

CURRICULUM VITAE

PERSONAL INFORMATION:

First name(s) / Surnames(s): Constantin Militaru

Work Address:

Telephone:

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Nationality

Date of Birth

Marital Status

EDUCATION AND TRAINING

- 2012 M.B.A. Craiova University of Medicine and Pharmacology Health
Administration
Craiova, Dolj, Romania
- 2003 Ph.D Craiova University of Medicine and Pharmacology Medical Science
Craiova, Dolj, Romania
- 1994 Residency C.C. Iliescu Institute of Cardiovascular Diseases Cardiology
Bucharest, Romania
- 1986 M.D. Craiova University of Medicine and Pharmacology Medicine

PROFESSIONAL EXPERIENCE

- 2017 – Present Associate Professor Craiova University of Medicine
2 Petru Rares Str., Craiova, Dolj,
- 2011 – Present Head of Department Coronary Intensive Care Unit
Craiova Cardiology Center
1 Tabaci Str., Craiova, Dolj, Romania
- 2000 – Present Senior Specialist in Cardiology Coronary Intensive Care Unit
Craiova Cardiology Center
1 Tabaci Str., Craiova, Dolj, Romania
- 1997 – Present Medical Director S.C. CARDIOMED S.R.L.
50 Nicolae Titulescu Blvd.,
Building E3, Ap.2, Craiova, Dolj, Romania
- 1998 – 2000 Senior Specialist in Cardiology Craiova Emergency Clinical Hospital

1994 – 1997 Specialist in Cardiology
Craiova, Dolj, Romania
Craiova Emergency Clinical Hospital
Craiova, Dolj, Romania

CERTIFICATIONS:

2008 Transesophageal Echocardiography
The Heart Institute Cluj, Cluj, Romania
2007 Vascular Echography
“C.C. Iliescu” Institute of Cardiovascular Diseases, Bucharest, Romania
1997 Echocardiography
“C.C. Iliescu” Institute of Cardiovascular Diseases, Bucharest, Romania

PROFESSIONAL MEMBERSHIPS:

American College of Cardiology	Fellow
American Society of Echocardiography	Member
European Society of Cardiology	Fellow
European Association of Echocardiography	Member
International Society of Cardiovascular Pharmacotherapy	Member
World Heart Federation	Member
Romanian Society of Cardiology	Member
Dolj Branch President (2008-2010)	
College of Romanian Physicians	Board Member
Romanian Society of Internal Medicine	Member

Books, book chapters

1. **C. Militaru:** *Riscul cardiovascular global și Bolile perdicardului, (Global cardiovascular risk and pericardium diseases)* in: O. Istrătoaie, I. Donoiu: *Medicină internă – cardiologie*. Editura Sitech, 2018, Craiova, ISBN 978-606-11-6207-9. (coauthor)
2. **C. Militaru, O. Istratoaie:** Dispozitive implantabile intracardiace, *(Intracardiac implantable devices)* in: O. Istrătoaie. *Urgențe cardiace și vasculare*. Editura Medicală Universitară Craiova, 2016, ISBN 978-973-106-273-0, pp 138-155. (coauthor)

3. Daniela Neagoe, A.M. Amzolini, A. Farmazon, G. Ianosi, **C. Militaru**: *Compendiu de Medicina Interna - Pentru Asistente Medicale si Moase*, Ed Sitech, Craiova, 2016, ISBN 978-606-11-5632-0, pp 170. (coordinator)

4. O. Mirea, S. Vava, D. Anghelina, O. Chioncel, **C. Militaru**, R. Musetescu: *Insuficiența cardiacă acută la un pacient cu Sindrom Marfon, (Acute heart failure in a Marfan syndrome patient)* în: C. Ginghina, *Imagistica la bolnavi cardiaci*, vol VII, Editura Medicală 2013, ISBN 978-973-39-0749-7, pp 50-51. (coauthor)

5. **C. Militaru**: *Insuficiența cardiacă acută, (Acute heart failure)* in: Rodica Mușetescu, D.-D. Ionescu, C. Florescu, O. Istrătoaie, I. Donoiu, R. Mustafa, E. Belu, **C. Militaru**. *Cardiologie vol. 2*, Editura Medicală Universitară Craiova, 2010, ISBN 978-973-106-170-2, pp 181-189. (author/coordinator)

