

LISTA COMPLETĂ DE LUCRĂRI A CANDIDATULUI

MORNOȘ CRISTIAN

A) Lucrări relevante pentru realizările profesionale proprii:

1. **Mornoș C**, Petrescu L, Ionac A, Cozma D. The prognostic value of a new tissue Doppler parameter in patients with heart failure. *Int J Cardiovasc Imaging* 2014;30(1):47-55.
2. **Mornos C**, Petrescu L, Cozma D, Ionac A. A new tissue doppler index to predict cardiac death in patients with heart failure. *Arq Bras Cardiol* 2014;102(1):19-29.
3. **Mornos C**, Petrescu L, Pescariu S, Dan R, Cozma D. Prognostic value of septal $E/(E' \times S')$ ratio in predicting cardiac death in patients with heart failure. *Kardiolog Pol* 2014;72(2):166-74.
4. **Mornos C**, Petrescu L, Cozma D, Ionac A, Pescariu S, Dragulescu SI. A new tissue Doppler index in predicting future atrial fibrillation in patients with heart failure. *Arq Bras Cardiol*. 2011;97(6):468-77.
5. **Mornos C**, Rusinaru D, Ionac A, Petrescu L, Cozma D, Pescariu S, Dragulescu SI. Additive value of torsion to global longitudinal left ventricular strain in patients with reduced ejection fraction. *Acta Cardiol* 2011;66(5):565-72.
6. **C Mornoș**, D Rușinaru, AJ Manolis, I Zacharopoulou, A Pittaras, A Ionac. The value of a new speckle tracking index including left ventricular global longitudinal strain and torsion in patients with dilated cardiomyopathy. *Hellenic J Cardiol* 2011; 52: 299-306.
7. **Mornoș C**, Muntean D, Mornoș A, Crișan S, Petrescu L, Ionac A, Sosdean R, Cozma D. Risk stratification in patients with heart failure: the value of considering both global longitudinal left ventricular strain and mechanical dispersion. *Can J Physiol Pharmacol* 2017;95(11):1360-1368.
8. **Mornoș C**, Petrescu L. Early detection of anthracycline-mediated cardiotoxicity: the value of considering both global longitudinal left ventricular strain and twist. *Can J Physiol Pharmacol* 2013;91(8):601-7.
9. **C Mornos**, AJ Manolis, D Cozma, N Kouremenos, I Zacharopoulou, A Ionac. The value of left ventricular global longitudinal strain assessed by three-dimensional strain imaging in the early detection of anthracycline-mediated cardiotoxicity. *Hellenic J Cardiol* 2014; 55:235-244.

10. R Lighezan, A Sturza, OM Duicu, R A Ceausu, A Vaduva, M Gaspar, H Feier, MA Vaida, V Ivan, D Lighezan, DM Muntean, **C Mornoș**. Monoamine oxidase inhibition improves vascular function in mammary arteries from non-diabetic and diabetic patients with coronary heart disease. *Can J Physiol Pharmacol* 2016;94(10):1040-1047.

B) Teza de doctorat:

“Noi modalitati de evaluare a functiei ventriculare stangi prin utilizarea ecocardiografiei Doppler tisular” (titlul de *Doctor in Medicina* este confirmat in baza Ordinului Ministrului Educatiei, Cercetarii si Inovarii 6026/27.11.2009).

C) Cărți și capitole în cărți:

1. **Cristian Mornos**, Adina Ionac. Ecocardiografia Doppler tisular si speckle tracking. Timisoara, Editura Brumar, 2011. ISBN 978-973-602-655-3.
2. Adina Ionac, **Cristian Mornos**, Stefan I. Dragulescu. Diagnosticul ecocardiografic in valvulopatiile mitrale si aortice. Timisoara, Editura Brumar, 2006. ISBN (10) 973-602-232-3, ISBN (13) 978-973-602-232-6.
3. Adina Ionac, **Cristian Mornos**, Sorin Pescariu, Stefan I. Dragulescu. Ecocardiografie practica – Imagini comentate. Timisoara, Editura Brumar, 2007. ISBN 978-973-602-306-4.
4. L Petrescu, R Dan, M Slovenski, D Gavrilescu, B Mut, C Dina, A Ionac, **C Mornos**, D Cozma, SI Dragulescu. Capitolul “Abordarea moderna diagnostica si terapeutica a cardiomiopatiei hipertrofice obstructive” in “Progrese in cardiologie” 2008, volumul III, pag. 169-184, Media Med Publicis, ISBN (10) 973-87129-4-7.
5. Cozma D, Popescu BA, **Mornos C**, Ginghina C, Dragulescu SI. Capitolul „Modificari ecocardiografice in extrasistolia ventriculara monomorfa frecventa” in „Progrese in cardiologie” 2011, pag. 339-350, Media Med Publicis, ISSN 1843-3731.
6. **C Mornos**. Advanced echocardiographic tools for early detection of chemotherapyinduced cardiotoxicity. In **Treatment Strategies - Cardiology** 2013; 5(1): 53-55, The Cambridge Research Centre, London. <http://viewer.zmags.com/publication/271b93ad#/271b93ad/52>.

7. D Cozma, **C Mornoș**. Capitolul „Ecocardiografia în terapia de resincronizare – de la clasic la controversat” în „Progrese in cardiologie 2013” pagina 9 - 40, Media Med Publicis, ISSN 1843-3731.
8. D Cozma, **C Mornoș**, C Țuțuianu, L Saghy. Capitolul „Rolul echocardiografiei intracardiace în aritmologia intervențională” în „Progrese in cardiologie 2013” pagina 335 - 346, Media Med Publicis, ISSN 1843-3731.
9. D Cozma, C Vacarescu, **C Mornoș**. Capitolul „Radiatiile si cardiologia interventională” in „Progrese in cardiologie 2014” pagina 9 - 35, Media Med Publicis, ISSN 1843-3731.
10. A Ionac, R Sosdean, I Popescu, **C Mornoș**, S. Crisan. Capitolul “Principalele investigatii in cardiologie” in “Cordul de la functie la disfunctie”, Timisoara, Editura Victor Babes, 2016, pagina 284-301, ISBN 978-606-786-011-5
11. **C Mornoș**, Capitolul “Boala coronariana” in “Cordul de la functie la disfunctie”, Timisoara, Editura Victor Babes, 2016, pagina 284-301, ISBN 978-606-786-011-5
12. **C Mornos**, Capitolul “Prognostic assessment of stable coronary artery disease as determined by coronary computed tomography angiography: a Danish multicentre cohort study” in “Actualitati in cardiologie - Editia 2018”, ISBN 978-606-8463-57-5, Bucuresti, Media Med Publicis 2018, pag 140-142
13. **C Mornos**, Capitolul “Percutaneous coronary angioplasty vesrus coronary artery by-pass grafting in treatment of unprotected left mai stenosis (NOBLE: a prospective randomized , open-label, non-inferiority trial” in “Actualitati in cardiologie - Editia 2018”, ISBN 978-606-8463-57-5, Bucuresti, Media Med Publicis 2018, pag 60-62

D) Articole in extenso, publicate în reviste din fluxul științific internațional principal:

a) Publicatii în reviste internationale cotate ISI:

1. **Mornos C**, Ionac A, Cozma D, Rusinaru D, Maximov D, Petrescu L, Lupu A, Dragulescu SI. The relationship between tissue Doppler imaging and seric NTproBNP levels in sinus rhythm patients: a prospective study. *Int J Cardiovasc Imaging* 2008;24 (4):399-407. FI=1.268
2. **Mornos C**, Cozma D, Rusinaru D, Ionac A, Maximov D, Petrescu L, Dragulescu SI. A novel index combining diastolic and systolic Tissue Doppler parameters for the non-invasive

assessment of left ventricular end-diastolic pressure. *Int J Cardiol* 2009;136(2):120-129. FI=3.469

3. **C Mornoș**, D Cozma, L Petrescu, A Ionac, D Rusinaru, SI Dragulescu. $E/(E_a \times S_a)$ estimates left ventricular end-diastolic pressure in patients with severe mitral regurgitation. *The Journal of Heart Valve Disease* 2010;19:576-583. FI=0.927

4. **Mornos C**, Petrescu L, Cozma D, Ionac A, Pescariu S, Dragulescu SI. A new tissue doppler index in predicting future atrial fibrillation in patients with heart failure. *Arq Bras Cardiol* 2011; 97(6): 468-477. FI=0.88

5. **Mornos C**, Rusinaru D, Ionac A, Petrescu L, Cozma D, Pescariu S, Dragulescu SI. Additive value of torsion to global longitudinal left ventricular strain in patients with reduced ejection fraction. *Acta Cardiol* 2011; 66(5): 565-572. FI=0.605

6. **C Mornoș**, D Rușinaru, AJ Manolis, I Zacharopoulou, A Pittaras, A Ionac. The Value of a new speckle tracking index including left ventricular global longitudinal strain and torsion in patients with dilated cardiomyopathy. *Hellenic J Cardiol* 2011; 52: 299-306. FI=1.227

7. **Mornoș C**, Petrescu L. Early detection of anthracycline-mediated cardiotoxicity: the value of considering both global longitudinal left ventricular strain and twist. *Can J Physiol Pharmacol* 2013;91(8):601-7. FI=1.546

8. **Mornoș C**, Petrescu L, Ionac A, Cozma D. The prognostic value of a new tissue Doppler parameter in patients with heart failure. *Int J Cardiovasc Imaging* 2014;30(1):47-55. FI=2.322

9. **Mornos C**, Petrescu L, Pescariu S, Dan R, Cozma D. Prognostic value of septal $E/(E' \times S')$ ratio in predicting cardiac death in patients with heart failure. *Kardiol Pol* 2014;72(2):166-74. FI=0.519

10. **Mornos C**, Petrescu L, Cozma D, Ionac A. A new tissue doppler index to predict cardiac death in patients with heart failure. *Arq Bras Cardiol* 2014;102(1):19-29. FI=1.124

11. **C Mornos**, AJ Manolis, D Cozma, N Kouremenos, I Zacharopoulou, A Ionac. The value of left ventricular global longitudinal strain assessed by three-dimensional strain imaging in the early detection of anthracycline-mediated cardiotoxicity. *Hellenic J Cardiol* 2014;55:235-244. FI=0.785

12. Cozma D, Streian CG, Petrescu L, **Mornos C**. Subclinical left atrium remodelling in patients with frequent premature ventricular contractions. *Kardiol Pol* 2014;72(11):1141-7. FI=0.519

13. Cozma D, Kalifa J, Lighezan D, Pescariu S, Deharo JC, **Mornos C**, Djiane P, Dragulescu SI. Mechanism of atrial fibrillation: decremental conduction, fragmentation, and ectopic activity in patients with drug resistance paroxysmal atrial fibrillation and structurally normal heart. *Pacing Clin Electrophysiol* 2005; 28 (Suppl 1): S115-9. FI=1.279.
14. Cozma D, **Mornos C**, Pescariu S, Petrescu L, Lighezan D, Dragulescu SI. Electrophysiological and echocardiographic parameters predisposing to atrial fibrillation in patients with a structurally normal heart. *Kardiol Pol* 2006; 64 (2): 143-150. FI=NA.
15. Cozma D, Popescu BA, Lighezan D, Petrescu L, **Mornos C**, Luca CT, Gingham C, Dragulescu SI. Relationship between global myocardial index and automatic left ventricular border detection pattern to identify biventricular pacing candidates. *PACE (Pacing and Clinical Electrophysiology)* 2007; 30: S54-S57. FI=1.561.
16. Cozma D, Popescu BA, Lighezan D, Petrescu L, **Mornos C**, Gingham C, Dragulescu SI. Left atrial remodeling: assessment of size and shape to detect vulnerability to atrial fibrillation. *PACE (Pacing and Clinical Electrophysiology)* 2007; 30: S147-S150. FI=1.561.
17. Zacharopoulou I, **Mornos C**, Manolis AJ, Kouremenos N, Tsoukas A, Pittaras A, Poulimenos SI, Drăgulescu SI. The relationship between the time interval difference of isovolumic relaxation ($T_{IVRT-IVRTa}$) and seric NTproBNP levels in patients with intermediate E/Ea ratio. *Hellenic J Cardiol* 2011; 52(1): 23-29. FI=1.227
18. Ionac A, **Mornos C**, Feier H, Cozma D, Petrescu L, Popescu I, Gaspar M, Dragulescu SI. Pre-operative transthoracic real-time three-dimensional echocardiography for a better surgical strategy. *Chirurgia* 2011; 106: 211-217. FI=0.375
19. Kouremenos N, Zacharopoulou IV, Triantafyllidi H, Zacharopoulos GV, **Mornos C**, Filippatos G, Lekakis J, Kremastinos D, Manolis AI, Gavras H. Genes and genetic variations involved in the development of hypertension: focusing on a greek patient cohort. *Hellenic J Cardiol* 2014;55(1):9-16. FI=0.785
20. Dickerman SA, Abrutyn E, Barsic B, Bouza E, Cecchi E, Moreno A, Doco-Lecompte T, Eisen DP, Fortes CQ, Fowler VG Jr, Lerakis S, Miro JM, Pappas P, Peterson GE, Rubinstein E, Sexton DJ, Suter F, Tornos P, Verhagen DW, Cabell CH; ICE Investigators (...**Mornos C**...). The relationship between the initiation of antimicrobial therapy and the incidence of stroke in infective endocarditis: an analysis from the ICE Prospective Cohort Study (ICE-PCS). *Am Heart J* 2007; 154(6): 1086-1094. FI=3.65

