

INFORMAȚII PERSONALE

CĂTĂLIN ADRIAN BUZEA


EXPERIENȚA PROFESIONALĂ

- Din 2024

Conferentiar universitar
Universitatea de Medicina si farmacie "Carol Davila"
Dionisie Lupu 37, Bucuresti, 020022, Romania
- 2016-2024

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 Societății 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 Șef departament Cardiologie, Spitalul Clinic Colentina București
- Din 2021 Coordonator compartiment USTACC – Cardiologie, Spitalul Clinic Colentina, București
- Din 2021 Coordonator program AP-USTACC - Cardiologie, Spitalul Clinic Colentina, București

Competențe dobândite la locul de muncă

- Coordonator al activității de e-learning

Competențe digitale

- Cunoaștere componente și funcționare hardware
- Cunoaștere profundă 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, dobândite ca amator

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*

- "Studiarea 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

- **CA Buzea**, AR Dan - Beta-blockers as Antiarrhythmic Agents in Antiarrhythmic Drugs. Editors Antoni Martínez-Rubio, Juan Tamargo, Gheorghe- Andrei Dan. Springer ,2024, ISBN: 978-3-031-74045-9
- AR Dan, A Martinez-Rubio, **CA Buzea** - Multitarget Autonomic Acting Drugs in Antiarrhythmic Drugs. Editors Antoni Martínez-Rubio, Juan Tamargo, Gheorghe- Andrei Dan. Springer ,2024
- Delcea C, **Buzea CA** - Hipercoagulabilitatea în infecția cu SARS-CoV-2 in 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

Articole

- Lip G, Proietti M, Ainsworth J et al on **behalf of the AFFIRMO Study Investigators** and Consortium - Integrated care management and comprehensive geriatric assessment using a mHealth-based approach in older multimorbid patients with atrial fibrillation: the AFFIRMO cluster-randomised trial. *The Lancet Regional Health – Europe*, 2026; 0
- Totolici, S; Vrabie, AM; **Buzea, CA**; Badila, E - Cardiovascular Risk in Psoriatic Arthritis: Mechanisms, Risk Assessment, and Long-Term Management Implications. *Int J Mol Sci*. 2026 May 9;27(10):4226. doi: 10.3390/ijms27104226
- Tulba, D; Tanasoiu, AC; Constantinescu, AM ; Blidaru, N; **Buzea, A**; Baicus, C; Dumitrescu, L; Davidescu, EI; Popescu, BO. Cardiovascular Dysautonomia in Patients with Parkinson's Disease and Hypertension: A Cross-Sectional Pilot Study. *J Clin Med* 2025 Mar 25;14(7):2225. doi: 10.3390/jcm14072225
- Tiago G, Creeper KJ, Pagliani L, Providencia R, **Buzea A**, Wallenhorst C, Weitz JI, Cohen AT - Relationship between Surgery and Trauma and Risk of Recurrence in Patients with an Associated First Venous Thrombotic Event: A Nested Case-Control Study. *Thromb Haemost*. 2025 Dec;125(12):1266-1275. doi: 10.1055/a-2535-7321
- Mihai DE, Delcea C, **Buzea CA**, Dan GA - Association of neutrophil-to-lymphocyte ratio and monocyte-to-lymphocyte ratio with all-cause mortality in patients with ischemia and non-obstructive coronary arteries. *Revista Romana de Medicina de Laborator*, 33(1),

2025. 21-28. doi:10.2478/rrlm-2025-0004

- Delcea C, **Buzea CA**, Dobrev D, Dan GA - Prognostic roles of neutrophil-lymphocyte, monocyte-lymphocyte and platelet-lymphocyte ratios for long-term all-cause mortality in heart failure. *Int J Cardiol Heart Vasc*. 2024 Aug 31;54:101502
- 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 December 1;61(4):202-211
- Delcea C, **Buzea CA**, Vijan AE, Badila 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
- **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.
- **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
- Dan GA, Dan RA, Ivanescu A, **Buzea CA** - Acute rate control in atrial fibrillation: an urgent need for the clinician. *Eur Heart J Suppl* 2022 Jun 13;24(Suppl D):D3-D10
- 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
- **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 28(3):364-367
- 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 55(4): 227-236
- 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
- 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, 59, 4, 328–344
- 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/rrlm-2021-001
- 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
- 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/ehjhf.1459
- 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
- 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
- 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/ehjhf.887

