **Rezidentiat reumatologie**
Ministerul Sanatatii, Romania
- 1991-1997 **Doctor-medic**
Universitatea de Medicina si farmacie "Carol Davila"
Facultatea de medicina
Teza licenta: "Evolutia copiilor cu greutate foarte mica la nastere"
- 1987-1991 **Bacalaureat**
Colegiul National "Mihai Viteazul", Bucuresti

Membru societăți științifice European Society of Cardiology Professional Membership
Societatea Română de Cardiologie
Grupul de lucru de aritmii al Societăți Române de Cardiologie

COMPETENTE PERSONALE

Limba maternă Română

Alte limbi	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleza	B1	B2	B1	B1	B1
Franceza	A2	B1	A1	A1	A2

Competențe de comunicare

- Bune competențe de comunicare și adaptare la audiență dobândite prin participarea în calitate de lector la multiple dezbateri și conferințe
- 2012 seminar "Trainer of trainers"
FLUX Training & Consultancy
Virgiliu 55-57, București

Competențe organizaționale/manageriale

- 2022-2023 Șef departament Cardiologie, Spitalul Clinic Colentina București
- Din 2022 Coordonator compartiment USTACC – Cardiologie, Spitalul Clinic Colentina, București
- Din 2022 Coordonator program AP-USTACC - Cardiologie, Spitalul Clinic Colentina, București

Competențe dobândite la locul de muncă

- Coordonator al activității de e-learning

Competențe digitale

- Cunoașterea funcționării și depanării hardware
- Cunoaștere utilizare și depanare în sistemele de operare Windows și Linux
- Bună stăpânire a suitei de programe de birou (procesor de text, calcul tabelar, software pentru prezentări, editare PDF)
- Bună stăpânire a programelor de statistică (NCSS, Medcalc)
- Cunoștințe de editare foto și video
- Digital skills self-assessment: level 6 (advanced)

Carnet de conducere B

INFORMATII SUPLIMENTARE

Grants **MEMBRU EXECUTIV**

- 'ATRIAL FIBRILLATION INTEGRATED APPROACH IN FRAIL, MULTIMORBID, AND POLYMEDICATED OLDER PEOPLE' — 'AFFIRMO' *funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No.*

899871, maximum grant amount EUR 5 998 753.25

- "Studierea sistemului biologic integrativ reprezentat de efectul cardiovascular al obezității, prin utilizarea unor tehnici ecografice, scintigrafice și de modelare matematică, în vederea definirii cardiomiopatiei specifice obezității și a predicției insuficienței cardiace". *Finanțare Bugetul de Stat - Ministerul Educației, Cercetării și Tineretului, Programul PARTENERIATE ÎN DOMENIILE PRIORITARE*
Nr. 41-061/14.09.2007

GRANT POSTDOCTORAL

- "Evaluarea noninvazivă a riscului de aritmii și moarte cardiacă subită la pacienții cu boală pulmonară cronică obstructivă" în cadrul proiectului "Cercetarea doctorală și postdoctorală prioritate a învățământului superior românesc (Doc-Postdoc)" finanțat prin *Programul Operațional Sectorial pentru Dezvoltarea resurselor Umane (POSDRU), finanțat din Fondul Social European și Guvernul României prin nr. POSDRU/159/1.5/S/137390.*
Nr 13816/30.05.2014

Autor și co-autor cărți și
capitole din cărți

- Delcea C, **Buzea CA** - Hipercoagulabilitatea în infecția cu SARS-CoV-2 în *CARDIOLOGIE 2022 Tromboembolismul venos – de la factorii de risc clasici la abordări terapeutice moderne*, coord. Bădilă E. Viața Medicală, Medichub Media, 2022
- **C.A. Buzea**, A.R. Dan, Gh. A. Dan. **Exerciții electrocardiografice**. Editura Medicală Antaeus, București 2016, ISBN 9786068470191
- Contributor to **ECG Masters' Collection: Favorite ECGs from Master Teachers Around the World**. Editors Mohammad Shenasa, MD; Mark E. Josephson, MD; N.A. Mark Estes III, MD; Ezra Amsterdam, MD; Melvin Scheinman, MD. Cardiotext Publishing, 2017, ISBN 978-1-942909-08-8
- Contributor to **ECG Masters' Collection: Favorite ECGs from Master Teachers Around the World, volume 2**. Editors Mohammad Shenasa, MD; Mark E. Josephson, MD; N.A. Mark Estes III, MD; Ezra Amsterdam, MD; Melvin Scheinman, MD. Cardiotext Publishing, 2018, ISBN 978-1-942909-20-0
- **CA Buzea**, AR Dan, GA Dan - Beta-blockers as Antiarrhythmic Agents in Antiarrhythmic Drugs. Editors Antoni Martínez-Rubio, Juan Tamargo, Gheorghe- Andrei Dan. Springer ,2020, ISBN: 978-3-030-34893-9
- **CA Buzea**, G.A Dan - Sindromul de insuficiență ventriculă stângă în **SEMILOGIE MEDICALĂ Vol 2**, coord. Prof. Univ. Dr. Ion Dina, Editura Universitară „Carol Davila”, București, 2018

Articole

Autor principal – publicații in extenso in reviste ISI Web of Science Clarivate

1. Mihai DE, Delcea C, **Buzea CA**, Balan S, Dan GA. Coronary artery tortuosity and mid-term all-cause mortality of patients with ischemia and non-obstructive coronary arteries. *Rom J Intern Med.* 2023 Aug 4;61(4):202-211. doi: 10.2478/rjim-2023-0019. PMID: 37540841.
2. Delcea C, **Buzea CA**, Vijan AE, Bădilă E, Dan GA. The platelet to lymphocyte ratio in heart failure: a comprehensive review. *Rom J Intern Med.* 2023 May 8;61(2):84-97. doi: 10.2478/rjim-2023-0006. PMID: 36801012.
3. **Buzea CA**, Manu P, Dima L, Correll CU. Drug-drug interactions involving combinations of antipsychotic agents with antidiabetic, lipid-lowering, and weight loss drugs. *Expert Opin Drug Metab Toxicol.* 2022 Nov;18(11):729-744. doi: 10.1080/17425255.2022.2147425. Epub 2022 Nov 22. PMID: 36369828.
4. **Buzea CA**, Dima L, Correll CU, Manu P. Drug-drug interactions involving antipsychotics and antihypertensives. *Expert Opin Drug Metab Toxicol.* 2022 Apr;18(4):285-298. doi: 10.1080/17425255.2022.2086121. Epub 2022 Jun 14. PMID: 35658798.
5. Dan GA, Dan AR, Ivanescu A, **Buzea AC**. Acute rate control in atrial fibrillation: an urgent need for the clinician. *Eur Heart J Suppl.* 2022 Jun 13;24(Suppl D):D3-D10.