21. Morpeth S, Murdoch D, Cabell CH, Karchmer AW, Pappas P, Levine D, Nacinovich F, Tattevin P, Fernández-Hidalgo N, Dickerman S, Bouza E, del Río A, Lejko-Zupanc T, de Oliveira Ramos A, Iarussi D, Klein J, Chirouze C, Bedimo R, Corey GR, Fowler VG Jr; International Collaboration on Endocarditis Prospective Cohort Study (ICE-PCS) Investigators (...**Mornos C**...). Non-HACEK gram-negative bacillus endocarditis. *Ann Intern Med* 2007; 147(12): 829-835. FI=15.52
22. Chu VH, Woods CW, Miro JM, Hoen B, Cabell CH, Pappas PA, Federspiel J, Athan E, Stryjewski ME, Nacinovich F, Marco F, Levine DP, Elliott TS, Fortes CQ, Tornos P, Gordon DL, Utili R, Delahaye F, Corey GR, Fowler VG Jr; International Collaboration on Endocarditis-Prospective Cohort Study Group (...**Mornos C**...). Emergence of coagulase-negative staphylococci as a cause of native valve endocarditis. *Clin Infect Dis* 2008; 46(2): 232-242. FI=8.266
23. Wang A, Athan E, Pappas PA, Fowler VG Jr, Olaison L, Paré C, Almirante B, Muñoz P, Rizzi M, Naber C, Logar M, Tattevin P, Iarussi DL, Selton-Suty C, Jones SB, Casabé J, Morris A, Corey GR, Cabell CH; International Collaboration on Endocarditis-Prospective Cohort Study Investigators (...**Mornos C**...). Contemporary clinical profile and outcome of prosthetic valve endocarditis. *JAMA* 2007; 297(12): 1354-1361. FI=25.55
24. Eisen DP, Corey GR, McBryde ES, Fowler VG Jr, Miro JM, Cabell CH, Street AC, Paiva MG, Ionac A, Tan RS, Tribouilloy C, Pachirat O, Jones SB, Chipigina N, Naber C, Pan A, Ravasio V, Gattringer R, Chu VH, Bayer AS; ICE Investigators (...**Mornos C**...). Reduced valve replacement surgery and complication rate in *Staphylococcus aureus* endocarditis patients receiving acetyl-salicylic acid. *J Infect* 2009; 58(5): 332-338. FI=5.865
25. Athan E, Chu VH, Tattevin P, Selton-Suty C, Jones P, Naber C, Miró JM, Ninot S, Fernández-Hidalgo N, Durante-Mangoni E, Spelman D, Hoen B, Lejko-Zupanc T, Cecchi E, Thuny F, Hannan MM, Pappas P, Henry M, Fowler VG Jr, Crowley AL, Wang A; ICE-PCS Investigators (...**C Mornos**...). Clinical characteristics and outcome of infective endocarditis involving implantable cardiac devices. *JAMA* 2012; 307(16): 1727-1735. FI=29.978
26. Benito N, Miró JM, de Lazzari E, Cabell CH, del Río A, Altclas J, Commerford P, Delahaye F, Dragulescu S, Giamarellou H, Habib G, Kamarulzaman A, Kumar AS, Nacinovich FM, Suter F, Tribouilloy C, Venugopal K, Moreno A, Fowler VG Jr; ICE-PCS (International Collaboration on Endocarditis Prospective Cohort Study...**Mornos C**...) Investigators. Health care-associated

native valve endocarditis: importance of non-nosocomial acquisition. *Ann Intern Med* 2009; 150(9): 586-594. FI=16.225

27. Murdoch DR, Corey GR, Hoen B, Miró JM, Fowler VG Jr, Bayer AS, Karchmer AW, Olaison L, Pappas PA, Moreillon P, Chambers ST, Chu VH, Falcó V, Holland DJ, Jones P, Klein JL, Raymond NJ, Read KM, Tripodi MF, Utili R, Wang A, Woods CW, Cabell CH; International Collaboration on Endocarditis-Prospective Cohort Study (ICE-PCS ...**Mornos C...**) Investigators. Clinical presentation, etiology, and outcome of infective endocarditis in the 21st century: the International Collaboration on Endocarditis-Prospective Cohort Study. *Arch Intern Med* 2009; 169(5): 463-473. FI=9.813

28. Durante-Mangoni E, Bradley S, Selton-Suty C, Tripodi MF, Barsic B, Bouza E, Cabell CH, Ramos AI, Fowler V Jr, Hoen B, Konečný P, Moreno A, Murdoch D, Pappas P, Sexton DJ, Spelman D, Tattavin P, Miró JM, van der Meer JT, Utili R; International Collaboration on Endocarditis Prospective Cohort Study Group (...**Mornos C...**). Current features of infective endocarditis in elderly patients: results of the International Collaboration on Endocarditis Prospective Cohort Study. *Arch Intern Med* 2008; 168(19): 2095-2103. FI=17.457

29. Chu VH, Miro JM, Hoen B, Cabell CH, Pappas PA, Jones P, Stryjewski ME, Anguera I, Braun S, Muñoz P, Commerford P, Tornos P, Francis J, Oyonarte M, Selton-Suty C, Morris AJ, Habib G, Almirante B, Sexton DJ, Corey GR, Fowler VG Jr; International Collaboration on Endocarditis-Prospective Cohort Study Group (...**Mornos C...**). Coagulase-negative staphylococcal prosthetic valve endocarditis--a contemporary update based on the International Collaboration on Endocarditis: prospective cohort study. *Heart* 2009; 95(7): 570-576. FI=5.385

30. Baddley JW, Benjamin DK Jr, Patel M, Miró J, Athan E, Barsic B, Bouza E, Clara L, Elliott T, Kanafani Z, Klein J, Lerakis S, Levine D, Spelman D, Rubinstein E, Tornos P, Morris AJ, Pappas P, Fowler VG Jr, Chu VH, Cabell C; International Collaboration on Endocarditis-Prospective Cohort Study Group (ICE-PCS) (...**Mornos C...**). Candida infective endocarditis. *Eur J Clin Microbiol Infect Dis* 2008; 27(7): 519-529. FI=2.866

31. Caram LB, Linefsky JP, Read KM, Murdoch DR, Lalani T, Woods CW, Reller LB, Kanj SS, Premru MM, Ryan S, Al-Hegelan M, Donnio PY, Orezzi C, Paiva MG, Tribouilloy C, Watkin R, Harris O, Eisen DP, Corey GR, Cabell CH, Petti CA; International Collaboration on Endocarditis Investigator Group (...**Mornos C...**). Leptotrichia endocarditis: report of two cases from the

International Collaboration on Endocarditis (ICE) database and review of previous cases. *Eur J Clin Microbiol Infect Dis* 2008; 27(2): 139-143. FI=2.866

32. Lalani T, Cabell CH, Benjamin DK, Lasca O, Naber C, Fowler VG Jr, Corey GR, Chu VH, Fenely M, Pachirat O, Tan RS, Watkin R, Ionac A, Moreno A, Mestres CA, Casabé J, Chipigina N, Eisen DP, Spelman D, Delahaye F, Peterson G, Olaison L, Wang A; International Collaboration on Endocarditis-Pro prospective Cohort Study (ICE-PCS) Investigators (...**Mornos C...**). Analysis of the impact of early surgery on in-hospital mortality of native valve endocarditis: use of propensity score and instrumental variable methods to adjust for treatment-selection bias. *Circulation* 2010; 121(8): 1005-1013. FI=14.429

33. Lalani T, Person AK, Hedayati SS, Moore L, Murdoch DR, Hoen B, Peterson G, Shahbaz H, Raoult D, Miro JM, Olaison L, Snygg-Martino U, Suter F, Spelman D, Eykyn S, Strahilevitz J, Van der Meer JT, Verhagen D, Baloch K, Abrutyn E, Cabell CH; International Collaboration on Endocarditis Merged; Database Study Group (...**Mornos C...**). Propionibacterium endocarditis: a case series from the International Collaboration on Endocarditis Merged Database and Prospective Cohort Study. *Scand J Infect Dis* 2007; 39(10):840-848. FI=1.21

34. Barsic B, Dickerman S, Krajcinovic V, Pappas P, Altclas J, Carosi G, Casabé JH, Chu VH, Delahaye F, Edathodu J, Fortes CQ, Olaison L, Pangercic A, Patel M, Rudez I, Tamin SS, Vincelj J, Bayer AS, Wang A; International Collaboration on Endocarditis-Pro prospective Cohort Study Investigators (...**Mornos C...**). Influence of the timing of cardiac surgery on the outcome of patients with infective endocarditis and stroke. *Clin Infect Dis* 2013;56(2):209-17. FI=9.416

35. Chirouze C, Athan E, Alla F, Chu VH, Ralph Corey G, Selton-Suty C, Erpelding ML, Miro JM, Olaison L, Hoen B; International Collaboration on Endocarditis Study Group (...**Mornos C...**). Enterococcal endocarditis in the beginning of the 21st century: analysis from the International Collaboration on Endocarditis-Pro prospective Cohort Study. *Clin Microbiol Infect* 2013;19(12):1140-7. FI=5.197

36. Chambers ST, Murdoch D, Morris A, Holland D, Pappas P, Almela M, Fernández-Hidalgo N, Almirante B, Bouza E, Forno D, del Rio A, Hannan MM, Harkness J, Kanafani ZA, Lalani T, Lang S, Raymond N, Read K, Vinogradova T, Woods CW, Wray D, Corey GR, Chu VH; International Collaboration on Endocarditis Prospective Cohort Study Investigators (...**Mornos C...**). HACEK infective endocarditis: characteristics and outcomes from a large, multi-national cohort. *PLoS One*. 2013 May 17;8(5):e63181. doi: 10.1371/journal.pone.0063181. FI=3.534

37. Lalani T, Chu VH, Park LP, Cecchi E, Corey GR, Durante-Mangoni E, Fowler VG Jr, Gordon D, Grossi P, Hannan M, Hoen B, Muñoz P, Rizk H, Kanj SS, Selton-Suty C, Sexton DJ, Spelman D, Ravasio V, Tripodi MF, Wang A; International Collaboration on Endocarditis–Prospective Cohort Study Investigators (...**Mornos C**...). In-hospital and 1-year mortality in patients undergoing early surgery for prosthetic valve endocarditis. *JAMA Intern Med* 2013;173(16):1495-504. FI=NA.
38. Șoșdean R, **Mornoș C**, Enache B, Macarie RI, Ianoș R, Ștefea AM, Pescariu S. Safety and feasibility of biventricular devices reuse in general and elderly population--a single-center retrospective cohort study. *Clin Interv Aging* 2015 Aug 12;10:1311-8. doi: 10.2147/CIA.S88805.
39. Duicu OM, Lighezan R, Sturza A, Ceausu RA, Borza C, Vaduva A, Noveanu L, Gaspar M, Ionac A, Feier H, Muntean DM, **Mornos C**. Monoamine Oxidases as Potential Contributors to Oxidative Stress in Diabetes: Time for a Study in Patients Undergoing Heart Surgery. *Biomed Res Int* 2015;2015:515437. doi: 10.1155/2015/515437
40. Delahaye F, Chu VH, Altclas J, Barsic B, Delahaye A, Freiburger T, Gordon DL, Hannan MM, Hoen B, Kanj SS, Lejko-Zupanc T, Mestres CA, Pachirat O, Pappas P, Lamas C, Selton-Suty C, Tan R, Tattevin P, Wang A; International Collaboration on Endocarditis Prospective Cohort Study (ICE-PCS) Investigators (...**Mornos C**...). One-year outcome following biological or mechanical valve replacement for infective endocarditis. *Int J Cardiol* 2015 Jan 15;178:117-23. doi: 10.1016/j.ijcard.2014.10.125.
41. Chirouze C, Alla F, Fowler VG Jr, Sexton DJ, Corey GR, Chu VH, Wang A, Erpelding ML, Durante-Mangoni E, Fernández-Hidalgo N, Giannitsioti E, Hannan MM, Lejko-Zupanc T, Miró JM, Muñoz P, Murdoch DR, Tattevin P, Tribouilloy C, Hoen B; ICE Prospective Investigators (...**Mornos C**...). Impact of early valve surgery on outcome of Staphylococcus aureus prosthetic valve infective endocarditis: analysis in the International Collaboration of Endocarditis-Prospective Cohort Study. *Clin Infect Dis*. 2015;60(5):741-9. doi: 10.1093/cid/ciu871.
42. Cozma D, Streian CG, Vacarescu C, **Mornos C**. Back to sinus rhythm from atrial flutter or fibrillation: dabigatran is safe without transesophageal control. *Kardiol Pol* 2016;74(5):425-30
43. D Muntean, A Sturza, MD Dănilă, Borza C, O Duicu, **C Mornos**. The role of mitochondrial reactive oxygen species in cardiovascular injury and protective strategies. *Oxid Med Cell Longev* 2016;2016:8254942.

(<http://www.hindawi.com/journals/omcl/2016/8254942/>).

44. OM Duicu, R Lighezan, A Sturza, R Balica, A Vaduva, H Feier, M Gaspar, A Ionac, L Noveanu, C Borza, DM Muntean, **C Mornos**. Assessment of mitochondrial dysfunction and monoamine oxidase contribution to oxidative stress in human diabetic hearts. *Oxid Med Cell Longev* 2016;2016:8470394.

(<http://dx.doi.org/10.1155/2016/8470394>).

45. R Lighezan, A Sturza, OM Duicu, R A Ceausu, A Vaduva, M Gaspar, H Feier, MA Vaida, V Ivan, D Lighezan, DM Muntean, **C Mornos**. Monoamine oxidase inhibition improves vascular function in mammary arteries from non-diabetic and diabetic patients with coronary heart disease. *Can J Physiol Pharmacol* 2016;94(10):1040-1047.

46. Park LP, Chu VH, Peterson G, Skoutelis A, Lejko-Zupa T, Bouza E, Tattevin P, Habib G, Tan R, Gonzalez J, Altclas J, Edathodu J, Fortes CQ, Siciliano RF, Pachirat O, Kanj S, Wang A; International Collaboration on Endocarditis (ICE) Investigators (...**Mornos C...**). Validated Risk Score for Predicting 6-Month Mortality in Infective Endocarditis. *J Am Heart Assoc* 2016;18;5(4). pii: e003016. doi: 10.1161/JAHA.115.003016.

47. Bordejevic DA, Caruntu F, **Mornos C**, Olariu I, Petrescu L, Tomescu MC, Citu I, Mavrea A, Pescariu S. (2017). Prognostic impact of blood pressure and heart rate at admission on in-hospital mortality after primary percutaneous intervention for acute myocardial infarction with ST-segment elevation in western Romania. *Therapeutics and Clinical Risk Management*, 2017;13:1061–1068.

48. **Mornos C**, Muntean D, Mornos A, Crişan S, Petrescu L, Ionac A, Sosdean R, Cozma D. Risk stratification in patients with heart failure: the value of considering both global longitudinal left ventricular strain and mechanical dispersion. *Can J Physiol Pharmacol* 2017;95(11):1360-1368.

49. Crişan S, Petrescu L, Lazăr MA, Văcărescu C, Nicola AR, Cozma D, **Mornos C**, Luca CT. Reduced ejection fraction heart failure - new data from multicenter studies and national registries regarding general and elderly populations: hopes and disappointments. *Clin Interv Aging* 2018;13:651-656.

50. 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) (...**Mornos C...**).

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;20(5):747-757.

51. Dragos Cozma, Cristina Vacarescu, Lucian Petrescu, **Cristian Mornos**, Emilia Goanta, Horea Feier, Constantin Tudor Luca, Gabriel Gusetu, Radu Vatasescu. CRT Pacing: Midterm Follow-Up in LV Only Pacing without RV Lead in Patients with Normal AV Conduction, *J. Clin. Med.* 2018, 7(12), 531; **FI 5,58**

52. Feier H, Cozma D, Sintean M, Deutsch P, Ursoniu S, Gaspar M, **Mornos C**. How Much Malperfusion Is Too Much in Acute Type A Aortic Dissections? *J Clin Med.* 2019;8(3).