- 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/ehf.510
- **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
- Gheorghe-Andrei Dan, **Adrian Cătălin Buzea**. Stroke Prevention in Atrial Fibrillation – The Use of NOACs in Everyday Clinical Practice. *European Cardiology Review*, 2015; 10 (2): 76-78
- **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.
- **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
- **Catalin A. Buzea**, Anca R. Dan, Gheorghe A. Dan. Diagnosis orientation and risk stratification in syncope. *Rom J Neurol*. 2013; vol XII (3):105-112
- **Catalin A. Buzea**, Anca R. Dan, Gheorghe A. Dan. Incidence and hospitalization rate of syncope in a non-emergency hospital. *Rom J Neurol*. 2013; vol XII (3):113-117
- Anca Rodica Dan, **C.A. Buzea**, G.-A. Dan. Syncope Units in Romania: A Necessity. *Rom. J. Intern. Med*. 2013; 51(1): 3–8
- Raluca Popescu, Gheorghe Andrei Dan, **Adrian Buzea**. 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
- **C.A. Buzea**, Anca Rodica Dan, G.-A. Dan. Syncope in Elderly Patients – Is There a Place for Endomyocardial Biopsy? *Rom. J. Intern. Med*. 2013; 51(2): 67-71
- Dan AR, Dahi 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.
- Raluca Popescu, Gheorghe Andrei Dan, **Adrian Buzea**. 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
- 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
- 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
- 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
- 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

Lucrari prezentate la
conferințe naționale și
internationale

AUTOR PRINCIPAL

- **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
- **CA Buzea**; C Delcea; AR Dan; M Dobranici; RA Popescu; A Brehă; A Dima; IC Dahi; 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).

- **C.A. Buzea**, M. Dobranici, R.A. Popescu, A. Iernici, C. Delcea, M.I. Balea, D. Gologanu, G.A. Dan. Turbulența ritmului cardiac – o unealtă pentru stratificarea riscului de aritmii ventriculare la pacienții cu boală pulmonară cronică obstructivă. *Rom J Cardiol* (2015) 25 (suppl)
- **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
- **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
- **AC Buzea**, GA Dan, AR Dan, I Neuhoﬀ – How do patients perceive syncope? *J Interv Card Electrophysiology* 2012, 33 (3)
- **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
- **Buzea C.A.**, Dan G.A., Dan A., Boldeanu A., Dahan I., Adam C. A therapeutic nightmare: the elderly hypertensive patient with symptomatic orthostatic hypotension. *J Interv Card Electrophysiol* (2008) 21 (2):137

AUTOR SECUNDAR

- Martin-Graur, RE, Delcea, C; Ionescu, DA; Vijan, A; Vrabie, AM; Buzea, CA; Badila, E; Dan, GA - Factors influencing extended length of hospital stay in patients with heart failure with mildly reduced ejection fraction. *Eur J Heart Fail* 2023 (25) Suppl 2:286-287
- Delcea C, **Buzea, CA**, Draghici A, Vijan A, Stoichitoiu LE, Andrus A, Niculescu ML, Hogeia I, Lupan AM, Dahan IC, Dan GA - Compared utility of hematological indices in heart failure severity stratification. *Eur J Heart Fail* 2020, 22 (suppl 1): 152-153
- Delcea, C; **Buzea, CA**; Dahan, IC; Dima, A; Andrus, A; Tocitu, A; Vijan, A; Stoichitoiu, 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)
- 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
- C. Delcea, **C.A. Buzea**, A. Tocitu, A. Andrus, A. Breha, M. Dobranici, R. Popescu, I. Dahan, G.A. Dan - R2CHADS2 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.
- 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
- 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
- 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
- A Andrus, C Delcea, **A Buzea**, AM Tocitu, A Breha, I Dahan, 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