In extenso articles/studies published in ISI Thomson Reuters journals (with impact factor)

1. Ionuț Donoiu, **Constantin Militaru**, Oana Obleagă, John M. Hunter, Johny Neamțu, Andrei Biță, Ion Romulus Scorei, Otilia Constantina Rogoveanu. *Effects of boron-containing compounds on cardiovascular disease risk factors – A review*. Journal of Trace Elements in Medicine and Biology. 2018; 50: 47–56. IF 3.755

2. Oana Mirea, Oana Maria Coraci, Octavian Istrătoaie, Ionut Donoiu, Maria Iancău, **Constantin Militaru**. *Left and right ventricular morphology and function in athletes with elevated pulmonary systolic arterial pressure*. Echocardiography. 2018 ;35(6):769-776. IF 1.197

3. Oana Mirea, Oana Maria Coraci, Mihaela Berceanu, Ionuț Donoiu, **Constantin Militaru**, Octavian Istratoaie. *Variability of longitudinal strain measurements: levelling the playing field*. Acta Cardiologica. 2018; DOI: 10.1080/00015385.2018.1480469. IF 0.876

4. Militaru C, Mărginean CM, Neagoe CD, Deliu RC, Alexandru DO, Mănescu MD, Liliac IM, **Militaru C**, Rogoveanu I. *In-hospital and short-term prognostic factors in acute pulmonary edema: clinical and morphological features*. Rom J Morphol Embryol. 2017;58(4):1347-1356. IF 0.912

5. O Mirea, Istratoaie O, Schnell F, Duchenne J, Militaru C, **Militaru C**. *Multidirectional left ventricle and longitudinal right ventricle deformation analysis by two*

dimensional speckle tracking echocardiography in young elite athletes. Acta Cardiol. 2016 Aug;71(4):395-402. IF 0.6

6. **Militaru C**, Donoiu I, Craciun A, Scorei ID, Bulearca AM, Scorei RI. *Oral resveratrol and calcium fructoborate supplementation in subjects with stable angina pectoris: Effects on lipid profiles, inflammation markers, and quality of life. Nutrition. 2013 Jan;29(1):178-183. IF 3.046*

7. **Militaru C**, Donoiu I, Ionescu DD. *P wave signal-averaged ECG in normal population and in patients with converted atrial fibrillation. Ann Noninvasive Electrocardiol. 2011 Oct;16(4):351-356. IF 1.098*

8. D. Richter, C. Michel, S Acharge, P. Brunel, **C. Militaru**. *Aliskiren stepped-care treatment algorithm provides effective blood pressure control. The International Journal of Clinical Practice. 2011;65(5): 613-623. IF 2.513*

9. **Militaru C**, Donoiu I, Dracea O, Ionescu DD. *Serum testosterone and short-term mortality in men with acute myocardial infarction. Cardiol J. 2010;17(3):249-253. IF 1.208*

10. Mitrut M., Stepan E., Margaritescu C., Andreiana B., Kesse A., Simionescu C. **Militaru C**. *Immunoexpression of MMP-8, MMP-9 and TIMP-2 in dilated cardiomyopathy. Romanian Journal of Morphology and Embryology. 2019;60(1):119-124. IF 1.5*

Partial list of in extenso articles/studies published in ISI Thomson Reuters journals as coauthor.