53. Lopes RD, Heizer G, Aronson R, Vora AN, Massaro T, Mehran R, Goodman SG, Windecker S, Darius H, Li J, Averkov O, Bahit MC, Berwanger O, Budaj A, Hijazi Z, Parkhomenko A, Sinnaeve P, Storey RF, Thiele H, Vinereanu D, Granger CB, Alexander JH; AUGUSTUS Investigators (...**Mornos C**...). Antithrombotic Therapy after Acute Coronary Syndrome or PCI in Atrial Fibrillation. *N Engl J Med.* 2019;380(16):1509-1524.

54. Vacarescu C, Cozma D, Petrescu L, Dragan S, Mornos C, Crisan S, Feier H, Lazar MA, Cozlac AR, Luca CT. Exercise test is essential in LV-only fusion CRT pacing without right ventricle lead. *Clin Interv Aging* 2019;14:969-975.

b) Publicatii în reviste necotate ISI dar indexate în baze de date internationale (Medline, EMBase, Scopus, Index Copernicus):

1. **C Mornoș**, L Petrescu, D Cozma, S Pescariu, A Mornoș, A Ionac. The influence of left bundle branch-block and cardiac dyssynchrony on 2D-strain parameters in patients with heart failure complicating ischemic cardiomyopathy. *Rom J Intern Med* 2011; 49 (3):179–188.

2. **Mornos C**, Jahraus HJ, Oancea C, Ardeleanu L, Petrescu L, Ionac A, Pescariu S. Speckle tracking echocardiography, a modern technique for left ventricular deformation analysis in patients with pulmonary arterial hypertension. *Medicine in evolution* 2013; XIX (1): 1-10.

3. **C Mornos**, A Ionac. Modern diagnosis and management of infective endocarditis. *TMJ* 2005; 4 (55): 392-404.

4. I Penteridis, **C Mornos** (coresp), A Ionac, SI Dragulescu. Three-dimensional echocardiography for management of mitral valve disease. *Medicine in Evolution* 2011; XVI (4):387-392.
5. **Mornos C**, Ionac A, Cozma D, Rusinaru D, Maximov D, Petrescu L, Lupu A, Dragulescu SI. The role of tissue Doppler echocardiography in the estimation of NTproBNP level in patients with dilated cardiomyopathy. *TMJ* 2008; 1-2 (58): 50-57.
6. **C Mornos**, A Ionac. The place of echocardiography in the assesement of patients receiving cardiotoxic cancer therapies: new horizons. *TMJ* 2011: 61(3 - 4): 232 -238.
7. Penteridis I, **Mornos C** (coresp), Ionac A, Feier H, Gaspar M, Dragulescu SI. Evaluation of the severe mitral regurgitation mechanism using transthoracic three-dimensional echocardiography: a comparative study with the intraoperative finding. *Medicine in Evolution* 2012; XVIII (1):9-15.
8. Cozma D, **Mornos C**, Lighezan D, SI Dragulescu. Time movement timing parameters validation using tissue Doppler imaging in patients with dilated cardiomyopathy. *Rom J Intern Med.* 2006; 44 (2):143-52.
9. I Zacharopoulou, **C Mornos**, A Ionac, S Dragulescu. Tei index obtained from Tissue Doppler Imaging: correlation with NTproBNP levels in patients with dilated cardiomyopathy. *Studia Univ. VG, Seria St. Vietii* 2010; 20(1):43-50.
10. S Miclaus, **C Mornos**, D Maximov, A Lupu, D Popa, M Puschita. Indexul de performanta miocardica globala - Tei - : corelatia cu nivelul seric al NTproBNP in cardiomiopatia dilatativa. *Rev. Med. Chir. Soc. Med. Nat. Iasi* 2009; 113 (2) : 391- 396.
11. I Zacharopoulou, **C Mornos** (coresp), A Ionac, S Dragulescu. The relationship between tissue Doppler parameters and seric NTproBNP levels in patients with left ventricular dysfunction. *TMJ* 2009; 59 (3-4):268-274.
12. Nicolin M, **Mornos C**, Ionac A, Mornos A, Pescariu S, Dragulescu SI. The value of global myocardial index to detect cardiac dyssynchrony in patients with non-ischemic dilated cardiomyopathy. *Studia Universitatis "Vasile Goldis" Seria Stiintele Vietii (Life Sciences Series)* 2011; 21 (1): 51-57.
13. A Ionac, **C Mornos**, A Dragulescu, S Pescariu, I Popescu, D Gaita, D Maximov, M Gaspar, SI Dragulescu. Atrial septal defect preoperative evaluation. Three-dimensional transesophageal echocardiographic study. *TMJ* 2006; 2-3 (56): 151-153.

14. Cozma D, Lighezan D, Petrescu L, Pescariu S, Luca CT, **Mornos C**, Gyalai I, Dragulescu S I. Absence of correlation between QRS duration and echographic parameters of ventricular desynchronization. Can we still trust the electrocardiographic criteria? *Rom J Intern Med*. 2004; 42 (3): 503-11.
15. D Dragulescu, **C Mornos**, I Popescu, A Ionac. Three-dimensional echocardiography – recent advances. *TMJ* 2009;59 (3-4): 366- 371.
16. Nicolin M, **Mornos C**, Ionac A, Mornos A, Pescariu S, Dragulescu SI. Are 2D-strain parameters affected by electrical dyssynchrony in patients with non-ischemic heart failure scheduled for cardiac resynchronization therapy? *Medicine in evolution* 2011; XVII (2): 92-98.
17. A Ionac, **C Mornos**, GS. Ionescu, H Feier, M Gaspar, M Slovenski, I Popescu, D Cozma, VA Ionescu, SI Dragulescu. Giant Left Ventricular Aneurysm. Contrast Echocardiographic Study. *TMJ* 2010; 60 (2-3): 255- 259.
18. D Maximov, A Lupu, **C Mornos**, SI Dragulescu. Multiple electrodes aggregometry - a new method of assessment of aspirin low responder status in patients undergoing percutaneous coronary intervention. *Medicine in Evolution* 2011; XVI (4): 371-381.
19. Cozma D, Kalifa J, Pescariu S, Lighezan D, Deharo JC, **Mornos C**, Djiane P, Dragulescu SI. Global myocardial index in patients with multisite pacing. *Rom J Intern Med* 2004; 42 (3): 521-31.
20. A Lupu, D Maximov, D Popa, **C Mornos**, C Oancea, SI Dragulescu. Treatment of heart failure guided by NTproBNP concentration. *Medicine in evolution* 2009; XV (1): 53-61.
21. D Maximov, A Ionac, A Lupu, **C Mornos**, SI Dragulescu. Multiple electrodes aggregometry - a new method to assess the platelet reactivity in non-ST elevation acute coronary syndrome patients. *TMJ* 2011; 61 (3-4): 179-184.
22. Jahraus HJ, **Mornos C** (coresp), Oancea C, Ardeleanu L, Petrescu L. The influence of treatment with bosentan and sildenafil on myocardial deformation parameters in patients with pulmonary arterial hypertension. *Medicine in evolution* 2013; XIX (1): 18-25.
23. S Miclaus, **C Mornos**, A Lupu, D Maximov, M Puschita. Rolul ecocardiografiei conventionale in estimarea nivelului plasmatic al NTproBNP: studiu prospectiv la pacientii cu disfunctie ventriculara stanga. *Jurnal Medical Aradean* 2007; X (1): 36-42.
24. A Ionac, D Dragulescu, G Ionescu, **C Mornos**, D Cozma, I Popescu, M Cocora, SI Dragulescu. Rupture of tricuspid leaflet in Ebstein's anomaly. *TMJ* 2009; 59 (1): 93-99.

25. A Ionac, A Dragulescu, **C Mornos**, M Gaspar, M Slovenski, SI Dragulescu. Large Eustachian valve – a puzzling echocardiographic diagnosis and a difficult therapeutic management. *TMJ* 2004; 54 (4): 362-365.
26. A Lupu, D Maximov, D Popa, R Cioloca, A Bokor, **C Mornos**, SI Dragulescu. Natriuretic peptides and their clinical significations. *Medicine in evolution* 2007; XIII (3): 58-62.
27. S Pescariu, D Brie, D Maximov, D Popa, M Slovenski, A Ionac, **C Mornos**, A Dumitrescu, SI Dragulescu. Ventricular arrhythmias risk evaluation by Microvolt T-wave alternans versus programmed ventricular stimulation in post-myocardial infarction patients with preserved ejection fraction and no ventricular arrhythmias. *TMJ* 2008; 58 (1-2): 45-49.
28. Cozma D, **Mornos C**, Plescar O, Dragulescu SI. Hipertensiunea arteriala esentiala: remodelarea atriala stanga versus remodelare ventriculara stanga. *Revista Romana de Cardiologie* 2008; XXIII (4): 293-297.
29. Jahraus HJ, **Mornos C** (coresp), Oancea C, Petrescu L, Ardeleanu L. The influence of bosentan and sildenafil treatment in improving clinical, echocardiographic and laboratory parameters in patients with pulmonary arterial hypertension. *Medicine in evolution* 2013; XIX (2): 249-259.
30. I Penteridis, **C Mornos** (coresp), A Ionac, H Feier, M Gaspar, SI Dragulescu. Pre-operative transthoracic three-dimensional echocardiography in the assessment of mitral stenosis: clinical experience. *Medicine in Evolution* 2012; XVIII (2): 311 -317.
31. **C. Mornos**, S. Crişan, A. Ionac, D. Cozma. Invasive cardiology: the role of echocardiography. *Romanian Journal of Cardiology* 2015; 25(Supplement A): 59-65.
32. Şoşdean R, **Mornos C**, Enache B, Macarie R, Pescariu S. A special case of ischemic dilated cardiomyopathy successfully treated by cardiac resynchronization therapy using a single-pass VDD defibrillator lead. *Romanian Journal of Cardiology* 2015; 25 (2): 194-198.
33. R Sosdean, **C Mornos** (coresp), B Enache, RI Macarie, S Pescariu. Diffuse left ventricle postsystolic contraction after cardiac resynchronization therapy optimization- a case report. *Medicine in evolution* 2015; XXI (2): 203-206.
34. Văcărescu C, **Mornos C**, Goanţă EV, Ruhmann T, Cozma C. Midterm follow-up in a patient with left ventricular noncompaction cardiomyopathy and CRT-D. *Romanian Journal of Cardiology* 2015; 25 (3):303-308

35. Vacarescu C, Petrescu L, Goanta EV, Crisan C, **Mornos C**, Lazar MA, Patru O, Cozma D. A case of CRT super-responder using fusion pacing without right ventricular lead: a 5 year follow-up. *Romanian Journal of Cardiology* 2016; 26 (2):176-180
36. Cozma D, Vacarescu C, Crisan S, , Goanta EV, Lazar MA, **Mornos C**, Ionac A, Petrescu L. Giant left atrium opening a new window to the heart. *Romanian Journal of Cardiology* 2016; 26 (3):334-335.
37. **C Mornos**, S Crisan, L Petrescu, A Ionac, D Cozma. The prognostic value of a new Tissue Doppler parameter in patients with heart failure with reduced ejection fraction. *Romanian Journal of Cardiology* 2017; 27 (1): 15-22
38. S Crisan, C Vacarescu, AR Nicola, MA Lazar, D Cozma, **C Mornos**, L Petrescu. Microcirculation as a target of myocardial reperfusion in acute coronary syndromes. *Romanian Journal of Cardiology* 2016; 26 (4):435-439.
39. I Popescu, A Ionac, I Serbescu, **C Mornos**, S Mancas. Two dimensional (2D) and three dimensional (3D) strain analyses of the left ventricle in a team of athletes using speckle tracking method. *Medicine in evolution* 2017; XXIII (2): 129-134
40. Cristina Vacarescu, Lucian Petrescu, **Cristian Mornos**, Emilia-Violeta Goanta, Simina Crisan, Miruna Ocos, Mihai-Andrei Lazar, Oana Patru, Ramona-Alina Cozlac, Dragos Cozma. Cardioversion of symptomatic persistent atrial fibrillation in patients with left atrium dilatation: how far should we go? *Romanian Journal of Cardiology* | Vol. 27, No. 4, 2017
41. Miruna Ocos, Lucian Petrescu, Cristina Vacarescu, **Cristian Mornos**, Emilia-Violeta Goanta, Simina Crisan, Oana Patru, Nicolae Catalin, Dragos Cozma.. Situs inversus totalis and cardiac rhythm/conduction disorders, *Romanian Journal of Cardiology* | Vol. 28, No. 3, 2018

E) Publicații în extenso, apărute în lucrări ale unor conferințe internaționale de specialitate:

1. A Ionac, Cozma D, **Mornos C**, Pescariu S, Dragulescu A, Gaspar M, Dragulescu SI. Assessment of atrial septal defect using three-dimensional transesophageal echocardiographic reconstruction. *X World Congress of Echocardiography and Cardiovascular Imaging – Proceedings*, Rome, 19-21 October 2006, pg 191-194.

2. Cozma D, A Ionac, **Mornos C**, Dragulescu D, Dragulescu SI. The value of left atrial area and shape in the assessment of diastolic heart failure. *X World Congress of Echocardiography and Cardiovascular Imaging – Proceedings*, Rome, 19-21 October 2006, pg 148-152.
3. Miclaus S, **Mornos C**, Lupu A, Maximov D, Puschita M. The correlation between the left atrial volume indexed and the plasma NTproBNP level in patients with left ventricular dysfunction. *Environmental biodiversity and health*. Euroregional conference. 2007; 1 : 120-125. ISBN 978-973-664-204-3.