doi: 10.1093/eurheartjsupp/suac022. PMID: 35706895; PMCID: PMC9190749.

6. **Buzea CA**, Delcea C, Vezeteu R, Dan GA. Successful Thrombolysis for High-Risk Pulmonary Embolism in a Patient With Extensive Pemphigus Vulgaris. *Am J Ther.* 2021 Feb 16;28(3):364-367. doi: 10.1097/MJT.0000000000001347. PMID: 34375050.
7. Delcea C, **Buzea CA**, Vijan A, Draghici A, Stoichitoiu LE, Dan GA. Comparative role of hematological indices for the assessment of in-hospital outcome of heart failure patients. *Scand Cardiovasc J.* 2021 Aug;55(4):227-236. doi: 10.1080/14017431.2021.1900595. Epub 2021 Mar 24. PMID: 33761824.
8. Draghici A, **Buzea CA**, Delcea C, Vijan A, Dan GA. Predictors associated with increased troponin in acute decompensated and chronic heart failure patients. *Rev Romana Med Lab.* 2021;29(2):153-64. doi:10.2478/rrim-2021-001
9. **Buzea CA**, Dan GA, Dan AR, Delcea C, Balea MI, Gologanu D, Popescu RA, Dobranici M. Deceleration and Acceleration Capacities in Risk Stratification for Arrhythmias in Patients With Chronic Obstructive Pulmonary Disease. *Am J Ther.* 2017 Jan/Feb;24(1):e44-e51. doi: 10.1097/MJT.0000000000000450
10. Dan GA, **Buzea AC**. Stroke Prevention in Atrial Fibrillation - The Use of NOACs in Everyday Clinical Practice. *Eur Cardiol.* 2015 Dec;10(2):76-78. doi: 10.15420/ecr.2015.10.2.76. PMID: 30310429; PMCID: PMC6159476.

Co-autor - publicații in extenso in reviste ISI Web of Science Clarivate

1. Ding WY, Kotalczyk A, Boriani G, Marin F, Blomström-Lundqvist C, Potpara TS, Fauchier L, Lip GYH; **ESC-EHRA EORP-AF Long-Term General Registry Investigators**. Impact of diabetes on the management and outcomes in atrial fibrillation: an analysis from the ESC-EHRA EORP-AF Long-Term General Registry. *Eur J Intern Med.* 2022 Sep;103:41-49. doi: 10.1016/j.ejim.2022.04.026. Epub 2022 May 6. PMID: 35527179.
2. Tulba, D; Avasilichioaiei, M.; Dima, N; Craciun, L.; Balanescu, P; **Buzea, A**; Baicus, C; Popescu, BO. Shared Molecular Targets in Parkinson's Disease and Arterial Hypertension: A Systematic Review. *Biomedicines* 2022, 10: 653
3. Malavasi VL, Vitolo M, Proietti M, Diemberger I, Fauchier L, Marin F, Nabauer M, Potpara TS, Dan GA, Kalarus Z, Tavazzi L, Maggioni AP, Lane DA, Lip GYH, Boriani G; **ESC-EHRA EORP-AF Long-Term General Registry Investigators**. Impact of malignancy on outcomes in European patients with atrial fibrillation: A report from the ESC-EHRA EURObservational research programme in atrial fibrillation general long-term registry. *Eur J Clin Invest.* 2022 Jul;52(7):e13773. doi: 10.1111/eci.13773. Epub 2022 Mar 28. PMID: 35305020.
4. Vitolo M, Malavasi VL, Proietti M, Diemberger I, Fauchier L, Marin F, Nabauer M, Potpara TS, Dan GA, Kalarus Z, Tavazzi L, Maggioni AP, Lane DA, Lip GYH, Boriani G; **ESC-EHRA EORP-AF Long-Term General Registry Investigators**. Cardiac troponins and adverse outcomes in European patients with atrial fibrillation: A report from the ESC-EHRA EORP atrial fibrillation general long-term registry. *Eur J Intern Med.* 2022 May;99:45-56. doi: 10.1016/j.ejim.2022.01.025. Epub 2022 Feb 15. PMID: 35177307.
5. Ding WY, Potpara TS, Blomström-Lundqvist C, Boriani G, Marin F, Fauchier L, Lip GYH; **ESC-EHRA EORP-AF Long-Term General Registry Investigators**. Impact of renal impairment on atrial fibrillation: ESC-EHRA EORP-AF Long-Term General Registry. *Eur J Clin Invest.* 2022 Jun;52(6):e13745. doi: 10.1111/eci.13745. Epub 2022 Jan 17. PMID: 35000206; PMCID: PMC9287022.
6. Ding WY, Proietti M, Boriani G, Fauchier L, Blomström-Lundqvist C, Marin F, Potpara TS, Lip GYH; **ESC-EHRA EORP-AF Long-Term General Registry Investigators**. Clinical utility and prognostic implications of the novel 4S-AF scheme to characterize and evaluate patients with atrial fibrillation: a report from ESC-EHRA EORP-AF Long-Term General Registry. *Europace.* 2022 May 3;24(5):721-728. doi:

10.1093/europace/euab280. PMID: 35446354.