1. Oana Mirea, Mihaela Berceanu, Ionut Donoiu, **Constantin Militaru**, Adrian Săftoiu, Octavian Istrătoaie. *Variability of right ventricular global and segmental longitudinal strain measurements. Echocardiography. 2019;36(1):102-109, IF 1.197*

2. Huisman, MV; Rothman, KJ; Paquette, M... **Militaru, C** et al. *The Changing Landscape for Stroke Prevention in AF. J Am Coll Cardiol. 2017 Feb 21;69(7):777-785, IF 18.639*

3. Bonaca, MP; Bhatt, DL; Cohen, M... **Militaru, C** et al. *Long-Term Use of Ticagrelor in Patients with Prior Myocardial Infarction*. N Engl J Med 2015; 372:1791-1800, IF 59.558

4. Simsekylmaz, Sakine; Liehn, Elise A.; **Militaru, Constantin**; et al. *Progress in interventional cardiology: challenges for the future*. Thrombosis And Haemostasis; 2015;113(3):464-472. IF 4.451

5. Dorobantu, M; Tautu, OF; Fruntelata, A; Calmac, L; Tatu-Chitoiu, G; Bataila, V; Dimulescu, D; Craiu, E; Nanea, T; Istvan, A; Babes, K; Macarie, C; **Militaru, C**; et. al. *Hypertension and acute coronary syndromes in Romania: data from the ISACS-TC registry*. European Heart Journal Supplements. 2014;16(A):A20-A27. IF 0.819

In extenso articles in ISI Thomson Reuters journals without impact factor. Deliu, Ruxandra; Donoiu, Ionut; **Militaru, Constantin**; et al. *Correlates of diastolic function in patients with alcoholic liver cirrhosis*. Corsalud. 2018; 10(2): 106-112.

1. Ciobanu, Petre; Donoiu, Ionut; **Militaru, Constantin**; et al. *Pneumopericardium in a young patient with tuberculous pericarditis*. Corsalud. 2018; 10(1): 78-79.

2. Mirea, Oana; Berceanu, Mihaela; Constantin, Anca; Manescu, Mirela; Tarte, Georgica C.; Donoiu, Ionut; **Militaru, Constantin**; Istratoaie, Octavian. *Non-compaction cardiomyopathy - brief review*. Journal Of Mind And Medical Sciences. 2017; 4(2): 115-124.

3. Lichiardopol C, **Militaru C**. *Ecocardiographic features of Turner subjects without cardiovascular disorders*. Acta Endocrinologica (Bucharest) 2007; 3 (e) 45-54.

Partial list of in extenso articles published in BDI indexed journals.

1. C Militaru, R Deliu, I Donoiu, DO Alexandru, **C Militaru**. *Echocardiographic Parameters in Acute Pulmonary Edema*. Current Health Sciences Journal. 2017; 43(4): 345-350.

2. O. Mirea , I. Donoiu, O. Iistratoaie, **C. Militaru**. *Marfan Syndrome - Acute Aortic Dissection Due to Giant Aortic Aneurysm*. Current Health Sciences Journal. 2017; 43(1): 95-7.

3. Sebastian Militaru, **Constantin Militaru**, Ioana Smărăndița Lăcău, Lucian Zarma, Elvis Botu, Monica Rosca, Oana Mirea, Bogdan Alexandru Popescu, Carmen

Ginghina, Ruxandra Jurcut. *Myocarditis or myocardial bridging? Filling the diagnostic gap*. Romanian Journal of Cardiology 2015; 25 (2).

4. **C. Militaru**, I. Donoiu. *Atrial fibrillation recurrence predictors after conversion to sinus rhythm*. Current Health Sciences Journal, vol. 40, no. 2, 129-133, 2014.
5. Donoiu I, Radu RI, **Militaru C**, Ionescu DD. *Metode neinvazive de evaluare a riscului aritmic (Noninvasive methods for arrhythmic risk evaluation)*. Revista medicală română, volumul LIX, nr. 1, 20-23, 2012.
6. Donoiu I, Mirea Oana Cristina, Giucă Alina, **Militaru C**, Ionescu DD. *Post-Myocardial Infarction Arrhythmia Risk Stratification Using Microvolt T-Wave Alternans*. Current Health Sciences Journal Vol. 38, No. 2, 65-68, 2012.
7. I. Donoiu, R.I. Radu, Alina Giucă, **C. Militaru**, D.D. Ionescu. *Arrhythmia Risk Stratification after Myocardial Infarction*. Current Health Sciences Journal Vol. 37, No. 1, 5-9, 2011.
8. Lichiardopol C., **Militaru C**. *Holt - Oram syndrome*. Romanian Journal of Morphology and Embriology 2007, 48(e) 67-70.
9. Lichiardopol C., **Militaru C**. *Ellis-van Crevel syndrome*. Romanian Journal of Morphology and Embriology 2006, 47(e) 363-366.
10. Mitrut R., Pirici D., Stepan E., Margaritescu C., Simionescu C., Kesse A., **Militaru C**. *Histopathological and Morphometric Study of Fibrosis and Nuclear Pleomorphism in Dilated Cardiomyopathy*. Current Health Sciences Journal 2019, 45(1) 73-78.