F) Alte lucrări și contribuții științifice:

a) Publicatii in extenso in reviste neindexate in baze de date internationale:

1. CA Sarau, AC Avram, D Duda-Seiman, M Craciun, S Iurciuc, L Barbu, M Gafencu, C Avram, **C Mornos**, S Mancas. Gender differences in patients included in rehabilitation programme after coronary revascularization. *Cercetări Experimentale & Medico-Chirurgicale* 2006; XIII (3-4): 160-163.
2. D Cozma, S Pescariu, CT Luca, G Ivănică, L Petrescu, **C Mornos**, SI Dragulescu. Ablația în istmul cavo - tricuspidian prin mapping ghidat de amplitudinea electrogramelor atriale la pacienți cu flutter atrial tipic. *BMJRo* 2004; 2: 83-87.
3. C Neagoe, A Ionac, **C Mornos**, C Jusca. Evaluarea mecanismului regurgitării mitrale severe prin utilizarea ecocardiografiei tridimensionale: comparatie cu aspectul intraoperator. *Jurnal Medical Brasovean* 2007: 91-96.
4. Petrescu L, Crisan S, **Mornos C**, Dan R, Vasiluta L, Radu I. Routine early coronary angioplasty after thrombolysis versus ischemia guided angioplasty after thrombolysis in acute ST-elevation myocardial infarction – efficiency and advisability in the Romanian health system. *Romanian Journal of Cardiovascular Surgery* 2011; 10 (2): 103-110.
5. **C Mornos**. Noutăți în ecocardiografie a Doppler tisular și speckle tracking - EuroEcho 2014. *Ecoforum* 2015;11:7. ISSN Ecoforum (online) = ISSN 2248-3535; ISSN – L = 2248-3535
6. **C Mornos**. Sesiunile Grupului de Lucru de Ecocardiografie și alte Metode Imagistice - Congresul Român de Cardiologie, Sinaia 2014. *Ecoforum* 2014;10:2-3. ISSN Ecoforum (online) = ISSN 2248-3535; ISSN – L = 2248-3535

b) Lucrari publicate in rezumat in reviste internationale:

1. **C Mornos**, A Mornos, A Ionac, D Cozma, S Crisan, I Popescu, G Ionescu, L Petrescu. Prognostic value of a new Tissue Doppler index in patients with unoperated severe aortic stenosis. *Eur Heart J Cardiovasc Imaging* 2014;15(suppl 2):ii25-ii51 (P217).
2. **C Mornos**, D Cozma, A Ionac, A Mornos, I Popescu, G Ionescu, S Pescariu. Prognostic value of a new Tissue Doppler index in patients with non-revascularized coronary artery disease. *Eur Heart J Cardiovasc Imaging* 2014;15(suppl 2): ii235-ii264 (P1332).
3. **Mornos C**, Pascalau L, Brie D, Gavrilesu D, Gheorghiu M, Petrescu L. The utility of thrombus aspiration during primary PCI in anterior STEMI assessed by myocardial deformation analysis using tissue Doppler and tridimensional strain imaging. *EuroIntervention - EuroPCR Abstracts* 2013; POS127.
4. **C Mornos**, A Ionac, D Cozma, I Popescu, G Ionescu, R Dan, L Petrescu. Left ventricular function recovery assessed by myocardial deformation analysis in patients with anterior ST-segment elevation myocardial infarction treated with thrombus aspiration. *Eur Heart J Cardiovasc Imaging Abstracts Supplement* 2013; 14 (Supplement 2): ii181.
5. **C Mornos**, A Ionac, D Cozma, L Petrescu. The value of thrombus aspiration during primary PCI in anterior STEMI for left ventricular function recovery assessed by myocardial deformation analysis using Tissue Doppler and tridimensional strain imaging. *Canadian Journal of Cardiology* 2013; 29 (10) Supplement: S240.
6. **C Mornos**, D Cozma, D Dragulescu, A Ionac, A Mornos, L Petrescu. Additive value of twist to global longitudinal left ventricular strain in the early detection of anthracycline-mediated cardiotoxicity. *European Heart Journal* 2012; 33 (Abstract Supplement): 15.
7. **C Mornos**, L Petrescu, D Cozma, A Mornos, S Pescariu, D Dragulescu, A Ionac. Prognostic value of global longitudinal strain assessed by 2D-strain imaging in patients with heart failure. *European Heart Journal* 2012; 33 (Abstract Supplement): 163.
8. **C Mornos**, L Petrescu, D Cozma, S Pescariu, A Mornos, D Dragulescu, A Ionac. The role of cardiac biomarkers, conventional echocardiography and tissue Doppler imaging in early detection of future doxorubicin-induced cardiotoxicity. *European Heart Journal* 2012;33 (Abstract Supplement): 328.

9. **C Mornos**, A Ionac, D Cozma, A Mornos, S Pescariu, S Petrescu. The value of left ventricular global longitudinal strain assessed by three-dimensional strain imaging in the early detection of anthracycline-mediated cardiotoxicity. *European Heart Journal* 2012; 33 (Abstract Supplement): 349.
10. **C Mornos**, R Dan, A Mornos, A Ionac, D Cozma, S Pescariu, L Petrescu. The prognostic value of a new tissue Doppler parameter in patients hospitalized with acute decompensated heart failure. *European Heart Journal: Acute Cardiovascular Care Abstract Supplement* 2012; 1 (S1): 7.
11. **C Mornos**, A Ionac, R Dan, D Cozma, A Mornos, L Petrescu, S Pescariu. A new tissue Doppler parameter in predicting future development of atrial fibrillation in patients hospitalized with acute decompensated heart failure. *European Heart Journal: Acute Cardiovascular Care Abstract Supplement* 2012; 1 (S1):17.
12. **C Mornos**, A Ionac, A Mornos, M Valcovici, D Cozma, S Pescariu, L Petrescu. The value of cardiac biomarkers, conventional echocardiography and tissue Doppler imaging in early prediction of future cardiotoxicity induced by doxorubicin. *European Heart Journal: Acute Cardiovascular Care Abstract Supplement* 2012; 1 (S1): 135.
13. **C Mornos**, D Cozma, A Mornos, L Petrescu, M Valcovici, A Ionac. Speckle tracking echocardiography in the early detection of anthracycline-induced cardiotoxicity. *European Journal of Heart Failure Supplements* 2012; 11(S1): S191
14. **C Mornos**, L Petrescu, R Dan, A Mornos, D Cozma, A Ionac, M Valcovici, SI Dragulescu. The utility of cardiac biomarkers, conventional echocardiography and tissue Doppler imaging in early detection of future doxorubicin-induced cardiotoxicity. *European Journal of Heart Failure Supplements* 2012;11(S1): S262
15. **C Mornos**, R Dan, D Dragulescu, D Cozma, S Pescariu, A Ionac. A new tissue Doppler parameter in predicting future development of cardiac events in patients with non-revascularized coronary artery disease. *European Journal of Heart Failure Supplements* 2012;11(S1): S105
16. **C Mornos**, M Valcovici, R Dan, A Mornos, D Cozma, A Ionac, S Pescariu. The value of left ventricular tridimensional global longitudinal strain in the early detection of anthracycline-mediated cardiotoxicity. *European Journal of Heart Failure Supplements* 2012; 11(S1): S93

17. **C Mornos**, L Petrescu, A Ionac, D Cozma, A Mornos. Prognostic value of left ventricular global longitudinal strain in patients with left ventricular dysfunction. *European Journal of Preventive Cardiology* 2012; 19 (Supplement 1): S70
18. **C Mornos**, L Petrescu, D Gaita, A Mornos, S Pescariu. A new index in predicting future development of atrial fibrillation in patients with heart failure. *European Journal of Preventive Cardiology* 2012;19 (Supplement 1): S114
19. **C Mornos**, D Cozma, L Petrescu, A Mornos, D Gaita. The prognostic value of a new tissue Doppler parameter in patients with heart failure. *European Journal of Preventive Cardiology* 2012; 19 (Supplement 1): S123
20. **C Mornos**, A Ionac, D Cozma, A Mornos, D Dragulescu, L Petrescu, S Pescariu. Could the future anthracycline-induced cardiotoxicity be early predicted by using left ventricular global longitudinal strain assessed by three-dimensional speckle tracking? *Eur J Echocardiography Abstracts Supplement*, 2012; 13 (S1):i92
21. **C Mornos**, D Cozma, A Ionac, A Mornos, M Valcovici, S Pescariu, L Petrescu. Additive value of twist to global longitudinal left ventricular strain in the early detection of anthracycline-induced cardiotoxicity. *Eur J Echocardiography Abstracts Supplement*, 2012; 13 (S1):i186
22. **C Mornos**, D Cozma, L Petrescu, D Dragulescu, A Mornos, S Pescariu, A Ionac. The value of a new tissue Doppler parameter to predict cardiac death in patients with heart failure. *Eur J Echocardiography Abstracts Supplement*, 2012; 13 (S1):i35
23. **C Mornos**, M Valcovici, S Pescariu, L Petrescu, D Cozma, A Ionac. Early detection of anthracycline-mediated cardiotoxicity using left ventricular global longitudinal strain assessed by three-dimensional strain imaging. *Cardiovascular Therapeutics* 2012;30(S1):53.
24. **C Mornos**, M Valcovici, D Cozma, S Pescariu, L Petrescu, A Ionac. Early detection of anthracycline-mediated cardiotoxicity: the value of considering both global longitudinal left ventricular systolic strain and twist. *Cardiovascular Therapeutics* 2012;30(S1):86.
25. **C Mornos**, D Cozma, A Ionac, D Dragulescu, A Mornos, L Petrescu. Could $E/(E' \times S')$ Ratio Predict Atrial Fibrillation in Patients with Heart Failure? A Prospective Study. *Journal of the American Society of Echocardiography* 2011; 24 (5): B11 (P1-25)
26. **C Mornos**, D Cozma, A Ionac, L Petrescu, A Mornos, S Pescariu. The Prognostic Value of a New Tissue Doppler Parameter in Patients with Heart Failure. *Journal of the American Society of Echocardiography* 2011; 24 (5): B15 (P1-36)

27. **C Mornos**, D Cozma, A Ionac, A Mornos, L Petrescu. Lateral, Medial, Average or Maximal Tissue Doppler Velocities for the Estimation of Left Ventricular Filling Pressure in Patients with Heart Failure. *Journal of the American Society of Echocardiography* 2011; 24 (5): B17 (P1-44)
28. **C Mornos**, L Petrescu, A Ionac, S Pescariu, D Cozma, A Mornos, SI Dragulescu. The prognostic value of a new tissue Doppler parameter in patients with heart failure. *European Heart Journal* 2011; 32 (Abstract Supplement): 285
29. **C Mornos**, A Ionac, D Cozma, D Dragulescu, A Mornos, L Petrescu, L Pescariu. Prediction of atrial fibrillation in patients with heart failure using a new tissue Doppler index. *Europace* 2011; 13 (suppl 3): NP
30. **C. Mornos**, A. Ionac, D. Cozma, L. Petrescu, D. Dragulescu, A. Mornos, S. Pescariu. A novel Tissue Doppler parameter predict cardiac death in patients with heart failure. *European Heart Journal* 2011; 32 (Abstract Supplement): 454
31. **C Mornos**, D Cozma, A Ionac, L Petrescu, A Mornos, S Pescariu. The impact of cardiac dyssynchrony on 2D-strain parameters in patients with heart failure complicating ischemic cardiomyopathy. *Europace* 2011; 13 (suppl 3): NP
32. **C Mornos**, D Cozma, A Ionac, S Pescariu, L Petrescu, A Mornos, SI Dragulescu. Prognostic value of a new Tissue Doppler index in patients with non-revascularized coronary artery disease. *Eur J Echocardiography Abstracts Supplement* 2011; 12 (S2): ii45
33. **C Mornos**, A Ionac, S Pescariu, D Cozma, A Mornos, SI Dragulescu. The influence of cardiac dyssynchrony on 2D-strain parameters in patients with non-ischemic heart failure with reduced ejection fraction. *Eur J Echocardiography Abstracts Supplement* 2011; 12 (S2): ii52
34. **C Mornos**, A Ionac, L Petrescu, D Cozma, D Dragulescu, A Mornos, S Pescariu. Prognostic value of left ventricular global longitudinal strain in patients with heart failure. *Eur J Echocardiography Abstracts Supplement* 2011; 12 (S2): ii117
35. **C Mornos**, A Ionac, D Cozma, L Petrescu, A Mornos, S Pescariu, SI Dragulescu. A new tissue Doppler parameter in predicting future development of atrial fibrillation in patients with left ventricular dysfunction. *Eur J Echocardiography Abstracts Supplement* 2011; 12 (S2): ii145
36. **C Mornos**, D Cozma, A Ionac, L Petrescu, S Pescariu. Prognostic value of a novel index combining diastolic and systolic tissue Doppler parameters in patients with left ventricular dysfunction. (P511). *European Journal of Cardiovascular Prevention & Rehabilitation* 2011; 18 (1 suppl): S 106

37. **C Mornos**, D Cozma, A Mornos, L Petrescu, D Gaita, S Pescariu. Could E/(EaxSa) Predict Atrial Fibrillation in Patients With Coronary Artery Disease? A Prospective Study (P530) *European Journal of Cardiovascular Prevention & Rehabilitation* 2011;18 (1 suppl): S 111
38. **C Mornos**, A Ionac, L Petrescu, D Gaita. Could left atrial volume/left ventricular end-diastolic volume ratio predict the failure in conversion or maintenance of sinus rhythm in patients with persistent atrial fibrillation? (P555). *European Journal of Cardiovascular Prevention & Rehabilitation* 2011; 18 (1 suppl): S 118
39. **C Mornos**, D Cozma, R Dan, A Ionac, D Dragulescu, A Mornos, L Petrescu. Prognostic value of a novel Tissue Doppler index in patients with non-revascularized coronary artery disease. *European Journal of Heart Failure Supplements* 2011; 10 (suppl 1): S 80 (P476)
40. **C Mornos**, A Ionac, R Dan, D Cozma, A Mornos, L Petrescu. Could E/(E'xS') predict cardiac death in patients with heart failure? *European Journal of Heart Failure Supplements* 2011; 10 (suppl 1): S 96 (P543)
41. **C Mornos**, L Petrescu, A Ionac, R Dan, A Mornos, S Pescariu. The impact of cardiac dyssynchrony on speckle tracking parameters in heart failure complicating ischemic cardiomyopathy. *European Journal of Heart Failure Supplements* 2011; 10 (suppl 1): S 202 (P1057)
42. **C Mornos**, M Nicolin, A Ionac, A Mornos, S Pescariu, SI Dragulescu. The value of global myocardial index to detect cardiac dyssynchrony in patients with non-ischemic dilated cardiomyopathy. *European Journal of Heart Failure Supplements* 2011; 10 (suppl 1): S 227 (P1194)
43. **C Mornos**, D Rusinaru, L Petrescu, D Cozma, A Ionac, S Pescariu, SI Dragulescu. The additive value of torsion to global longitudinal left ventricular strain in patients with dilated cardiomyopathy. *European Journal of Echocardiography Supplements* 2010 ; 11 (Supplement 2), ii19
44. **C Mornos**, D Cozma, D Rusinaru, A Ionac, S Pescariu, SI Dragulescu. Prognostic value of a novel Tissue Doppler index in patients with left ventricular dysfunction. *European Journal of Echocardiography Supplements* 2010; 11 (Supplement 2): ii27
45. **C Mornos**, D Rusinaru, D Cozma, A Ionac, L Petrescu. The additive value of torsion to global longitudinal left ventricular strain in patients with systolic dysfunction. A pilot study. *European Journal of Echocardiography Supplements* 2010;11 (Supplement 2): ii132