7. Ivanescu AC, **Buzea CA**, Delcea C, Dan GA - Stroke Risk Scores as Predictors of Severe Outcomes in Atrial Fibrillation: A Comprehensive Review. *Am J Ther* 2021 28(3): e319–e334
8. Tulbă D, Cozma L, Bălănescu P, **Buzea A**, Băicuș C, Popescu BO. Blood Pressure Patterns in Patients with Parkinson's Disease: A Systematic Review. *Journal of Personalized Medicine*. 2021; 11(2):129
9. Proietti M, Lip GYH, Laroche C, Fauchier L, Marin F, Nabauer M, Potpara T, Dan GA, Kalarus Z, Tavazzi L, Maggioni AP, Boriani G; **ESC-EORP Atrial Fibrillation General Long-Term Registry Investigators Group**. Relation of outcomes to ABC (Atrial Fibrillation Better Care) pathway adherent care in European patients with atrial fibrillation: an analysis from the ESC-EHRA EORP Atrial Fibrillation General Long-Term (AFGen LT) Registry. *Europace*. 2021 Feb 5;23(2):174-183. doi: 10.1093/europace/euaa274. PMID: 33006613.
10. Komajda M, Schöpe J, Wagenpfeil S, Tavazzi L, Böhm M, Ponikowski P, Anker SD, Filippatos GS, Cowie MR; **QUALIFY Investigators**. Physicians' guideline adherence is associated with long-term heart failure mortality in outpatients with heart failure with reduced ejection fraction: the QUALIFY international registry. *Eur J Heart Fail*. 2019 Jul;21(7):921-929. doi: 10.1002/ejhf.1459
11. Boriani G, Proietti M, Laroche C, Fauchier L, Marin F, Nabauer M, Potpara T, Dan GA, Kalarus Z, Diemberger I, Tavazzi L, Maggioni AP, Lip GYH; **EORP-AF Long-Term General Registry Investigators**; Steering Committee (National Coordinators). Contemporary stroke prevention strategies in 11 096 European patients with atrial fibrillation: a report from the EURObservational Research Programme on Atrial Fibrillation (EORP-AF) Long-Term General Registry. *Europace*. 2018 May 1;20(5):747-757. doi: 10.1093/europace/eux301
12. Komajda M, Cowie MR, Tavazzi L, Ponikowski P, Anker SD, Filippatos GS; **QUALIFY Investigators**. Physicians' guideline adherence is associated with better prognosis in outpatients with heart failure with reduced ejection fraction: the QUALIFY international registry. *Eur J Heart Fail*. 2017 Nov;19(11):1414-1423. doi: 10.1002/ejhf.887
13. Komajda M, Anker SD, Cowie MR, Filippatos GS, Mengelle B, Ponikowski P, Tavazzi L; **QUALIFY Investigators**. Physicians' adherence to guideline-recommended medications in heart failure with reduced ejection fraction: data from the QUALIFY global survey. *Eur J Heart Fail*. 2016 May;18(5):514-22. doi: 10.1002/ejhf.510
14. Bhatt DL, Steg PG, Ohman EM, Hirsch AT, Ikeda Y, Mas JL, Goto S, Liao CS, Richard AJ, Röther J, Wilson PW; **REACH Registry Investigators**. International prevalence, recognition, and treatment of cardiovascular risk factors in outpatients with atherothrombosis. *JAMA*. 2006 Jan 11;295(2):180-9. doi: 10.1001/jama.295.2.180

Autor principal – publicații în extenso în reviste indexate Pubmed

1. Haiducu C, Buzea CA, Delcea C, Brasoveanu V, Grasu CM, Dan GA. Sarcopenia assessed by total psoas index - is it correlated with post-operative complications in all digestive cancers? *Med Pharm Rep*. 2023 Jul;96(3):274-282. doi: 10.15386/mpr-2539. Epub 2023 Jul 27. PMID: 37577016; PMCID: PMC10419683.
2. Haiducu C, Buzea A, Mirea LE, Dan GA. The prevalence and the impact of sarcopenia in digestive cancers. A systematic review. *Rom J Intern Med*. 2021 Nov 20;59(4):328-344. doi: 10.2478/rjim-2021-0026. PMID: 34218540.
3. Delcea C, Buzea CA, Dan GA. The neutrophil to lymphocyte ratio in heart failure: a comprehensive review. *Rom J Intern Med*. 2019 Dec 1;57(4):296-314. doi: 10.2478/rjim-2019-0018. PMID: 31301680.
4. Buzea CA, Dan AR, Delcea C, Balea MI, Gologanu D, Dobranici M, Popescu RA, Dan GA. P Wave Signal-Averaged Electrocardiography in Patients with Chronic

Obstructive Pulmonary Disease. *Rom J Intern Med.* 2015 Oct-Dec;53(4):315-20. doi: 10.1515/rjim-2015-0040. PMID: 26939207.

5. Buzea CA, Dan GA, Dan AR, Delcea C, Balea MI, Gologanu DS, Dobranici M, Popescu RA. Role of signal-averaged electrocardiography and ventricular late potentials in patients with chronic obstructive pulmonary disease. *Rom J Intern Med.* 2015 Apr-Jun;53(2):133-9. doi: 10.1515/rjim-2015-0018. PMID: 26402982.

6. Buzea CA, Dan AR, Dan GA. Syncope in elderly patients--is there a place for endomyocardial biopsy? *Rom J Intern Med.* 2013 Apr-Jun;51(2):67-71. PMID: 24294808.