Competition research grants/projects (as director/ project coordinator/ member).

1. *Dezvoltarea unei metodologii inovative de diagnosticare și monitorizare a pacienților cu fibrilație atrială/DMFA. (Development of a new innovative methodology for the diagnosis and monitorization of patients with atrial fibrillation)*, funded by the National Authority for Scientific Research (ANCS).
2. *Infrastructura de cercetare in domeniul cardiologic (Research infrastructure in cardiology)*, funded by the National Authority for Scientific Research (ANCS), 2014-2015.
3. *Markeri moleculari ai inflamației tisulare implicați în geneza și progresia bolii ischemice coronariene (Molecular markers of tissue inflammation involved in the genesis and*

progression of ischemic coronary disease), 162/2006, funded by the National Authority for Scientific Research (ANCS).

Partial list of articles published as summary in ISI indexed journals and volumes.

1. **Militaru, C;** Donoiu, I; Istratoaie, O; Ionescu, DD. *P wave signal averaged ECG in normal population and in patients with converted atrial fibrillation*, Circulation Meeting Abstract: P448 Volume: 125 Issue: 19 Pages: E837-E837, 2012.
2. Ionut Donoiu, Alina Giuca, Octavian Istratoaie, **Constantin Militaru**, Dan-Dominic Ionescu. *Arrhythmia risk stratification in patients with myocardial infarction and preserved left ventricular ejection fraction*. Circulation Vol 122, No 2, e123, 2010.
3. **Constantin Militaru**, Ionut Donoiu, Ovidiu Dracea, Dan-Dominic Ionescu. *Serum testosterone and short-term mortality in men with acute myocardial infarction*. Circulation Vol 122, No 2, e250, 2010.
4. Richter, D.; Mickel, C.; Acharya, S.; Brunel, P.; **Militaru C.**, *Aliskiren-based stepped care treatment regimen provides bp control in 9/10 patients with mild to moderate hypertension*, JOURNAL OF HYPERTENSION, Volume: 28, Supplement: A Pages: E279-E279 Published: JUN 2010.
5. Richter, D.; Mickel, C.; Acharya, S.; Prescott, M.; Brunel, P.; **Militaru C.**, *Aliskiren-based treatment controls blood pressure independent of baseline plasma renin activity*, JOURNAL OF HYPERTENSION, Volume: 28, Supplement: A, Pages: E429-E430 Published: JUN 2010.
6. **Militaru, C.**; Giuca, A.; Istratoaie, O.; et al., *Is there a predictive pattern of P-wave signal averaged electrocardiogram for arrhythmia recurrence after Cardioversion of persistent atrial fibrillation*, CIRCULATION, Volume: 118, Issue: 12, Pages:E198-E199, Published: SEP 16 2008.
7. Tatu-Chitoiu, G. P.; Dorobantu, M.; Craiu, E.; Minescu, B.; Vintila, M.; Ionescu, D. D.; Serban, L.; **Militaru C.**, *Accelerated streptokinase, front-loaded alteplase and bolus reteplase in ST-elevation acute myocardial infarction-similar results (ASKAR multicenter study, preliminary data)* Group Author(s):ASKAR Study, EUROPEAN HEART JOURNAL, Volume: 26, Supplement: 1, Pages: 161-161, Published: SEP 2005.

Partial list of articles published as summary in ISBN or ISSN journals and volumes..