46. **C Mornos**, A Ionac, D Cozma, S Pescariu, SI Dragulescu. The influence of left bundle branch-block on 2D-strain parameters in patients with heart failure complicating coronary artery disease. *European Journal of Echocardiography Supplements* 2010; 11 (Supplement 2): ii83
47. **C Mornos**, L Petrescu, D Dragulescu, A Ionac. E/(Ea·Sa) in prediction of atrial fibrillation in patients with coronary artery disease: a prospective study. *European Heart Journal Supplements* 2010; 12 (Supplement F): F47
48. **C Mornos**, D Cozma, S Pescariu, SI Dragulescu. Left atrial volume/left ventricular end-diastolic volume as predictor of failure in conversion or maintenance of sinus rhythm within 3 months in patients with persistent atrial fibrillation. *European Heart Journal Supplements* 2010; 12 (Supplement F): F89
49. **C Mornos**, D Rusinaru, L Petrescu, A Ionac, D Cozma, S Pescariu. The influence of left bundle branch-block on 2D-strain parameters in patients with heart failure with reduced ejection fraction. *Journal of the American Society of Echocardiography* 2010; 23 (5): B23, P1-59
50. **C Mornos**, D Rusinaru, L Petrescu, A Ionac, S Pescariu. Lateral, medial, average or maximal Tissue Doppler velocities for the estimation of left ventricular filling pressure in patients with intermediate diastolic index. *Journal of the American Society of Echocardiography* 2010;23(5): B14, P1-31
51. **C Mornos**, L Petrescu, R Dan, A Ionac, D Cozma, S Pescariu. Lateral, medial, average or maximal tissue Doppler velocities for the estimation of left ventricular filling pressure in patients with intermediate E/Ea? *European Journal of Heart Failure Supplements* 2010; 9: S92
52. **C Mornos**, L Petrescu, R Dan, D Cozma, A Ionac, SI Dragulescu. E/(Ea×Sa) in prediction of atrial fibrillation in patients with left ventricular dysfunction: a prospective study. *European Journal of Heart Failure Supplements* 2010; 9: S249
53. **C Mornos**, I Zacharopoulou, N Kouremenos, D Dragulescu, S Pescariu, SI Dragulescu The relationship between the time interval difference of isovolumic relaxation andNT proBNP levels in patients with intermediate E/Ea ratio. *European Journal of Heart Failure Supplements* 2010; 9: S255
54. **C Mornos**, L Petrescu, R Dan, D Cozma, A Ionac, S Pescariu. The influence of left bundle branch-block on 2D-strain parameters in patients with heart failure with reduced ejection fraction. *European Journal of Heart Failure Supplements* 2010; 9: S47

55. **C Mornos**, A Ionac, D Gaita, A Mornos. Left atrial appendage: assessment of thrombosis using tissue Doppler Imaging in patients with persistent nonvalvular atrial fibrillation. *European Journal of Cardiovascular Prevention & Rehabilitation* 2010; 17 (Supplement 1): P484
56. **C Mornos**, I Zacharopoulou, D Gaita, SI Dragulescu. The influence of luminal coronary artery stenosis on myocardial deformation at rest analysed using 2-dimensional strain echocardiography. *European Journal of Cardiovascular Prevention & Rehabilitation* 2010; 17 (Supplement 1): P488
57. **C Mornos**, I Zacharopoulou, SI Dragulescu. Tei index obtained from tissue Doppler imaging: correlation with NTproBNP levels in patients with left ventricular dysfunction. *European Journal of Cardiovascular Prevention & Rehabilitation* 2010; 17 (Supplement 1): P507
58. **C Mornos**, D Cozma, A Ionac, L Petrescu, SI Dragulescu. Prognostic value of E/(EaxSa) ratio in patients with left ventricular dysfunction. *European Journal of Echocardiography* 2009; 10 (suppl 2): 21
59. **C Mornos**, D Cozma, A Ionac, L Petrescu, SI Dragulescu. Lateral, medial, average or maximal tissue Doppler velocities for the estimation of NTproBNP levels in patients with left ventricular dysfunction? *European Journal of Echocardiography* 2009; 10 (suppl 2): 126
60. **C Mornos**, A Ionac, D Cozma, SI Dragulescu. The impact of pulmonary arterial hypertension on left ventricular torsion assessed by 2D-strain Echocardiography. *European Journal of Echocardiography* 2009; 10 (suppl 2): 95
61. **C Mornos**, A Ionac, D Cozma, L Petrescu, SI Dragulescu. The role of 2D-strain imaging in the evaluation of the left ventricular function in patients with dilated cardiomyopathy. *European Journal of Echocardiography* 2009; 10 (suppl 2): 146.
62. **C Mornos**, D Cozma, A Ionac, L Petrescu, A Mornos, D Maximov, D Dragulescu, DL Popa, SI Dragulescu. Tissue Doppler imaging: a noninvasive technique for estimation of left ventricular end-diastolic pressure patients with coronary artery disease. *The Canadian Journal of Cardiology* 2009; 25 (Supplement SB): 636
63. **C Mornos**, A Ionac, D Cozma, L Petrescu, I Popescu, A Mornos, D Maximov, D Popa, S Pescariu, SI Dragulescu. The impact of pulmonary arterial hypertension on left ventricular torsion assessed by 2D-strain echocardiography. *The Canadian Journal of Cardiology* 2009; 25 (Supplement SB): 125

64. **C Mornos**, A Ionac, D Cozma, A Mornos, L Petrescu, S Pescariu, D Maximov, DL Popa, SI Dragulescu. Left atrial appendage: assessment of thrombosis using 2D-strain in patients with persistent nonvalvular atrial fibrillation. *The Canadian Journal of Cardiology* 2009; 25 (Supplement SB): 139
65. **C Mornos**, D Cozma, A Ionac, L Petrescu, D Dragulescu, S Pescariu, D Maximov, D Popa, SI Dragulescu. A new global tissue Doppler index: correlation with left ventricular end-diastolic pressure in patients with severe mitral regurgitation. *European Heart Journal, Abstract Supplement*, 2009; 30: 321
66. **C Mornos**, D Cozma, A Ionac, L Petrescu, C Neagoe, D Maximov, D Popa, SI Dragulescu. The role of speckle tracking imaging in the evaluation of NTproBNP level in patients with dilated cardiomyopathy. *European Journal of Heart Failure Supplements* 2009; 8: Abstract 407
67. **C Mornos**, A Ionac, C Cozma, L Petrescu, S Pescariu, C Neagoe, A Mornos, SI Dragulescu. 2D longitudinal strain: a reliable non-invasive parameter for evaluating global left ventricular function. *European Journal of Heart Failure Supplements* 2009; 8: Abstract 460
68. **C Mornos**, D Cozma, A Ionac, L Petrescu, A Mornos, C Neagoe, D Maximov, SI Dragulescu. Lateral, medial, average or maximal tissue Doppler velocities for the estimation of NTproBNP levels in patients with dilated cardiomyopathy? *European Journal of Heart Failure Supplements* 2009; 8: Abstract 855
69. **C Mornos**, A Ionac, D Cozma, D Rusinaru, L Petrescu, S Pescariu, C Neagoe, SI Dragulescu. Tissue Doppler Imaging: a reliable method to predict high levels of serum NTproBNP in patients with intermediate E/Ea ratio. *European Journal of Heart Failure Supplements* 2009; 8: Abstract 1172
70. **C Mornos**, A Ionac, C Sarau, D Dragulescu, A Lupu, SI Dragulescu. $E/(Ea \times Sa)$ – a new global echocardiographic index: correlation with NTproBNP levels in patients with left ventricular dysfunction. *Journal of the American Society of Echocardiography* 2008; 21(5): 535
71. **C Mornos**, D Cozma, A Ionac, D Rusinaru, A Mornos, L Petrescu, SI Dragulescu. Tissue Doppler Imaging: a reliable method for estimation of the left ventricular end-diastolic pressure in patients with systemic hypertension. *European Journal of Echocardiography* 2008; 9 (Supplement 1): 1239 (S174)
72. **C Mornos**, A Ionac, D Cozma, C Neagoe, A Lupu, D Dragulescu, A Mornos, SI Dragulescu. The relationship between left ventricular function assessed by strain tissue Doppler imaging and

and plasma NTproBNP levels in patients with dilated cardiomyopathy. *European Journal of Echocardiography* 2008; 9(Supplement 1): 771 (S96)

73. **C Mornos**, A Ionac, D Cozma, L Petrescu, A Mornos, D Popa, D Maximov, SI Dragulescu. The place of NTproBNP in the non-invasive assessment of left ventricular end-diastolic pressure in patients with intermediate E/Ea ratio: comparison with tissue Doppler velocities. *European Heart Journal, Abstract Supplement*, 2008; 29: 182

74. **C Mornos**, A Ionac,. D Cozma, L Petrescu, D Maximov, A Mornos, D Popa, A Lupu, SI Dragulescu. The relationship between echocardiographic parameters and plasma N-terminal pro-brain natriuretic peptide levels in patients with dilated cardiomyopathy. *European Heart Journal, Abstract Supplement*, 2008; 29: 318

75. **C Mornos**, A Ionac, D Cozma, L Petrescu, D Dragulescu, D Maximov, C Sarau, A Mornos, SI Dragulescu. Tissue Doppler Imaging: a reliable non-invasive method for estimation of the left ventricular end-diastolic pressure in patients with chronic heart failure. *European Heart Journal, Abstract Supplement*, 2008; 29: 499

76. **C Mornos**, D Cozma, A Ionac, D Rusinaru, A Mornos, D Popa, L Petrescu, D Maximov, SI Dragulescu. A new global Tissue Doppler index: correlation with NTproBNP levels in patients with left ventricular dysfunction. *European Heart Journal, Abstract Supplement*, 2008; 29: 876

77. **C Mornos**, D Cozma, A Ionac, D Rusinaru, D Maximov, A Mornos, D Popa, SI Dragulescu. Lateral, medial or average tissue Doppler velocities for the non-invasive assessment of left ventricular filling pressures in patients with dilated cardiomyopathy? *European Journal of Heart Failure Supplements* 2008; 7 (supplement 1): 41

78. **C Mornos**, A. Ionac, D Rusinaru, D Cozma, D Maximov, A Mornos, L Petrescu, D Popa, SI Dragulescu. Tissue Doppler Imaging: a reliable method for estimation of the left ventricular end-diastolic pressure in patients with chronic heart failure. *European Journal of Heart Failure Supplements* 2008; 7 (supplement 1): 44

79. **C Mornos**, A Ionac, D Cozma, I Popescu, D Maximov, D Popa, SI Dragulescu. The relationship between echocardiographic parameters and plasma N-terminal pro-brain natriuretic peptide levels in patients with dilated cardiomyopathy. *Ultraschall in der Medizin, European Journal of Ultrasound Supplement*, 2008; 29: S31

80. **C Mornos**, A Ionac, D Cozma, L Petrescu, A Lupu, I Popescu, SI Dragulescu. Lateral, medial or average tissue Doppler velocities for the non-invasive assessment of left ventricular

filling pressures in patients with dilated cardiomyopathy? *Ultraschall in der Medizin, European Journal of Ultrasound Supplement*, 2008; 29: S33

81. **C Mornos**, A Ionac, D Rusinaru, D Cozma, D Maximov, A Mornos, C Sarau, SI Dragulescu. A novel index combining diastolic and systolic Tissue Doppler parameters: correlation with NTproBNP levels in patients with left ventricular dysfunction. *European Journal of Heart Failure Supplements* 2008; 7 (supplement 1): 127.

82. **C Mornos**, A Ionac, D Cozma, A Mornos, C Neagoe, D Maximov, SI Dragulescu. Left atrial appendage: assessment of thrombosis using strain echocardiography in patients with persistent nonvalvular atrial fibrillation. *The Canadian Journal of Cardiology* 2008;24 (Supplement SE): 0227

83. **C Mornos**, D Cozma, A Ionac, A Mornos, C Neagoe, D Popa, SI Dragulescu. Lateral, medial or average tissue Doppler velocities for the non-invasive assessment of left ventricular filling pressures in patients with dilated cardiomyopathy. *The Canadian Journal of Cardiology* 2008;24 (Supplement SE): 0482

84. **C Mornos**, D Cozma, A Ionac, A Mornos, C Neagoe, SI Dragulescu. The relationship between the global myocardial index and NTproBNP levels in patients with dilated cardiomyopathy and acute heart failure *The Canadian Journal of Cardiology* 2008;24 (Supplement SE): 0176

85. **C Mornos**, A Ionac, D Cozma, L Petrescu, D Maximov, C Sarau, D Popa, SI Dragulescu. Estimation of left ventricular filling pressure using Doppler echocardiography in patients with intermediate E/Ea. *European Journal of Echocardiography* 2007;8 (Supplement 1): 335 (S36)

86. **C Mornos**, A Ionac, D Cozma, D Maximov, ALupu, A Dragulescu, SI Dragulescu. Tissue Doppler velocities of the mitral annulus and NTproBNP in patients with dilated cardiomyopathy. *European Journal of Echocardiography* 2007;8 (Supplement 1): 414 (S48)

87. **C Mornos**, A Ionac, D Cozma, D Maximov, L Petrescu, A Lupu, SI Dragulescu. Noninvasive Assessment of Left Ventricular Filling Pressures: Tissue Doppler Echocardiography or NTproBNP Levels? *Chest Meeting Abstracts* 2007; 132 (4) : 476b

88. **C Mornos**, A Ionac, D Cozma, D Maximov, L Simion, SI Dragulescu. Estimation of Left Ventricular Filling Pressure Using Tissue Doppler Echocardiography in Patients With Intermediate E/Ea. *Chest Meeting Abstracts* 2007; 132 (4): 578b

89. **C Mornos**, A Ionac, D Cozma, D Maximov, A Lupu, A Bokor, SI Dragulescu. The place of tissue doppler imaging in estimation of the NTproBNP levels in patients with dyspnea. *The Canadian Journal of Cardiology* 2007;23 (Supplement SC): 0464
90. **C Mornos**, A Ionac, D Maximov, A Lupu, B Mut, C Sarau, SI Dragulescu. Noninvasive assessment of left ventricular filling pressures: tissue Doppler echocardiography or NTproBNP levels? *The Canadian Journal of Cardiology*, 2007; 23 (Supplement SC): 0563
91. **C Mornos**, A Ionac, D Cozma, D Maximov, S Pescariu, A Lupu, SI Dragulescu. The role of tissue Doppler echocardiography in the evaluation of NTproBNP level in patients with dilated cardiomyopathy. *European Heart Journal* 2007; 28 (Abstract Supplement): 369
92. **C Mornos**, A Ionac, D Cozma, D Dragulescu, A Bokor, C Sarau, A Lupu, SI Dragulescu. Tissue Doppler imaging: a non-invasive technique for estimation of NT pro-BNP levels in patients with left ventricular dysfunction. *European Journal of Heart Failure Supplements* 2007; 6(1): 125
93. **C Mornos**, JP Baguet, A Ionac, D Cozma, D Dragulescu, SI Dragulescu. The correlation between the Tissue Doppler velocities of mitral annulus and NTproBNP levels in patients with E/Ea between 8 and 15. *European Journal of Echocardiography* 2006; 7 (Supplement 1): 281 (S34)
94. **C Mornos**, A Ionac, D Cozma, D Dragulescu, D Rusinaru, SI Dragulescu. The role of Tissue Doppler echocardiography in the evaluation of NTproBNP level in patients with heart failure. *European Journal of Echocardiography* 2006; 7 (Supplement 1): 284 (S35)
95. **C Mornos**, A Ionac, D Cozma, SI Dragulescu. The place of tissue Doppler imaging in estimation of the NTproBNP level in patients with acute left ventricular dysfunction. *Acute Cardiac Care* 2006; 8 (3) Supp 2: 42-62
96. I Popescu, S Mancas, **C Mornos**, I Serbescu, G Ionescu, A Ionac. Is there a correlation between systolic and diastolic left ventricular function in elite rugby players?: a two-dimensional and three-dimensional speckle tracking study. *Eur Heart J Cardiovasc Imaging Abstracts Supplement* 2013; 14 (Supplement 2): ii225.
97. V Bobilca, N Thakur, H Parikh, S Mosteoru, B Preunca, R Ilie, **C Mornos**. The additive value of torsion to global longitudinal left ventricular strain in patients with systolic dysfunction. A pilot study. *European Journal of Medical Research* 2010; 15(S1):34.