Autor principal – publicații in extenso în reviste indexate BDI

1. **Buzea CA**, Dan AR, Dan GA. Diagnosis orientation and risk stratification in syncope. *Rom J Neurol.* 2013; vol XII (3):105-112. https://rjn.com.ro/articles/2013.3/RJN_2013_3_Art-01.pdf

2. **Buzea CA**, Dan AR, Dan GA. Incidence and hospitalization rate of syncope in a non-emergency hospital. *Rom J Neurol.* 2013; vol XII (3):113-117. https://view.publitas.com/amph/rjn_2013_3_art-02/page/1

3. Popescu R, Dan GA, **Buzea A**. Secondary prevention in patients with atrial fibrillation and stroke or transient ischemic attack – an insight from the FACTS programme. *Rom J Neurol.* 2013; vol XII (3):130-135. https://view.publitas.com/amph/rjn_2013_3_art-05/page/1

4. Popescu R, Dan GA, **Buzea A**. Characteristics of patients with atrial fibrillation and history of stroke or transient ischemic attack – some results from the FACTS database. *Rom J Neurol.* 2013; vol XII (2):53-57. https://view.publitas.com/amph/rjn_2013_2_art-01/page/1

Co-autor - publicații in extenso în reviste indexate Pubmed

1. Dan AR, Daha I, Buzea CA, Dan GA. A debate on the certainty of etiology in a case of syncope. *Rom J Intern Med.* 2013 Apr-Jun;51(2):115-8. PMID: 24294815.

2. Dan AR, Daha I, Buzea CA, Dan GA. A debate on the certainty of etiology in a case of syncope. *Rom J Intern Med.* 2013 Apr-Jun;51(2):115-8. PMID: 24294815.

3. Dobranici M, **Buzea A**, Popescu R. The cardiovascular risk factors of the Roma (Gypsies) people in Central-Eastern Europe: a review of the published literature. *J Med Life.* 2012;5 (4):382-9. <https://medandlife.org/all-issues/2012/issue-4-2012/review-issue-4-2012/the-cardiovascular-risk-factors-of-the-roma-gypsies-people-in-central-eastern-europe-a-review-of-the-published-literature/>

4. Dobranici M, **Buzea A**, Popescu R, Chirila L. Genetic disorder or toxoplasma myocarditis: a case report of dilated cardiomyopathy with hypertrabeculation in a young asymptomatic woman. *J Med Life.* 2012; 5(1):110-3. <https://medandlife.org/all-issues/2012/issue-1-2012/case-presentation-issue-1-2012/genetic-disorder-or-toxoplasma-myocarditis-a-case-report-of-dilated-cardiomyopathy-with-hypertrabeculation-in-a-young-asymptomatic-woman/>

Co-autor - publicații in extenso în reviste indexate BDI

1. Anca Rodica Dan, **C.A. Buzea**, G.-A. Dan. Syncope Units in Romania: A Necessity. *Rom. J. Intern. Med.* 2013; 51(1): 3–8

2. Raluca Alexandra Popescu, Emilia Lidia Chirilă, Paraschiva Postolache, Mihaela Dobranici, **Adrian Buzea**. Hemocromatoză juvenilă cu afectare cardiacă severă. Prezentare de caz. *Revista Medicală Română* 2013; vol LX (1): 79-81

Lucrari prezentate la conferințe naționale și internaționale

Abstracte publicate în reviste ISI (Web of Science Clarivate Journals)

1. **C.A. Buzea**; L. Pagliani; T. Gregorio; M. Santos; R. Providencia; J.I. Weitz; C. Wallenhorst; C. Martinez; A.T. Cohen. Lifestyle risk factors for non-valvular atrial fibrillation. European Society of Cardiology Congress Barcelona, Spain 26-30 August 2017. *Eur Heart J* (2017) 38 (Suppl) 1111 – oral presentation
2. **CA Buzea**; C Delcea; AR Dan; M Dobranici; RA Popescu; A Breha; A Dima; IC Daha; GA Dan. The use of lymphocyte-to-monocyte ratio in patients with heart failure. 3rd World Congress on Acute Heart Failure, Florența, Italia, 21 – 24 Mai 2016. *Eur. J. Heart Failure* (2016) 18 (Suppl. 1).
3. **C.A. Buzea**, A.R. Dan, G.A. Dan, C. Delcea, M.I. Balea, D. Gologanu, R.A. Popescu, A. Iernici. P-wave signal-averaged electrocardiography analysis in acute exacerbation of chronic obstructive pulmonary disease. European Society of Cardiology Congress, London, UK, 29 August – 2 Septembrie 2015. *Eur. Heart J.* (2015) 36 (Suppl 1): 242
4. **AC Buzea**, GA Dan, AR Dan, I Neuhoff – How do patients perceive syncope? *J Interv Card Electrophysiology* 2012, 33 (3)
5. **Adrian Buzea**, A. Dan, G.A. Dan, C. Stanescu, C. Baicus. Revisiting the clinical significance of peri-infarction block. *J Interv Card Electrophysiol* (2009) 24: 275
6. **Buzea C.A.**, Dan G.A., Dan A., Boldeanu A., Daha I., Adam C. A therapeutic nightmare: the elderly hypertensive patient with symptomatic orthostatic hypotension. *J Interv Card Electrophysiol* (2008) 21 (2):137
7. Delcea C, **Buzea, CA**, Draghici A, Vijan A, Stoichituiu LE, Andrus A, Niculescu ML, Hogeia I, Lupan AM, Daha IC, Dan GA - Compared utility of hematological indices in heart failure severity stratification. *Eur J Heart Fail* 2020, 22 (suppl 1): 152-153
8. Draghici, A.A., Delcea, C., **Buzea, A.C.**, Vijan, A., Stoichituiu, L.E., Lupan, M., Daha, I. and Dan, G.A., 2020, September. Predictors of long-term mortality in women and men with heart failure with preserved ejection fraction. *Eur J Heart Fail* 2020;22 (suppl): 334. <https://doi.org/10.1002/ejhf.196>
9. Delcea, C; **Buzea, CA**; Daha, IC; Dima, A; Andrus, A; Tocitu, A; Vijan, A; Stoichituiu, LE; Lupan, M; Niculescu, L; Hogeia, I; Lefter, A; Dobranici, M; Dan, GA - Low platelets in heart failure: small cells, important impact on all-cause long-term mortality. Congress of the European Society of Cardiology. *Eur Heart J* 2019; 40:355 (P751)
10. T. Gregorio; M. Santos; L. Pagliani; R. Providencia; **C. Buzea**; A. Katholing; J. Weitz; C. Martinez; A. Cohen - Comparison of the Risk of Recurrence in Patients with Venous Thromboembolism (VTE) Provoked by Major and Minor Surgery and Trauma. 64th Annual Scientific and Standardization Committee (SSC) meeting, Dublin, Ireland, 2018. *Res Pract Thromb Haemost.* 2018;2(Suppl. 1):1–368
11. C. Delcea, **C.A. Buzea**, A. Tocitu, A. Andrus, A. Breha, M. Dobranici, R. Popescu, I. Daha, G.A. Dan - R2CHADS score - better than CHA2DS2-VASc as a predictor of mortality in the patients with heart failure. ESC Congress 2018, 25 - 29 August, Munich, Germany. *EHJ* (2018) 39 (Suppl), iii—x.
12. C. Delcea; **CA Buzea**; A Dima; A Tocitu; A Andrus; A Breha; GA Dan - Factors influencing extended length of hospital stay in patients with heart failure with preserved ejection fraction. Heart Failure 2018 and the World Congress on Acute Heart Failure, Vienna, Austria. *European Journal of Heart Failure* (2018) 20 (Suppl. S1) 1–4
13. C. Delcea, **A. Buzea**, A. Dima, A. Tocitu, A. Andrus, A. Breha, M. Dobranici, R. Popescu, D. Ciuculete, G.A. Dan - The Lymphocyte-to-monocyte Ratio-A Novel Independent Predictor Of All-cause Mortality In Patients With Heart Failure. 28th European Meeting On Hypertension And Cardiovascular Protection, Barcelona, Spain, 2018. *J Hypertens* Vol 36, Suppl 1, June 2018
14. C. Delcea, **C.A. Buzea**, M.I. Balea, D. Gologanu, M. Dobranici, R.A. Popescu,