1. M. Bușe, A. Mihailovici, I. Donoiu, D. Toader, D. Tudorașcu, D.I. Gheonea, **C. Militaru**, O. Istrătoaie. *Evaluarea disfuncției cardiace subclinice în ciroza hepatică – implicații prognostice (Evaluation of subclinical cardiac dysfunction in hepatic cirrhosis – prognostic implications)*. Congresul Național de Cardiologie, Sinaia, Septembrie 2017. Revista romana de cardiologie. ISSN 2537-2661.
2. R.C. Deliu, C. Militaru, I. Donoiu, D. Alexandru, O. Istrătoaie, **C. Militaru**. *Factorii prognostici pe termen scurt în edemul pulmonar acut (Short-term prognostic factors in acute pulmonary edema)*. Congresul Național de Cardiologie, Sinaia, Septembrie 2017. Revista romana de cardiologie. ISSN 2537-2661.
3. G.C. Tartea, I. Donoiu, A. Paraschiv, **C. Militaru**, P. Tudorașcu, E. Goanță, A. Mihailovici, D. Tudorașcu, O. Istrătoaie. *Importanța consultului cardio-neurologic în abordarea sincopei (The importance of cardio-neurological examination in syncope evaluation)*. Congresul Național de Cardiologie, Sinaia, Septembrie 2017. Revista romana de cardiologie. ISSN 2537-2661.
4. A. Paraschiv, P. Trașcă, R. Mustafa, I. Donoiu, Tudorașcu, E.A. Tărtea, **C. Militaru**, P. Tudorașcu, O. Istrătoaie. *Anevrism de arteră poplitee sau tromboză venoasă profundă? (Popliteal artery aneurysm or deep vein thrombosis?)* Congresul Național de Cardiologie, Sinaia, Septembrie 2017. Revista romana de cardiologie. ISSN 2537-2661.
5. O. Mirea, **C. Militaru**, P. Barbier. *Corelații funcționale ale hipertrofiei fiziologice la tinerii sportivi: modele de deformare miocardică a ventriculului stâng și drept obținute prin ecocardiografia speckle tracking comparate cu indicii ecocardiografici standard și Doppler (Functional correlations of physiological hypertrophy in young athletes: myocardial left and right ventricular deformation models obtained through speckle tracking echocardiography compared with standard and Doppler echocardiography parameters)*. Congresul Național de cardiologie, Sinaia, 2014.
6. I. Donoiu, A. Giuca, O. Istratoaie, **C. Militaru**, D-D. Ionescu. *Evaluation of short-term effects of levosimendan in patients with worsening heart failure using thoracic electrical bioimpedance*. European Journal of Heart Failure Supplements; Vol. 8(2). 2009. ISSN: 1879-0844.

7. I. Donoiu, A. Giuca, **C. Militaru**, B. Moise, D.D. Ionescu. *P wave dispersion and the risk of atrial fibrillation*. Europace Journal, 11(Supplement 2), Abstract 936, 2009. ISSN: 1099-5129.
8. O. Istrătoaie, Roxana Mustafa, I. Donoiu, **C. Militaru**. *Elemente ecocardiografice de diagnostic ale cardiomiopatiei cirotice (Ecocardiography elements for the diagnosis of cirrhotic cardiomyopathy)*. Zilele UMF Craiova 2008.
9. Istrătoaie O., **C. Militaru**, R. Mustafa. *Correlation between QT prolongation and arrhythmic risk assessed by T-wave alternation*. Romanian Journal of Cardiology, Vol. XXII, suppl. A, pp. A 43-44, 2006 ISBN 1583-2996.
10. O. Istrătoaie, **C. Militaru**. *The P-wave pattern on high resolution ECG arrhythmia recurrence after cardioversion predictive for atrial fibrillation?* Romanian Journal of Cardiology, Vol XXII, suppl. A, pp. A 43-44, 2006 ISBN 1583-2996.
11. **C. Militaru**, O. Istrătoaie. *Is There a predictive pattern of P-wave signal averaged electrocardiogram after cardioversion recurrence arrhythmia for persistent atrial fibrillation*. Anatolian Journal of Electrocardiology, No. 40, 2007, Supplement 7, ISSN 1302-8723, pp. S 28-29.
12. **C. Militaru**, O. Istrătoaie. *Assessment of cardiovascular risk in a population of vegans*. Romanian Journal of Cardiology, Volume XVIII, no. 6, pp. 65-66, 2003, ISSN 1583-2996
13. **C. Militaru**, O. Istrătoaie. *Conventional coronary risk factors in a population of vegetarians Smoking*. Romanian Journal of Cardiology, Vol. XIV, Nr. 3, pag. 83-84, 2001, ISSN 1583-2996
14. Istrătoaie O., **C. Militaru**. *The administration of tirofiban in acute coronary syndrome*. Romanian Journal of Cardiology, Vol XVII, no. 3, p. 90, 2002, ISSN 1583-2996, Romanian Journal of Cardiology, Vol XIV, no. 3, pp. 83-84, 2001, ISSN 1583-2996.