98. DC Cozma, L Petrescu, **C Mornos**, D Gaita, M Rosu, SI Dragulescu. Mechanism of heart failure progression in patients with frequent premature ventricular contractions. *European Journal of Heart Failure Supplements* 2010; 9: S191
99. DC Cozma, **C Mornos**, L Petrescu, D Lighezan, D Gaita, SI Dragulescu. Diastolic asynchrony in heart failure: which patients? *European Heart Journal, Abstract Supplement*, 2009; 30: 33
100. S Miclaus, **C Mornos**, D Maximov, A Lupu, D Popa, M Puschita . The correlation between the combined myocardial performance index and the serum NTproBNP level in patients with left ventricular dysfunction. A prospective study. *European Journal of Heart Failure Supplements* 2009; 8: Abstract 847
101. A Ionac, **C Mornos**, D Rusinaru, D Cozma, D Popa, A Mornos, SI Dragulescu. Use of NTproBNP level and its comparison with Tissue Doppler velocities in the non-invasive assessment of left ventricular end-diastolic pressure in patients with intermediate E/Ea ratio. *Acute Cardiac Care* 2008; 10 (Supplement 3): 81
102. D Cozma, A Ionac, **C Mornos**, L Petrescu, D Dragulescu, SI Dragulescu. Mild to moderate essential hypertension: left ventricular vs left atrial remodeling. *European Journal of Echocardiography* 2008;9 (Supplement 1): 1245 (S176)
103. A Ionac, **C Mornos**, L Petrescu, D Rusinaru, A Lupu, A Mornos, SI Dragulescu, D Maximov. Global myocardial index: correlation with NTproBNP levels in patients with dilated cardiomyopathy and acute dyspnea. *Acute Cardiac Care* 2008; 10 (Supplement 3): 25
104. Ionac A, **Mornos C**, Dragulescu D, Popescu I, SI Dragulescu. Three-dimensional echocardiography in the evaluation of mitral and aortic valve postendocarditic lesions. *Ultraschall in der Medizin, European Journal of Ultrasound Supplement*, 2008; 29: S31
105. AT Ionac, **C Mornos**, D Cozma, S Pescariu, A Dragulescu, M Cocora, SI Dragulescu. Assessment of mitral regurgitation mechanism. Three-dimensional transesophageal echocardiographic study. *European Journal of Echocardiography* 2006; 7 (Supplement 1):632 (S96)
106. A Bokor, **C Mornos**, C Neagoe. Left atrial appendage strain as predictive factor of restoration and maintenance of sinus rhythm after electrical cardioversion of atrial fibrillation in patients with dilated cardiomyopathy. *The Canadian Journal of Cardiology* 2008; 24 (Supplement SE): 0228

107. Cozma D, **Mornos C**, Petrescu L, A Ionac, SI Dragulescu. Left atrial surface cut point to detect trapezoidal shape for characterisation of atrial anatomical remodeling. *European Journal of Echocardiography* 2006; 7 (Supplement 1):496 (S78)
108. Cozma D, **Mornos C**, Petrescu L, A Ionac, F Golda, St I Dragulescu. Left atrial shape and electroanatomical remodeling with age. *European Journal of Echocardiography* 2006; 7 (Supplement 1):499 (S78)
109. S Miclaus, **C Mornos**, A Lupu, D Maximov, M Puschita. Left atrial volume index is an independent predictor of NT pro-BNP level in patients with left ventricular dysfunction. *European Journal of Heart Failure Supplements* 2007; 6(1): 165
110. DC Cozma, L Petrescu, **C Mornos**, D Lighezan, M Morar, R Dan, SI Dragulescu. Diastolic asynchrony is more important in patients with dilated cardiomyopathy and coronary artery disease than in patients without structural heart disease but with diastolic heart failure. *European Journal of Heart Failure Supplements* 2009; 8: Abstract 1464
111. D Cozma, J Kalifa, S Pescariu, D Lighezan, A Ionac, D Dragulescu, **C Mornos**, P Djane, JC Deharo, SI Dragulescu. Echocardiographic evidences of increased left ventricular pressure and atrial dilatation in patients with drug – resistant paroxysmic atrial fibrillation and structurally normal heart. *European Journal of Echocardiography* 2003; 4 (Supplement 2): S14
112. D Cozma, S Pescariu, A Ionac, D Lighezan, D Dragulescu, **C Mornos**, G Cioraca, M Dumitrasciuc, SI Dragulescu. Time-movement and tissue Doppler imaging timing parameters of ventricular desynchronization in patients with dilated cardiomyopathy. *European Journal of Echocardiography* 2003; 4 (Supplement 2): S30
113. D Cozma, S Pescariu, A Ionac, D Lighezan, D Dragulescu, **C Mornos**, L Stoica. Value of automatic border detection in ventricular desynchronization assesment in patients with dilated cardiomyopat. *European Journal of Echocardiography Supplements* 2004; 5 (suplement 1): S4
114. Ionac A, S Pescariu, **C Mornos**, D Dragulescu, M Gaspar, SI Dragulescu. Assessment of mitral valve postendocarditis lesions by 3-dimensional transesophageal echocardiography; *IX th World Congress of Echocardiography and Vascular Ultrasound, Final Programme and Abstracts*, Marrakesh, september 2005, P-048
115. Ionac A, Pescariu S, Cozma D, **Mornos C**, Dragulescu A, Gaspar M, Dragulescu SI. Mechanism of acute aortic regurgitation – an important diagnostic tool. Three-dimensional

echocardiographic study. *IX th World Congress of Echocardiography and Vascular Ultrasound, Final Programme and Abstracts*, Marrakesh, september 2005, P-019

116. Cozma D, Ionac A, Petrescu L, **Mornos C**, Dan R, Dragulescu SI. Echocardiographic evaluation for biventricular pacing indication: global Myocardial index and automatic border detection pattern of left ventricle. *IX th World Congress of Echocardiography and Vascular Ultrasound, Final Programme and Abstracts*, Marrakesh, september 2005, P-009

117. D Cozma, S Pescariu, A Ionac, D Lighezan, **C Mornos**, A Dragulescu, F Golda, SI Dragulescu. Can global myocardial index evaluate ventricular desynchronisation in patients with dilated cardiomyopathy? A Time-movement and Tissue Doppler imaging timing study. *European Journal of Echocardiography Supplements* 2004; 5 (suplement 1): S7

118. D Cozma, S Pescariu, A Ionac, D Lighezan, **C Mornos**, A Dragulescu, I Gyalai, SI Dragulescu. Left atrial function using automatic border detection in patients with paroxysmic atrial fibrillation and structurally normal heart. *European Journal of Echocardiography Supplements* 2004; 5 (suplement 1): S128

119. Ionac A, S Pescariu, **C Mornos**, A Dragulescu, D Cozma, SI Dragulescu. Three-dimensional echocardiography: an improved technique for the assessment of periprosthetic mitral regurgitation. *Echocardiography – Journal of Cardiovascular Ultrasound and Allied Techniques* 2004; 21 (4): 376

120. D Cozma, S Pescariu, D Lighezan, L Petrescu, **C Mornos**, SI Drăgulescu. Left ventricular desynchronozation assessment using global myocardial index in patients with dilated cardiomyopathy. *Europace Supplements* 2005; 7 (3): CRT03

121. AT Ionac, S Pescariu, **C Mornos**, A Dragulescu, D Cozma, M Gaspar, SI Dragulescu. Three-dimensional echocardiography: an improved technique for the assessment of mitral valve postendocarditis lesions. *European Journal of Echocardiography Abstracts Supplement*, 2005:166 (S4)

122. DC Cozma, L Petrescu, A Ionac, **C Mornos**, D Lighezan, SI Dragulescu. Global myocardial index and automatic border detection pattern of left ventricle in patients with dilated cardiomyopathy. *European Journal of Echocardiography Abstracts Supplement*, 2005: 473 (S60)

123. DC Cozma, A Ionac, L Petrescu, **C Mornos**, D Gaita, SI Dragulescu. Left atrial shape and area to assess left atrial anatomical remodeling. *European Journal of Echocardiography Abstracts Supplement*, 2005: 990 (S158)
124. Cozma D, **Mornos C**, Ionac A, Petrescu L, D. Gaita, Stoica L, Dragulescu SI. Is left atrial shape and surface the appropriate choice in the assessment of anatomical remodeling? IX th World Congress of Echocardiography and Vascular Ultrasound, Final Programme and Abstracts, Marrakesh, september 2005, P-069
125. Cozma D, Lighezan D, Pescariu S, Ionac A, Dragulescu D, **Mornos C**, Dragulescu SI. Time-movement and tissue doppler imaging timing parameters of ventricular desynchronization in patients with dilated cardiomyopathy. *Europace* 2003;4 (Supplement 2): B61
126. Ionac A, S Pescariu, B Mut, **C Mornos**, A Dragulescu, D Cozma, SI Dragulescu. Assessment of periprosthetic mitral regurgitation: a three-dimensional echo analysis. *European Heart Journal* 2004; 25 (Abstract Supplement): 250
127. Cozma D, Pescariu S, Petrescu L, D Gaita, **Mornos C**, Dragulescu SI. Left atrial shape and surface cut point to detect vulnerability to atrial fibrillation. *Heart Rhythm* 2006; 3 (5) May Supplement: S 318
128. Cozma D, Pescariu S, Petrescu L, Luca CT, **Mornos C**, Lighezan D, Dragulescu SI. Global myocardial index relation with automatic border detection pattern of left ventricle for biventricular pacing. *Europace Supplements* 2006; 8 (Suppl 1)
129. D Cozma, S Pescariu, A Ionac, D Lighezan, D Dragulescu, **C Mornos**, SI Dragulescu. TM timing parameters validation using TDI in patients with dilated cardiomyopathy. *Europace Supplements* 2004; 6 (suppl 1): 130
130. D Cozma, C Luca, L Petrescu, **C Mornos**, SI Dragulescu. Left atrial frustum volume in patients with paroxysmal atrial fibrillation. *Journal of Cardiovascular Electrophysiology* 2007; 18 (s2): S1-S68 (abstract 10.4)
131. H Feier, M Gaspar, D Cioata, D Cozma, **C Mornos**, P Deutsch, SI Dragulescu. Predicting The Smal Aortic Root - Operative Implication The XII Annual meeting of Danubian Forum for Cardiac Surgery (DFSC), Osijek, Croatia, May 30-31, 2008
132. S Pescariu, D Popa, D Maximov, D Brie, **C Mornos**, A Ionac, D Dragulescu, SI Dragulescu. Microvolt T-wave alternans versus invasive evaluation of the risk for ventricular arrhythmias in patients with complete interventional revascularization after myocardial infarction

and preserved ejection fraction. *12th Congress of the International Society for Holter and Noninvasive Electrocardiology*, Athen 2007, P-034

133. Cozma D, **Mornos C**, Ionac A, Petrescu L, Golda F, SI Dragulescu. Analysis of left atrial shape and area for differentiation between normal and pseudonormal mitral inflow. *European Journal of Echocardiography* 2007; 8 (Supplement 1): 1195 (S199)

134. Ionac A, Pescariu S, **Mornos C**, Dragulescu A, Cozma D, SI Dragulescu. Three-dimensional echocardiography: an improved technique for the assessment of periprosthetic mitral regurgitation. *Echocardiography: A Journal Of CardiovascularUltrasound & Allied Tech.* 2004; 21 (4): 376

135. Cozma D, Petrescu L, **Mornos C**, Pleascar O, SI Dragulescu. Value of the forgotten area-pulmonary vein antrum in the assessment of left atrium shape and size remodeling: Should we revise current guidelines? *Journal of Interventional Cardiac Electrophysiology* 2009; 24(3): 251

136. DC Cozma, **C Mornos**, L Petrescu, D Lighezan, D Gaita, SI Dragulescu. Left atrial size and shape in athletes heart vs essential hypertension vs hypertrophic cardiomyopathy. *European Heart Journal* 2010; 31 (Abstract Supplement): 329-330

137. DC Cozma, **C Mornos**, L Petrescu, SI Dragulescu. Left atrium volume and shape remodelling assesement: should we revised current guidelines? *Europace* 2010; 12(suppl 1): i46

138. DC Cozma, L Petrescu, **C Mornos**, D Lighezan, C. Tutuianu, SI Dragulescu. The role of premature ventricular contraction burden and ventricular coupling interval to the initial mechanism of heart failure progression. *European Journal of Heart Failure Supplements* 2011; 10 (suppl 1): S 120 (P742)

139. S Pescariu, D Brie, A Dumitrescu, R Sosdean, A Ionac, **C Mornos**, SI Dragulescu. Is cardiac resynchronization therapy useful in patients with end-stage heart failure patients inotrope-supported? *European Journal of Heart Failure Supplements* 2011; 10 (suppl 1): S 122 (P748)

140. DC Cozma, L Petrescu, **C Mornos**, SI Dragulescu. Hemodynamic effect of frequent premature ventricular contaction in patients without structural heart disease: from diastolic dysfunction to atrial stretch. *Europace* 2011; 13 (suppl 3): NP

141. VR Enatescu, LM Ienciu, I Papava, R Romosan, V Enatescu, I Enatescu, AR Dobrin, S Pescariu, **C Mornos**. EPA-0213 - Type D personality and the psychopathological correlates in a

romanian sample of patients with coronary heart disease. *European Psychiatry* (Abstracts of the 22nd European Congress of Psychiatry) 2014; 29(Supplément 1):1-3.