G.A. Dan - Fact–A New Prediction Score For Supraventricular Tachyarrhythmias In Patients With Chronic Obstructive Pulmonary Disease. 28th European Meeting On Hypertension And Cardiovascular Protection, Barcelona, Spain, 2018. *J Hypertens* Vol 36, Suppl 1, June 2018

15. A Andrus, C Delcea, **A Buzea**, AM Tocitu, A Breha, I Daha, GA Dan - Clinical phenotype of patients with heart failure with preserved versus mid-range ejection fraction - a pilot study. Acute Cardiovascular Care Congress 2018, Milano, Italy. *European Heart Journal: Acute Cardiovascular Care* (2018): 4– 361

16. D-E Mihai, M Dobranici, **C A Buzea**, G A Dan - To pace or not? A challenge in vasospastic angina associated with paroxysmal atrioventricular block. Acute Cardiovascular Care Congress 2018, Milano, Italy. *European Heart Journal: Acute Cardiovascular Care* (2018): 4– 361

17. A Tocitu, C Delcea, **CA Buzea**, A Andrus, A Breha, D Ciuculete, I Daha, M Dobranici, RA Popescu, GA Dan - High sensitivity troponin T- the value as prognostic marker in patients with heart failure with preserved ejection fraction. Acute Cardiovascular Care Congress 2018, Milano, Italy. *European Heart Journal: Acute Cardiovascular Care* (2018): 4– 361

18. C. Delcea; **C.A. Buzea**; A. Dima; A. Tocitu; A. Breha; A. Andrus; M. Dobranici; R.A. Popescu; I. Daha; C. Stanescu; D.E. Mihai; A. Deutsch; A.R. Dan; C. Baicus; G.A. Dan - The neutrophil-to-lymphocyte ratio - A valuable competitor for NT-proBNP in predicting long-term all-cause mortality in heart failure. European Society of Cardiology Congress Barcelona, Spain 26-30 August 2017. *Eur Heart J* (2017) 38 (Suppl) 1111

19. Delcea C, **Buzea CA**, Dima A, Breha A, Popescu R, Dobranici M, Stanescu C, Dan AR, Baicus C, Dan GA. Neutrophil to lymphocyte ratio – an independent predictor of mortality in patients with heart failure. 3rd World Congress on Acute Heart Failure, Florența, Italia, 21 – 24 Mai 2016. *European Journal of Heart Failure* (2016) 18 (Suppl. 1).

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2. **C.A. Buzea**, C.Delcea, M.I. Balea, D. Gologanu, A. Iernici, Gh. A. Dan. Rolul potențialelor ventriculare tardive în evaluarea substratului aritmic al pacienților cu boală pulmonară obstructivă cronică. *Medicina Interna* vol XII 2015

3. Delcea C , **Buzea CA**, Dobranici M, Popescu AR, Daha IC, Tocitu A, Breha A, Anduș A, Dan GA. Scorul R2CHADS – predictor mai bun decât CHA2DS2-VASc al mortalității la pacienții cu insuficiență cardiacă R2CHADS score – better than CHA2DS2-

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4. Tocitu AM, Delcea C, **Buzea A**, Breha A, Andrus A, Daha I, Dobranici M, Popescu RA, Dan GA. Valoarea crescută a troponinei ca factor predictor în insuficiența cardiacă cu fracție de ejeție păstrată Elevated troponin as a risk predictor in heart failure with preserved ejection fraction. The 56th National Congress of Cardiology September 20th-23rd 2017, Sinaia, Romania. *Rom J Cardiol (Suppl)* ISSN 2537-2661

5. Ciuculete DC, Popescu AR, **Buzea CA**, Delcea C, Dobranici M. Un factor de risc neobișnuit pentru tromboza venoasă profundă An unusual risk factor for deep venous thrombosis. The 56th National Congress of Cardiology September 20th-23rd 2017, Sinaia, Romania. *Rom J Cardiol (Suppl)* ISSN 2537-2661

6. Ivanescu, A. Dan, **A. Buzea**, C. Adam, G.A. Dan. Diferențe ale tipurilor de răspuns la testul tilt pozitiv pentru sincopă în faza pasivă și activă. *Rom J Cardiol* (2015) 25 (suppl)