Partial list of international multicenter trials – director or principal investigator:

DELPHI-Delapril vs Lisinopril/Placebo in patients with Hypertension-phase III, 2006-2007

1. Rivaroxaban in atrial fibrillation-phase III, 2007-2010
2. SMILE IV-Zofenopril vs Ramipril in patient with systolic left ventricular dysfunction after acute myocardial infarction -phase III, 2007-2010

3. Efficacy and Safety of ezetimibe 10mg when added to Atorvastatin 10mg vs Titration to Atorvastatin 20 mg and to 40 mg in Elderly Patient with Hypercholesterolemia and high risk for CHD-phase IV, 2008
4. Aliskiren in Hypertension-phase III, 2009
5. LC1699 in Hypertension-phase III, 2009
6. CONGENTUS-Clopidogrel with or without Omeprazol in Coronary Artery Disease-phase 3, 2009-2010
7. LCZ696 vs Enalapril in heart failure with depressed left ventricular ejection fraction-phase III, 2009-2014
8. ASTRONAUT- Aliskiren-phase III, 2009-2012
9. PARAMOUNT-Efficacy of LC2696 in patient with preserved left ventricular ejection fraction-phase III, 2010
10. Vidagliptin in heart failure-phase III, 2010
11. PEGASUS-Long-Term Use of Ticagrelor in Patients with Prior Myocardial Infarction-phase III, 2010-2013
12. SIGNIFY-ivabradine in patients with stable coronary artery disease without clinical heart failure phase III, 2010-2014
13. Ivabradine-Systolic Heart Failure treatment with the If inhibitor ivabradine Trial-phase III, 2010-2014
14. B1131 at patients with a big risk Diabetes-phase III, 2011
15. ALECARDIO-Efficacy and safety of aleglitazar in patient with diabetes mellitus and acute coronary syndrome-phase III, 2011-2013
16. ELIXA-Efficacy and safety of lixisenatide in patient with diabetes mellitus and acute coronary
17. CANTOS-canakinumab vs placebo in patients with ischemic heart disease-phase III, 2012-ongoing syndrome-phase III, 2011-2014
18. EUCLID-A study Comparing Cardiovascular Effects of Ticagrelor and Clopidogrel in Patients with

19. Evaluation of the effects of 4 oral dosages of S 44121 vs placebo on cardiac function and NTproBNP in patients with chronic heart failure and left ventricular dysfunction, 2013-2014
20. FOURIER-evolocumab-phase III, 2013-2017
21. Odyssey-alirocumab-phase III, 2013-2017
22. KKL17204-olmesartan-amlodipina-indapamida-phase III, 2014-2015
23. RELAX 2-CRLXO30A2301-phase III, 2014-2015
24. RELAX 3-CRLXO30A2209-phase III, 2014-2015
25. ENSURE-AF-edoxaban-phase III, 2014-2016
26. COMMANDER-HF-rivaroxaban-phase III, 2014-2018
27. SAR236553/REGN727 on the Occurrence of Cardiovascular Events in Patients who have Recently Experienced an Acute Coronary Syndrome, 2014-ongoing
28. RELAX-EU-CRLXO30A3301-phase III, 2015-2016
29. THEMIS-ticagrelor-phase III, 2015-2018.
30. PARADIGM-LCZ696 vs valsartan in patients with preserved left ventricular function-phase III, 2015-2019.