142. Enatescu VR, Enatescu I, Papava I, Romosan R, Pescariu S, Munteanu R, Toader A, **Mornos C**. The Prognostic Value of Type D Personality in a Romanian Sample of Patients with Coronary Heart Disease. *European Psychiatry* (Abstracts of the 23rd European Congress of Psychiatry) 2015; 30 (Supplement 1):603

143. Vaduva, R. Lighezan, O. Duicu, A. Sturza, H. Feier, M. Gaspar, D. Angoulvant, **C. Mornos**, D. M. Muntean. Evaluation of ROS generation and mitochondrial respiration in atrial samples from diabetic and non-diabetic coronary patients. *Archives of Cardiovascular Diseases Supplements* 2015; 7(2): 0434

144. A. Sturza, O.M. Duicu, R. Lighezan, L. Noveanu, A. Vaduva, H. Feier, M Gaspar, C. Borza, A. Ionac, D.M. Muntean, **C. Mornos**. Monoamine oxidase inhibition improves endothelium-dependent relaxation in diseased human mammary arteries. *European Journal of Clinical Investigation* 2015; 45 (Issue Supplement s2):26

145. O.M. Duicu, R. Lighezan, A. Sturza, R. Balica, A. Vaduva, H. Feier, M. Gaspar, C. Borza, A. Ionac, **C. Mornos**, D.M. Muntean. Contribution of Monoamine Oxidases To Oxidative Stress in Coronary Patients With and Without Diabetes. *European Journal of Clinical Investigation* 2015; 45 (Issue Supplement s2):30

146. A Sturza; O Duicu; R Lighezan; R Balica; A Vaduva; H Feier; M Gaspar; C Borza; D Muntean; **C Mornos**. Monoamine oxidase inhibition improves vascular function in diseased human mammary arteries. *European Journal of Heart Failure Abstracts Supplement* 2015; 17 (Supplement 1): 243

147. O M Duicu; R Lighezan; R Balica; A Sturza; A Vaduva; H Feier; M Gaspar; C Borza; D Muntean; **C Mornos**. Assessment of mitochondrial dysfunction and monoamine oxidase contribution to oxidative stress in coronary patients with and without diabetes. *European Journal of Heart Failure Abstracts Supplement* 2015; 17 (Supplement 1): 438

148. **C. Mornos**, A. Ionac, S. Pescariu, L. Petrescu, D. Cozma. the value of tissue doppler imaging to predict cardiac death in patients with non-revascularized coronary artery disease. *The Canadian Journal of Cardiology* 2015; 31(10 Supplement):S81.

149. **C. Mornos**, Enatescu VR. The impact of type D personality on the severity of coronary artery disease. *Canadian Journal of Cardiology* 2015; 31(10 Supplement):S14-15.

150. **C Mornos**, L Petrescu, A Ionac, S Crisan, A Mornos, M Lazar, D Cozma. A new tissue Doppler index to predict malignant ventricular arrhythmic events in patients with heart failure. *European Journal of Heart Failure Abstracts Supplement* 2016; 18 (Supplement 1): 121
151. R Sosdean, R Macarie, B Enache, C Tutuianu, F Goanta, **C Mornos**, A Ionac, S Pescariu. Hyponatremia- possible factor in biventricular pacing abnormalities. *European Journal of Heart Failure Abstracts Supplement* 2016; 18 (Supplement 1): 304
152. **C. Mornos**, L. Petrescu, A. Ionac, A. Mornos, S. Urseanu, R. Sosdean, D. Cozma. The risk stratification in patients with heart failure: the value of considering both global longitudinal left ventricular strain and mechanical dispersion. *European Heart Journal* 2016 ; 37 (Abstract Supplement): 194
153. **C Mornos**. Coronary Microcirculation: the new objective in patients with STEMI? *J Hypertens Res* 2017; 3(S1): 27.
154. **C. Mornos**, A. Ionac, L. Petrescu, A. Mornos, M. Lazar, R. Sosdean, D. Cozma. A new 2D-strain index to improve cardiovascular risk stratification in heart failure with reduced and mid-range ejection fraction. *European Heart Journal Supplements* 2016 ; 17 (Supplement 2) : ii51 (308).
155. R. Sosdean, F. Goanta, L. Maries, R.L. Ianos, I.R. Macarie, **C. Mornos**, A. Ionac, S. Pescariu. Severe tricuspid regurgitation induced by permanent pacing lead- imaging approach. *European Heart Journal - Cardiovascular Imaging* 2019;20(Supplement 1):i801.

c) Lucrari publicate in rezumat in reviste nationale:

1. **C Mornos**, D Cozma, A Ionac, L Petrescu, S Pescariu, A Mornos, I Popescu, SI Dragulescu. Rolul prognostic al unui nou parametru Doppler tisular la pacientii cu insuficienta cardiaca. *Revista Romana de Cardiologie* 2011; 21 (Suplimentul B): B93 (80)
2. **C Mornos**, A Ionac, D Cozma, L Petrescu, S Pescariu, A Mornos, I Popescu, G Ionescu, SI Dragulescu. Valoarea unui nou parametru speckle tracking ce include strainul longitudinal global si torsiunea ventriculului stang in evaluarea pacientilor cu disfunctie sistolica. *Revista Romana de Cardiologie* 2011; 21 (Suplimentul B): B201 (174)

3. **C Mornos**, D Cozma, A Ionac, I Popescu, L Petrescu, S Pescariu, SI Dragulescu, Rolul prognostic al raportului $E/(E' \times S')$ la pacientii cu disfunctie ventriculara stânga. *Revista Romana de Cardiologie* 2010; XXV (Suplimentul A): A2 (2)
4. **C. Mornos**, A Ionac, D Cozma, I Popescu, L Petrescu, S Pescariu, SI Dragulescu. Influenta blocului major de ramura stânga asupra parametrilor speckle tracking la pacientii cu insuficienta cardiaca cu fractie de ejectie scazuta. *Revista Romana de Cardiologie* 2010; XXV (Suplimentul A): A22 (17)
5. **C Mornos**, A Ionac, D Cozma, L Petrescu, D Maximov, SI Dragulescu. Corelatia dintre un nou indice ecocardiografic si presiunea telediastolica intraventriculara stanga la pacientii cu regurgitare mitrala severa. *Revista Romana de Cardiologie* 2009; XXIV (suplimentul A): A7
6. **C Mornos**, A Ionac, D Cozma, L Petrescu, S Pescariu, SI Dragulescu. Impactul hipertensiunii arteriale pulmonare asupra torsiunii ventriculului stang evaluata prin speckle tracking. *Revista Romana de Cardiologie* 2009; XXIV (suplimentul A): A18
7. **C Mornos**, A Ionac, D Cozma, A Lupu, D. Dragulescu, A Bokor, D Maximov, C Sarau, SI Dragulescu. Rolul ecocardiografiei Doppler tisular in evaluarea nivelului NTproBNP seric in cardiomiopatia dilatativa. *Revista Romana de Cardiologie* 2007; XXII (suplimentul A): A88
8. **C Mornos**, A Ionac, D Cozma, D Maximov, A Bokor, D Dragulescu, A Lupu, C Sarau, SI Dragulescu. Corelatia dintre velocitatile inelului mitral in ecocardiografia Doppler tisular si nivelul NTproBNP seric la pacientii cu E/Ea intre 8 si 15. *Revista Romana de Cardiologie* 2007; XXII (suplimentul A): A186
9. **C Mornos**, A Ionac, D Cozma, S Pescariu, A Bokor, SI Dragulescu. Volumul atrial stang indexat este predictor independent al nivelului NTproBNP la pacientii cu disfunctie ventriculara stanga. *Revista Romana de Cardiologie* 2006; XXI (suplimentul A): A64
10. **C Mornos**, A Ionac, D Cozma, S Pescariu, A Bokor, SI Dragulescu. Semnificatia nivelului NTproBNP seric in estimarea rezultatelor ecocardiografiei Doppler Tisular. *Revista Romana de Cardiologie* 2006; XXI (suplimentul A): A73
11. Popescu I, Ionac A, **Mornos C**, Cozma D, Dragulescu D, Petrescu L, Ionescu G, SI Dragulescu. Rolul strain-ului longitudinal global in identificarea pacientilor cu afectare coronariana severa. *Revista Romana de Cardiologie* 2009; XXIV (suplimentul A): A35
12. D Cozma, D Popa, **C Mornos**, Petrescu L, D Maximov, SI Dragulescu. Volumul trunchiului de con pentru evaluarea remodelarii anatomice si a dilatarii atriului stang. *Revista Romana de*

Cardiologie 2007; XXII (suplimentul A): A245

13. D Cozma, S Pescariu, D Lighezan, CT Luca, A Ionac, D Dragulescu, **C Mornos**, G Ivanică, D Popa, C Blaj, D Maximov, SI Drăgulescu. Evaluation of intraventricular resynchronization in patients with multisite pacing using tissue doppler timing parameters. *Revista Romana de Cardiologie* 2003; XVIII: 25

14. A Ionac, S Pescariu, D Maximov, B Mut, **C Mornos**, I Socoteanu, SI Drăgulescu. Morphology of mitral leaflets in severe mitral regurgitation. Echocardiographic study. *Revista Romana de Cardiologie* 2003; XVIII: 67

15 Ionac A, Pescariu S, **Mornos C**, Dragulescu A, Maximov D, Cozma D, Dragulescu SI. Ecocardiografia tridimensională: o tehnica superioară pentru evaluarea mecanismului regurgitarii mitrale. *Revista Romana de Cardiologie* 2004; XIX (3): 21

16. Cozma D, Pescariu S, Luca CT, Ionac A, **Mornoș C**, Drăgulescu A, Lighezan D, Drăgulescu ȘI. Indexul cardiac global: indicator global al desincronizării ventriculare la pacienții cu cardiomiopatie dilatativă: un studiu de ecocardiografie în mod M și Doppler tisular. *Revista Romana de Cardiologie* 2004; XIX (3): 260

17. DC Cozma, **C Mornos**, S Pescariu, CT Luca, D Lighezan, A Bokor, SI Dragulescu. Conducerea interatrială decrementală și markerii de stretch atrial la pacienții cu episoade de tahicardie joncțională și fibrilație atrială paroxistică pe cord structural normal; *Revista Romana de Cardiologie* 2005; XX (suplimentul A): A41

18. Cozma DC, **Mornos C**, Ionac A, Pescariu S, Luca CT, Lighezan D, Bokor A, SI Dragulescu. Semnificația global myocardial index și profilul variației de volum în contur automat al ventriculului stâng pentru evaluarea desincronizării în cardiomiopatia dilatativă. *Revista Romana de Cardiologie* 2005; XX (suplimentul A): A7

19. A Ionac, S Pescariu, **C Mornos** , D Dragulescu, M Gaspar, SI Dragulescu. Evaluarea leziunilor aparatului valvular mitral secundare endocarditei infectioase. Studiu ecocardiografic tridimensional. *Revista Romana de Cardiologie* 2005; XX (suplimentul A): A18

20. A Ionac, S Pescariu, **C Mornos**, A Dragulescu, M Gaspar, SI Dragulescu. Utilitatea reconstrucției tridimensionale ecocardiografice transesofagiene în evaluarea defectului septal interatrial la adult. *Revista Romana de Cardiologie* 2005; XX (suplimentul A): A86

21. A Ionac, **C Mornos**, S Pescariu, I Popescu, D Dragulescu, SI Dragulescu. Analiza morfologica a aparatului valvular mitral pentru a identifica mecanismul regurgitarii mitrale. *Revista Romana de Cardiologie* 2006; XXI (suplimentul A): A104
22. Cozma D, **Mornos C**, Petrescu L, Pescariu S, Lighezan D, Dragulescu SI. Susceptibilitatea la vulnerabilitate vs. Vulnerabilitatea la fibrilatia atriala pentru caracterizarea remodelarii electrice atriale. *Revista Romana de Cardiologie* 2006; XXI (suplimentul A): A138
23. Cozma D, **Mornos C**, Petrescu L, A Ionac, Lighezan D, Dragulescu SI. Valoarea limita a suprafetei atriale stangi pentru estimarea formei trapezoidale in caracterizarea remodelarii anatomice atriale. *Revista Romana de Cardiologie* 2006; XXI (suplimentul A): A208
24. I. Popescu, S. Mancaș, **C. Mornos**, I. Șerbescu, G. Ionescu, A. Ionac. Evaluarea funcției sistolice și diastolice a ventriculului stâng la un grup de sportivi de performanță (lot rugby) cu ajutorul ecocardiografiei tridimensionale și Speckle Tracking. *Revista Romana de Cardiologie* 2013; 23 (suplimentul B): B128

d) Alte contributii stiintifice (sub formă de comunicări orale sau postere):

1. **C Mornos**, D Cozma, D Dragulescu, A Ionac, A Mornos, L Petrescu. Additive value of twist to global longitudinal left ventricular strain in the early detection of anthracycline-mediated cardiotoxicity. *ESC Congress 2012*, Munchen, Germania, *prezentare orală*.
2. **C. Mornos**, L. Petrescu, D. Cozma, A. Mornos, S. Pescariu, D. Dragulescu, A. Ionac. Prognostic value of global longitudinal strain assessed by 2D-strain imaging in patients with heart failure. *ESC Congress 2012*, Munchen, Germania, *prezentare poster*
3. **C. Mornos**, L. Petrescu, D. Cozma, S. Pescariu, A. Mornos, D. Dragulescu, A. Ionac. The role of cardiac biomarkers, conventional echocardiography and tissue Doppler imaging in early detection of future doxorubicin-induced cardiotoxicity. *ESC Congress 2012*, Munchen, Germania, *prezentare poster*
4. **C. Mornos**, A. Ionac, D. Cozma, A. Mornos, S. Pescariu, S. Petrescu. The value of left ventricular global longitudinal strain assessed by three-dimensional strain imaging in the early detection of anthracycline-mediated cardiotoxicity. *ESC Congress 2012*, Munchen, Germania, *prezentare orală*.