7. Dima, P. Bălănescu, C. Delcea, E. Bălănescu, C. Badea, C. Jurcuț, **A. Buzea**, C. Băicuș, G.A. Dan. Aprecierea riscului cardiovascular la pacienții cu lupus eritematos sistemic. *Rom J Cardiol* (2015) 25 (suppl)

8. Delcea, **C.A. Buzea**, A. Dima, M. Dobranici, R.A. Popescu, C. Stănescu, A. Breha, C. Băicuș, G.A. Dan. Raportul neutrofile-limfocite – un predictor independent pentru decompensarea acută la pacienții cu insuficiență cardiacă și fracție de ejeție scăzută. *Rom J Cardiol* (2015) 25 (suppl)

9. D.C. Pană, R.A. Popescu, **A. Buzea**, G.A. Dan, A. Deutsch. Fibrilația atrială long-standing – impact asupra calității vieții. *Rom J Cardiol* (2015) 25 (suppl)

10. Breha, A. Deutsch, **A. Buzea**, G.A. Dan. Incidența trombilor atriali la pacienții cu flutter atrial și/sau fibrilație atrială la ecocardiografia transesofagiană realizată în vederea restaurării ritmului sinusal. *Rom J Cardiol* (2015) 25 (suppl)

11. Guțu, **A. Buzea**, A. Potârniche, M. Dobranici, D. Sipciu, G.A. Dan. Tromboze multiple cu evoluție fulminantă. *Rom J Cardiol* 2012; 22 (suppl A):A163

12. Vlase, L. Chirilă, D. Drăghici, C. Niță, I. Daha, A. Buzea, C.M. Stănescu, G.A. Dan. Prevalența factorilor de risc cardiovasculari și terapia acestora în populația rurală din sud-estul României. *Rom J Cardiol* 2012; 22 (suppl A):A194

Lector invitat

1. Assisting cardiovascular patient - Programul O.A.M.M.R, 28.11-29.12.2006, Bucharest
2. Clinical case of proarrhythmia - Cardiac Arrhythmias Symposium, 2006, Bucharest
3. Clinical case of proarrhythmia - Cardiac Arrhythmias Symposium, 2006, Cluj
4. Monogenic Malign Arrhythmias - Cardiac Arrhythmias Symposium, 2006, Arad
5. The evaluation of the patient with arrhythmias - Cardiac Arrhythmias Symposium, 2006, Constanța
6. The evaluation of the patient with arrhythmias - Cardiac Arrhythmias Symposium, 2007, Iași
7. The evaluation of the patient with arrhythmias - Cardiac Arrhythmias Symposium, 2009, Galați
8. Clinical case of syncope - Cardiac Arrhythmias Symposium, 2009, Galați
9. The evaluation of the patient with arrhythmias - Cardiac Arrhythmias Symposium, 2009, Sibiu
10. Management algorithm in atrial fibrillation and atrial flutter - Arrhythmic Emergency Symposium, 2010, Bacău
11. Management of arrhythmias in critical coronary patient - Arrhythmic Emergency Symposium, 2010, Iași
12. Management algorithm in atrial fibrillation and atrial flutter - Arrhythmic Emergency Symposium, 2010, Baia Mare

13. The treatment of Arrhythmias – 10th National Congress of Internal Medicine
Congresul Național de Medicină Internă 15-17.04.2010, Călimănești-Căciulata
14. The value of biomarkers in the diagnosis and prognosis of cardiorenal
syndrome – NefroCarDia Conference, 15-17.11.2012, Sibiu
15. Clinical cases of stable coronary disease – Course of stable angina, 12 aprilie
2013, Bucharest
16. Clinical cases of stable coronary disease – Course of stable angina,
25.10.2013, Iași
17. Clinical case of syncope - Cardiac Arrhythmias Symposium, 2014, Iași
18. Embolic risk in atrial fibrillation - Cardiac Arrhythmias Symposium, 2014, Târgu
Mureș
19. Management of atrial fibrillation from the internal medicine – 14th Congress of
Internal Medicine 2-5.04.2014, Călimănești-Căciulata
20. Arterial age evaluation using CAVI – Romanian Society of Hypertension, 18
20.08.2014, Bucharest
21. ECG-ul...a piece of paper – Summer School of Young Internists, 24-
30.08.2014, Sibiu
22. Clinical case of syncope - Cardiac Arrhythmias Symposium, 2015, Sibiu
23. Arterial age evaluation using CAVI – 15th Congress of Internal Medicine 22-
25.04.2015, Călimănești-Căciulata
24. The electrocardiogram – from a „double blind” method to a diagnostic
instrument - 15th Congress of Internal Medicine 22-25.04.2015, Călimănești-Căciulata
25. Therapeutics options for the patient with atrial fibrillation – 54th National
Congress of Cardiology, 17-19.09.2015, Sinaia
26. The eternal and fascinating...ECG - Medical International Conference of
Students, Aprilie 2016, București
27. Scurtă incursiune în fiziologia anticoagulării – A VIII-a Conferință a Colegiului
Medicilor din Municipiul București, 25-27 iunie 2020
28. Myocardial damage and myocarditis in COVID 19 – Congresul Universitatii de
Medicina si Farmacie Carol Davila Bucuresti, 26-28 noiembrie 2020
29. Workshop ECG – MEDICS 2021
30. Progresia si regresia aterosclerozei - Congresul Universitatii de Medicina si
Farmacie Carol Davila Bucuresti, 2022
31. 2022 Raport de Garda - cazuri clinice comentate - editia a XII-a
32. Managementul terapiei anticoagulante dupasangerarea digestiva – Boala
tromboembolica-Actualitati in diagnostic si tratament, ed 2, Bucuresti, 2023
33. Managementul sangerarilor in fibrilatia atriala – CardioCoag, Bucuresti, 2023
34. Strategii terapeutice in dislipidemii – Congresul National de Neurologie, ed XXI,
Sinaia, 2023
35. Nu tot ce zboara e pasare – Conferinta de primavara a Societatii Nationale de
Cardiologie, Sinaia, 2023
36. Surprize ... previzibile – Congresul National de Cardiologie, ed 62, Sinaia, 2023
37. De la sincopă la moartea subită cardiacă: o călătorie imprevizibilă? – Congresul
National de Cardiologie, ed 62, Sinaia, 2023
38. Preventia primordiala - Congresul Universitatii de Medicina si Farmacie Carol
Davila Bucuresti, Sinaia, 2023
39. Adaptarea la incertitudine – Congresul National de Medicina Interna,
Calimanesti-Caciulata, 2023
40. Interpretarea pacientului care are o electrocardiograma – workshop ECG –
Zilele Educatiei Medicale 2023
41. 2023 Povestiri electrocardiografice - descifrând enigma
42. 2023 Raport de gardă între specialități - cazuri clinice comentate – ediția a XIII-a