- 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
- A Tocitu, C Delcea, **CA Buzea**, A Andrus, A Breha, D Ciuculete, I Doha, 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
- C. Delcea; **C.A. Buzea**; A. Dima; A. Tocitu; A. Breha; A. Andrus; M. Dobranici; R.A. Popescu; I. Doha; 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
- Delcea C, **Buzea CA**, Dobranici M, Popescu AR, Doha 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-VASc as predictor of mortality in the patients with heart failure. The 56th National Congress of Cardiology September 20th-23rd 2017, Sinaia, Romania. *Rom J Cardiol* (Suppl) ISSN 2537-2661
- Tocitu AM, Delcea C, **Buzea A**, Breha A, Andrus A, Doha 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
- 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
- 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).
- A Breha; C Delcea; **CA Buzea**; A Dima; RA Popescu; M Dobranici; I Doha; AR Dan; C Baicus; GA Dan. Thyroid-stimulating hormone -predictor of long term mortality in heart failure with reduced ejection fraction. 3rd World Congress on Acute Heart Failure, Florența, Italia, 21 – 24 Mai 2016. *European Journal of Heart Failure* (2016) 18 (Suppl. 1).
- A. 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)
- A. 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)
- C. 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)
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Lector invitat

- Assisting cardiovascular patient - Programul O.A.M.M.R, 28.11-29.12.2006, Bucharest
- Clinical case of proarrhythmia - Cardiac Arrhythmias Symposium, 2006, Bucharest
- Clinical case of proarrhythmia - Cardiac Arrhythmias Symposium, 2006, Cluj
- Monogenic Malign Arrhythmias - Cardiac Arrhythmias Symposium, 2006, Arad
- The evaluation of the patient with arrhythmias - Cardiac Arrhythmias Symposium, 2006, Constanța
- The evaluation of the patient with arrhythmias - Cardiac Arrhythmias Symposium, 2007, Iași
- The evaluation of the patient with arrhythmias - Cardiac Arrhythmias Symposium, 2009, Galați
- Clinical case of syncope - Cardiac Arrhythmias Symposium, 2009, Galați
- The evaluation of the patient with arrhythmias - Cardiac Arrhythmias Symposium, 2009, Sibiu
- Management algorithm in atrial fibrillation and atrial flutter - Arrhythmic Emergency Symposium, 2010, Bacău
- Management of arrhythmias in critical coronary patient - Arrhythmic Emergency Symposium, 2010, Iași
- Management algorithm in atrial fibrillation and atrial flutter - Arrhythmic Emergency Symposium, 2010, Baia Mare
- The treatment of Arrhythmias – 10th National Congress of Internal Medicine Congresul Național de Medicină Internă 15-17.04.2010, Călimănești-Căciulata
- The value of biomarkers in the diagnosis and prognosis of cardiorenal syndrome – NefroCarDia Conference, 15-17.11.2012, Sibiu
- Clinical cases of stable coronary disease – Course of stable angina, 12 aprilie 2013, Bucharest
- Clinical cases of stable coronary disease – Course of stable angina, 25.10.2013, Iași
- Clinical case of syncope - Cardiac Arrhythmias Symposium, 2014, Iași
- Embolic risk in atrial fibrillation - Cardiac Arrhythmias Symposium, 2014, Târgu Mureș
- Management of atrial fibrillation from the internal medicine – 14th Congress of Internal Medicine 2-5.04.2014, Călimănești-Căciulata
- Arterial age evaluation using CAVI – Romanian Society of Hypertension, 18-20.08.2014, Bucharest
- ECG-ul...a piece of paper – Summer School of Young Internists, 24-30.08.2014, Sibiu
- Clinical case of syncope - Cardiac Arrhythmias Symposium, 2015, Sibiu
- Arterial age evaluation using CAVI – 15th Congress of Internal Medicine 22-25.04.2015, Călimănești-Căciulata
- The electrocardiogram – from a „double blind” method to a diagnostic instrument - 15th Congress of Internal Medicine 22-25.04.2015, Călimănești-Căciulata
- Therapeutics options for the patient with atrial fibrillation – 54th National Congress of Cardiology, 17-19.09.2015, Sinaia
- The eternal and fascinating...ECG - Medical International Conference of Students, Aprilie 2016, București
- Scurtă incursiune în fiziologia anticoagulării – A VIII-a Conferință a Colegiului Medicilor din Municipiul București, 25-27 iunie 2020
- Myocardial damage and myocarditis in COVID 19 – Congresul Universitatii de Medicina si Farmacie Carol Davila Bucuresti, 26-28 noiembrie 2020
- Workshop ECG – MEDICS 2021
- Progresia si regresia aterosclerozei - Congresul Universitatii de Medicina si Farmacie Carol Davila Bucuresti, 2022