Studii clinice

PRINCIPAL INVESTIGATOR

- A Phase 3, Multicenter, Double-blind, Randomized, Placebo-controlled, Parallel-group
Study to Investigate tite Efficacy amt Safety of CSLJ 12 in Subjects with Acute
Coronary Syndrome (AEGIS- II study)
- Quality of adherence to guideline recommendations for life-saving treatment in heart
failure: an international survey (QUALIFY)

- Non-interventional study describing patients' perception on anticoagulant treatment and treatment convenience when treated with Pradaxa® or Vitamine K Antagonist for Stroke Prevention in Non-Valvular Atrial Fibrillation ("1160.249 RE-SONANCE NIS")

SUBINVESTIGATOR ÎN STUDII MULTICENTRICE INTERNAȚIONALE

1. EURObservational Research Programme Atrial Fibrillation (EORP-AF) Pilot General Registry
2. EURObservational Research Programme Atrial Fibrillation (EORP-AF) General Long-term Registry
3. Apixaban for the Prevention of Stroke in Subjects With Atrial Fibrillation (ARISTOTLE)
4. Six Months Efficacy and Safety of Aliskiren Therapy on Top of Standard Therapy, on Morbidity and Mortality in Patients With Acute Decompensated Heart Failure (ASTRONAUT)
5. The BEAUTIFUL Study: Effects of Ivabradine in Patients With Stable Coronary Artery Disease and Left Ventricular Systolic Dysfunction. Protocol CL3-16257-056
6. Edoxaban vs. Warfarin in Subjects Undergoing Cardioversion of Atrial Fibrillation (ENSURE-AF)
7. "A Randomized, Double-Blind, Active-Controlled, Multicenter Study of Patients with Primary Hypercholesterolemia and High Cardiovascular Risk and not Adequately Controlled with Atorvastatin 20 mg: A Comparison of Switching to a Combination Tablet Ezetimibe/Simvastatin (10mg/40mg) versus Doubling the Baseline Dose to Atorvastatin 40 mg."
8. Long-Term Effect of 10 mg Versus 20 mg Rimonabant in Overweight or Obese Patients (MODERATO)
9. Permanent Atrial fibrillation Outcome Study Using Dronedarone on Top of Standard Therapy (PALLAS)
10. Efficacy and Safety of Ivabradine on Top of Atenolol in Stable Angina Pectoris (ASSOCIATE). Protocol CL3-16257-057
11. Evaluation of AVE5026 in the Prevention of Venous Thromboembolism in Acutely Ill Medical Patients With Restricted Mobility (SAVE-VEMED). Protocol EFC 10572
12. Effects of ivabradine in patients with stable coronary artery disease without clinical heart failure. A randomized double-blind placebo-controlled international multicenter study (SIGNIFY). Protocol No. CL3-16257-083
13. The Evaluation of Bococizumab (PF-04950615;RN316) in Reducing the Occurrence of Major Cardiovascular Events in High Risk Subjects (SPIRE-1)
14. A Comparison of Prasugrel and Clopidogrel in Acute Coronary Syndrome Subjects (TRILOGY ACS). Protocol No. H7T-MC-TABY
15. Further Cardiovascular Outcomes Research With PCSK9 Inhibition in Subjects With Elevated Risk (FOURIER)
16. A multicenter, randomized, placebo-controlled, double-blind trial evaluating the effect of two doses of a vasopressin V2 receptor antagonist (SR121463B) on serum sodium in patients with dilutional hyponatremia DILIPO (DILutional HyPOnatremia). Protocol CPR-EFC5816-EN-E01
17. MICHELANGELO OASIS-6 : Fondaparinux in ST Elevation Myocardial Infarction
18. A randomised double-blind controlled phase III study to compare the efficacy and safety of intravenous iron carboxymaltose (Ferinject®) vs. placebo in patients with chronic heart failure, impaired renal function, iron deficiency and Hb level < 13.5 g/dl. Protocol No.FER-CARS-02
19. A randomized, double blind, multicenter, active-controlled, parallel design trial to evaluate the safety and efficacy of the combination of valsartan / amlodipine 160/10 mg versus amlodipine 10mg alone for 8 weeks in hypertensive patients who are adequately controlled on amlodipine 10 mg monotherapy - Protocol CVAA489A2306
20. A randomized, double-blind, placebo-controlled, multicenter study to evaluate efficacy, safety and tolerability of Ezetimibe 10 mg or placebo co-administered with existing Simvastatin 10 mg or 20 mg in attaining Low-Density Lipoprotein Cholesterol target levels in patients with hypercholesterolemia and coronary heart disease -

Protocol 801-01

21. Vernakalant (Oral) Prevention of Atrial Fibrillation Recurrence Post-Conversion Study Protocol No. 1235-SR-202-AF
22. Studiu de faza III, Randomizat, dublu-orb, multicentric, multinational, grup paralel, evaluand eficacitatea si siguranta combinatiei Olmesartan Medoxomil/ Hydrochrolothiazide 40/12.5 mg fata de Olmesartan Medoxomil 40 mg monoterapie la pacientii cu hipertensiune esentiala. Protocol No. CS866CM-B-E303
23. A randomized, double-blind, placebo controlled multi-center and parallel group study of the safety, tolerability and efficacy of YM150 in combination with standard treatment in secondary prevention of ischemic vascular events in subjects with acute coronary syndromes. The RUBY-1 study. Protocol No. 150-CL-201
24. A Long Term Study of Sibutramine and the Role of Obesity Management in Relation to Cardiovascular Disease in Overweight and Obese Patients (SCOUT). Protocol M01-392