- Managementul terapiei anticoagulante după sângerarea digestivă – Boala tromboembolică-Actualități în diagnostic și tratament, ed 2, București, 2023
- Managementul sângerărilor în fibrilația atrială – CardioCoag, București, 2023
- Strategii terapeutice în dislipidemii – Congresul Național de Neurologie, ed XXI, Sinaia, 2023
- Nu tot ce zboară e pasăre – Conferința de primăvară a Societății Naționale de Cardiologie, Sinaia, 2023
- Surprize ... previzibile – Congresul Național de Cardiologie, ed 62, Sinaia, 2023
- De la sincopă la moartea subită cardiacă: o călătorie imprevizibilă? – Congresul Național de Cardiologie, ed 62, Sinaia, 2023
- Prevenția primordială - Congresul Universității de Medicină și Farmacie Carol Davila București, Sinaia, 2023
- Adaptarea la incertitudine – Congresul Național de Medicină Internă, Calimănești-Căciulata, 2023
- Interpretarea pacientului care are o electrocardiogramă – workshop ECG – Zilele Educației Medicale 2023

Studii clinice

PRINCIPAL INVESTIGATOR

- 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

- EURObservational Research Programme Atrial Fibrillation (EORP-AF) Pilot General Registry
- EURObservational Research Programme Atrial Fibrillation (EORP-AF) General Long-term Registry
- Apixaban for the Prevention of Stroke in Subjects With Atrial Fibrillation (ARISTOTLE)
- 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)
- The BEAUTIFUL Study: Effects of Ivabradine in Patients With Stable Coronary Artery Disease and Left Ventricular Systolic Dysfunction. Protocol CL3-16257-056
- Edoxaban vs. Warfarin in Subjects Undergoing Cardioversion of Atrial Fibrillation (ENSURE-AF)
- "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."
- Long-Term Effect of 10 mg Versus 20 mg Rimonabant in Overweight or Obese Patients (MODERATO)
- Permanent Atrial fibrillation Outcome Study Using Dronedarone on Top of Standard Therapy (PALLAS)
- Efficacy and Safety of Ivabradine on Top of Atenolol in Stable Angina Pectoris (ASSOCIATE). Protocol CL3-16257-057
- Evaluation of AVE5026 in the Prevention of Venous Thromboembolism in Acutely Ill Medical Patients With Restricted Mobility (SAVE-VEMED). Protocol EFC 10572
- 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
- The Evaluation of Bococizumab (PF-04950615; RN316) in Reducing the Occurrence of Major Cardiovascular Events in High Risk Subjects (SPIRE-1)
- A Comparison of Prasugrel and Clopidogrel in Acute Coronary Syndrome Subjects

(TRILOGY ACS). Protocol No. H7T-MC-TABY

- Further Cardiovascular Outcomes Research With PCSK9 Inhibition in Subjects With Elevated Risk (FOURIER)
- 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
- MICHELANGELO OASIS-6 : Fondaparinux in ST Elevation Myocardial Infarction
- 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
- 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
- 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
- Vernakalant (Oral) Prevention of Atrial Fibrillation Recurrence Post-Conversion Study Protocol No. 1235-SR-202-AF
- Studiu de faza III, Randomizat, dublu-orb, multicentric, multinational, grup paralel, evaluand eficacitatea si siguranta combinatiei Olmesartan Medoxomil/ Hydrochlothiazide 40/12.5 mg fata de Olmesartan Medoxomil 40 mg monoterapie la pacientii cu hipertensiune esentiala. Protocol No. CS866CM-B-E303
- 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
- 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

Distinctii

- Diplomă ca recunoaștere a participării active în cadrul Grupului de Lucru pentru Aritmii al Societății Române de Cardiologie
- Award for active participation to the European Registry of Atrial Fibrillation
- 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 (POS DRU), finanțat din Fondul Social European și Guvernul României prin nr. POS DRU/159/1.5/S/137390.*
- 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
- 1st Prize – Young Investigator Award – Congresul Universității 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.
- 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, Stoichitoiu E, Dahan IC, Dan GA.

- 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.
- 2nd Prize for Research 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.
- 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 tromboembolism 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, Neuhooff I, Dan GA.
- 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, Stoichituiu E, Lefter A, Popescu R, Dan GA.
- 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.
- 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, Daha I, Dobranici M, Popescu RA, Dan GA.
- 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
3.09. 2026

Semnătură