SUBINVESTIGATOR ÎN STUDII MULTICENTRICE NAȚIONALE

Fibrilația Atrială: Conștientizare și strategie Terapeutică – Studiu populațional (Registrul National de Fibrilație Atrială) FACTS”. Protocol DIREG_L_04774

Distincții

1. Diplomă ca recunoaștere a participării active în cadrul Grupului de Lucru pentru Aritmii al Societății Române de Cardiologie
2. Diploma de recunoaștere a participării la European Registry of Atrial Fibrillation 2012-2013
3. 2017 Diploma de stimulare programul cercetării științifice pt lucrarea ” Deceleration and Acceleration Capacities in Risk Stratification for Arrhythmias in Patients With Chronic Obstructive Pulmonary Disease”
4. Excellency Award for scientific activity in the project „Cercetarea doctorală și postdoctorală prioritate a învățământului superior românesc” (Doc-Postdoc). *Programul Operațional Sectorial pentru Dezvoltarea resurselor Umane (POSDRU), finanțat din Fondul Social European și Guvernul României prin nr. POSDRU/159/1.5/S/137390.*
5. 2023 Premiu in cadrul proiectului PRECISI2023, Program Resurse Umane, Subprogram Suport – Premiarea rezultatelor cercetării – articole Web of Science, prin Ministerul Cercetării, Inovării și Digitalizării, prin UEFISCDI
6. 2023 Oral Presentation Award Winner - 27th Annual Scientific Meeting of the ISCP. ”*The Predictive Value of NT-proBNP across Glomerular Filtration Rate Subsets in Heart Failure Treated Patients*”. D. Ionescu, C. Delcea, C.A Buzea, A. Vijan, R Martin, E. Bădilă, G.A.Dan
7. 1st Prize – Young Investigator Award – Congresul Universitatii de Medicina si Farmacie Carol Davila 2022, Editia X, 10 -12 Noiembrie 2022, Bucuresti, Romania. *The heart-kidney interplay in heart failure patients and its role in all-cause long-term mortality prediction.* Ionescu D, Delcea C, Vijan A, Martin R, **Buzea CA**, Badila E, Dan GA.
8. 3rd Prize for Research in Heart Failure – The 59th National Congress of Cardiology September 16-19th 2020, Romania. *Pericardial effusion – an independent predictor of all-cause long-term mortality in heart failure.* Delcea C, **Buzea CA**, Tocitu AM, Vijan A, Stoichituiu E, Daha IC, Dan GA.
9. 2nd Prize for Research in Heart Failure – The 58th National Congress of Cardiology September 18-21st 2019, Sinaia, Romania. *Thrombocytopenia – an independent predictor of mortality in heart failure.* Delcea C, **Buzea CA**, Tocitu AM, Stoichituiu E, Hogeia I, Niculescu LM, Lupan M, Daha I, Dan GA.
10. 2nd Prize for Reasearch in Heart Failure – The 57th National Congress of Cardiology September 19-22nd 2018, Sinaia, Romania. *NT-proBNP la pacientii cu insuficienta cardiaca si boala cronica de rinichi avansata/ NT-proBNP in patients with heart failure and advanced chronic kidney disease.* Stoichituiu LE, Delcea C, **Buzea A**, Tocitu A, Angheluta S, Dan GA.
11. Best Case Presentation – The Most interesting Clinical Case – Young Cardiologists’ Club – The 57th National Congress of Cardiology September 19-22nd 2018, Sinaia, Romania. *Tromboliza cu succes pentru trombolism pulmonar cu risc inalt la o pacienta cu risc hemoragic prin pemfigus vulgar/ Successful thrombolysis for*

high-risk pulmonary embolism in a patient with extensive pemphigus vulgaris. Vezeteu R, Delcea C, **Buzea CA**, Costangioara V, Neuhoff I, Dan GA.

12. Plenary Session Second Prize – The 13th Young European Scientist Meeting, September 13-16th 2018, Porto, Portugal. *Does left ventricular aneurysm influence survival in patients with heart failure and a history of myocardial infarction?* Hogeia ICG, Delcea C, Niculescu LM, **Buzea A**, Tocitu A, Stoichitioiu E, Lefter A, Popescu R, Dan GA.

13. Internal Medicine Poster Presentation Honorable Mention – The 13th Young European Scientist Meeting, September 13-16th 2018, Porto, Portugal. *R2CHADS2 – a better predictor than CHADS2 and CHA2DS2-VASc for long-term all-cause mortality in heart failure patients.* Niculescu LM, Delcea C, Hogeia ICG, **Buzea A**, Dobranici M, Vijan A, Andrus A, Ailenei M, Moise A, Angheluta S, Dan GA.

14. 2nd Prize for Research in Heart Failure – The 56th National Congress of Cardiology September 20-23rd 2017, Sinaia, Romania. *Valoarea crescută a troponinei ca factor predictor în insuficiența cardiacă cu fracție de ejeție păstrată/ Elevated troponin as a risk predictor in heart failure with preserved ejection fraction.* Tocitu AM, Delcea C, **Buzea A**, Breha A, Andrus A, Doha I, Dobranici M, Popescu RA, Dan GA

15. 3rd Place – Original Papers – The 15th National Congress of Internal Medicine, Călimănești-Căciulata, Romania, April 23-25th 2015. *The role of ventricular late potentials in evaluating the arrhythmic substrate of patients with COPD/ Rolul potențialelor ventriculare tardive în evaluarea substratului aritmic al pacienților cu BPOC.* **Buzea A**, Delcea C, Balea MI, Gologanu D, Iernici A, Dan GA.

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Data

15 februarie 2024

Semnătură