5. **C Mornos**, R Dan, A Mornos, A Ionac, D Cozma, S Pescariu, L Petrescu. The prognostic value of a new tissue Doppler parameter in patients hospitalized with acute decompensated heart failure. *Prezentare orală* la Acute Cardiac Care 2012, Istanbul, Turcia, 20-22 octombrie 2012.
6. **C Mornos**, A Ionac, R Dan, D Cozma, A Mornos, L Petrescu, S Pescariu. A new tissue Doppler parameter in predicting future development of atrial fibrillation in patients hospitalized with acute decompensated heart failure. *Prezentare poster moderat* la Acute Cardiac Care 2012, Istanbul, Turcia, 20-22 octombrie 2012.
7. **C Mornos**, A Ionac, A Mornos, M Valcovici, D Cozma, S Pescariu, L Petrescu. The value of cardiac biomarkers, conventional echocardiography and tissue Doppler imaging in early prediction of future cardiotoxicity induced by doxorubicin. *Prezentare poster* la Acute Cardiac Care 2012, Istanbul, Turcia, 20-22 octombrie 2012.
8. **C Mornos**. Rolul ecocardiografiei în evaluarea pacienților cu tratament oncologic cardiotoxic: noi orizonturi. *Congresul National de Cardiologie*, 4 – 6 octombrie 2012, Sinaia, Romania, *prezentare orală*.
9. **C Mornos**, D Cozma, A Mornos, L Petrescu, M Valcovici, A Ionac. Speckle tracking echocardiography in the early detection of anthracycline-induced cardiotoxicity. *Heart Failure* 2012, Belgrad, Serbia, *prezentare poster*.
10. **C Mornos**, L Petrescu, R Dan, A Mornos, D Cozma, A Ionac, M Valcovici, SI Dragulescu. The utility of cardiac biomarkers, conventional echocardiography and tissue Doppler imaging in early detection of future doxorubicin-induced cardiotoxicity. *Heart Failure* 2012, Belgrad, Serbia, *prezentare poster*.
11. **C Mornos**, R Dan, D Dragulescu, D Cozma, S Pescariu, A Ionac. A new tissue Doppler parameter in predicting future development of cardiac events in patients with non-revascularized coronary artery disease. *Heart Failure* 2012, Belgrad, Serbia, *prezentare poster*.
12. **C Mornos**, M Valcovici, R Dan, A Mornos, D Cozma, A Ionac, S Pescariu. The value of left ventricular tridimensional global longitudinal strain in the early detection of anthracycline-mediated cardiotoxicity. *Heart Failure* 2012, Belgrad, Serbia, *prezentare poster*.
13. **C Mornos**, L Petrescu, A Ionac, D Cozma, A Mornos. Prognostic value of left ventricular global longitudinal strain in patients with left ventricular dysfunction. *EuroPrevent* 2012, Dublin, Irlanda, *prezentare poster*.

14. **C Mornos**, L Petrescu, D Gaita, A Mornos, S Pescariu. A new index in predicting future development of atrial fibrillation in patients with heart failure. *EuroPrevent* 2012, Dublin, Irlanda, prezentare poster.
15. **C Mornos**, D Cozma, L Petrescu, A Mornos, D Gaita. The prognostic value of a new tissue Doppler parameter in patients with heart failure. *EuroPrevent* 2012, Dublin, Irlanda, prezentare poster.
16. **C. Mornos**, D. Cozma, A. Ionac, L. Petrescu, S. Pescariu, A. Mornos, I Popescu, SI. Dragulescu. Rolul prognostic al unui nou parametru Doppler tisular la pacientii cu insuficienta cardiaca. Al 50-lea Congres National de Cardiologie, 29 septembrie - 1 octombrie 2011, Sinaia, Romania, *prezentare orală*.
17. **C Mornos**, D Cozma, A Mornos, L Petrescu, D Gaita, S Pescariu. Could E/(EaxSa) Predict Atrial Fibrillation in Patients With Coronary Artery Disease? A Prospective Study. *EuroPrevent* 2011, Geneva, Switzerland, 14-16 april 2011, prezentare poster.
18. **C Mornos**, A Ionac, L Petrescu, D Gaita. Could left atrial volume/left ventricular end-diastolic volume ratio predict the failure in conversion or maintenance of sinus rhythm in patients with persistent atrial fibrillation? *EuroPrevent* 2011, Geneva, Switzerland, 14-16 april 2011, prezentare poster.
19. **C Mornos**, D Cozma, A Ionac, L Petrescu, S Pescariu. Prognostic value of a novel index combining diastolic and systolic tissue Doppler parameters in patients with left ventricular dysfunction. *EuroPrevent* 2011, Geneva, Switzerland, 14-16 april 2011, prezentare poster.
20. **C. Mornos**, D. Cozma, R. Dan, A. Ionac, D. Dragulescu, A. Mornos, L. Petrescu. Prognostic value of a novel Tissue Doppler index in patients with non-revascularized coronary artery disease. *Heart Failure Congress* 2011, 21 - 24 May 2011, Gothenburg, Sweden, prezentare poster.
21. **C. Mornos**, A Ionac, R. Dan, D. Cozma, A. Mornos, L. Petrescu. Could E/(E'xS') predict cardiac death in patients with heart failure? *Heart Failure Congress* 2011, 21-24 May 2011, Gothenburg, Sweden, prezentare poster.
22. DC. Cozma, L. Petrescu, **C. Mornos**, D. Lighezan, C. Tutuianu, SI. Dragulescu. The role of premature ventricular contraction burden and ventricular coupling interval to the initial mechanism of heart failure progression. *Heart Failure Congress* 2011, 21-24 May 2011, Gothenburg, Sweden, prezentare poster.

23. S Pescariu, D Brie, A Dumitrescu, R Sosdean, A Ionac, **C Mornos**, ST Dragulescu. Is cardiac resynchronization therapy useful in patients with end-stage heart failure patients inotrope-supported? *Heart Failure Congress 2011*, 21-24 May 2011, Gothenburg, Sweden, prezentare poster.
24. **C Mornos**, L Petrescu, A Ionac, R Dan, A Mornos, S Pescariu. The impact of cardiac dyssynchrony on speckle tracking parameters in heart failure complicating ischemic cardiomyopathy. *Heart Failure Congress 2011*, 21-24 May 2011, Gothenburg, Sweden, prezentare poster.
25. **C Mornos**, M Nicolin, A Ionac, A Mornos, S Pescariu, SI Dragulescu. The value of global myocardial index to detect cardiac dyssynchrony in patients with non-ischemic dilated cardiomyopathy. *Heart Failure Congress 2011*, 21-24 May 2011, Gothenburg, Sweden, prezentare poster.
26. **C Mornos**, A Ionac, D Cozma, D Dragulescu, A Mornos, L Petrescu, L Pescariu. Prediction of atrial fibrillation in patients with heart failure using a new tissue Doppler index. *EHRA EUROPACE 2011*, 26-29 Jun 2011, Madrid, Spain, prezentare poster.
27. **C Mornos**, L Petrescu, A Ionac, S Pescariu, D Cozma, A Mornos, SI Dragulescu. The prognostic value of a new tissue Doppler parameter in patients with heart failure. *ESC Congress 2011*, Paris Nord Villepinte, France, 27 / 31 august 2011, prezentare poster.
28. **C Mornos**, A Ionac, D Cozma, L Petrescu, D Dragulescu, A Mornos, S Pescariu. A novel Tissue Doppler parameter predict cardiac death in patients with heart failure. *ESC Congress 2011*, Paris Nord Villepinte, France, 27 / 31 august 2011, prezentare poster.
29. **C Mornos**, A Ionac, S Pescariu, D Cozma, A Mornos, SI Dragulescu. The influence of cardiac dyssynchrony on 2D-strain parameters in patients with non-ischemic heart failure with reduced ejection fraction. *EUROECHO & other Imaging Modalities 2011*, Budapest, Hungary, 7-10 december, prezentare poster.
30. **C Mornos**, A Ionac, L Petrescu, D Cozma, D Dragulescu, A Mornos, S Pescariu. Prognostic value of left ventricular global longitudinal strain in patients with heart failure. *EUROECHO & other Imaging Modalities 2011*, Budapest, Hungary, 7-10 december, prezentare poster.
31. **C Mornos**, A Ionac, D Cozma, L Petrescu, A Mornos, S Pescariu, SI Dragulescu. A new tissue Doppler parameter in predicting future development of atrial fibrillation in patients with

left ventricular dysfunction. *EUROECHO & other Imaging Modalities 2011*, Budapest, Hungary, 7-10 december, *prezentare poster moderat*.

32. **C Mornos**, D Cozma, A Ionac, S Pescariu, L Petrescu, A Mornos, SI Dragulescu. Prognostic value of a new Tissue Doppler index in patients with non-revascularized coronary artery disease. *EUROECHO & other Imaging Modalities 2011*, Budapest, Hungary, 7-10 december, *prezentare poster moderat*.

33. **C. Mornos**, A. Ionac, D. Cozma, L. Petrescu, S. Pescariu, A. Mornos, I Popescu, G. Ionescu, SI. Dragulescu. Valoarea unui nou parametru speckle tracking ce include strainul longitudinal global si torsiunea ventriculului stang in evaluarea pacientilor cu disfunctie sistolica. Al 50-lea Congres National de Cardiologie, 29 septembrie - 1 octombrie 2011, Sinaia, Romania, *prezentare poster*.

34. **C Mornos**. The influence of left bundle branch-block on 2D-strain parameters in patients with heart failure complicating coronary artery disease. *EUROECHO 2010 - Annual Meeting of the European Association of Echocardiography*, Copenhagen, Denmark, 8-11 December 2010, *prezentare orala*.

35. **C Mornos**, D Cozma, A Ionac, L Petrescu, A Mornos, S Pescariu. The impact of cardiac dyssynchrony on 2D-strain parameters in patients with heart failure complicating ischemic cardiomyopathy. *EHRA EUROPACE 2011*, 26-29 Jun 2011, Madrid, Spain, *prezentare poster*.

36. **C Mornos**, D Cozma, A Ionac, I Popescu, L Petrescu, S Pescariu, SI Dragulescu. Rolul prognostic al raportului $E/(E' \times S')$ la pacientii cu disfunctie ventriculara stânga. Al 49-lea Congres National de Cardiologie, 7-9 octombrie 2010, Sinaia, Romania, *prezentare orala*.

37. **C. Mornos**, L. Petrescu, R. Dan, A. Ionac, D. Cozma, S. Pescariu. Lateral, medial, average or maximal tissue doppler velocities for the estimation of left ventricular filling pressure in patients with intermediate E/Ea? P528 *Heart Failure Congress 2010*, Berlin 29 may-1 June 2010, *prezentare poster*.

38. **C. Mornos**, L. Petrescu, R. Dan, D. Cozma, A. Ionac, S.I. Dragulescu. $E/(Ea \times Sa)$ in prediction of atrial fibrillation in patients with left ventricular dysfunction: a prospective study. P1309 *Heart Failure Congress 2010*, Berlin 29 may-1 June 2010, *prezentare poster*.

39. **C. Mornos**, I. Zacharopoulou, N. Kouremenos, D. Dragulescu, S. Pescariu, S.I. Dragulescu. The relationship between the time interval difference of isovolumic relaxation and NTproBNP

levels in patients with intermediate E/Ea ratio. P1336 *Heart Failure Congress 2010*, Berlin 29 may-1 June 2010, prezentare poster.

40. **C. Mornos**, L. Petrescu, R. Dan, D. Cozma, A. Ionac, S. Pescariu. The influence of left bundle branch-block on 2D-strain parameters in patients with heart failure with reduced ejection fraction P354 *Heart Failure Congress 2010*, Berlin 29 may-1 June 2010, prezentare poster.

41. DC Cozma, **C Mornos**, L Petrescu, D Lighezan, D Gaita, SI Dragulescu. Left atrial size and shape in athletes heart vs essential hypertension vs hypertrophic cardiomyopathy. *European Society of Cardiology Congress 2010*, 28 august – 1 septembrie 2010, Stockholm, Suedia, prezentare poster.

42. **C Mornos**, D Rusinaru, L Petrescu, D Cozma, A Ionac, S Pescariu, SI Dragulescu. The additive value of torsion to global longitudinal left ventricular strain in patients with dilated cardiomyopathy. *EUROECHO 2010* - Annual Meeting of the European Association of Echocardiography, Copenhagen, Denmark, 8-11 December 2010, prezentare poster.

43. **C Mornos**, D Cozma, D Rusinaru, A Ionac, S Pescariu, SI Dragulescu. Prognostic value of a novel Tissue Doppler index in patients with left ventricular dysfunction. *EUROECHO 2010* - Annual Meeting of the European Association of Echocardiography, Copenhagen, Denmark, 8-11 December 2010, prezentare poster.

44. **C Mornos**, D Rusinaru, D Cozma, A Ionac, L Petrescu. The additive value of torsion to global longitudinal left ventricular strain in patients with systolic dysfunction. A pilot study. *EUROECHO 2010* - Annual Meeting of the European Association of Echocardiography, Copenhagen, Denmark, 8-11 December 2010, prezentare poster.

45. **C. Mornos**, D. Cozma, S. Pescariu, S.I. Dragulescu. Left atrial volume/left ventricular end-diastolic volume as predictor of failure in conversion or maintenance of sinus rhythm within 3 months in patients with persistent atrial fibrillation. *Acute Cardiac Care 2010* - 4th Official Congress of the Working Group on Acute Cardiac Care, Copenhagen, Denmark, 16-19 october 2010, prezentare poster.

46. **C Mornos**, L Petrescu, D Dragulescu, A Ionac. E/(Ea·Sa) in prediction of atrial fibrillation in patients with coronary artery disease: a prospective study. *Acute Cardiac Care 2010* - 4th Official Congress of the Working Group on Acute Cardiac Care, Copenhagen, Denmark, 16-19 october 2010, prezentare poster.

47. **C. Mornos**, Adina Ionac, D. Cozma, Irina Popescu, L. Petrescu, S. Pescariu, ST. I. Dragulescu. Influenta blocului major de ramura stânga asupra parametrilor speckle tracking la pacientii cu insuficienta cardiaca cu fractie de ejectie scazuta. Al 49-lea Congres National de Cardiologie, 7-9 octombrie 2010, Sinaia, Romania, prezentare poster.
48. **C Mornos**. A new global tissue Doppler index: correlation with left ventricular end-diastolic pressure in patients with severe mitral regurgitation. The *European Society of Cardiology Congress 2009*, Barcelona, Spania, 29 august – 2 septembrie 2009, *prezentare orală*.
49. **C Mornos**. Corelatia dintre un nou indice ecocardiografic si presiunea telediastolica intraventriculara stanga la pacientii cu regurgitare mitrala severa. Al 48-lea Congres National de Cardiologie, septembrie 2009, Sinaia, Romania, *prezentare orală*.
50. **C Mornos**, A Ionac, D Cozma, L Petrescu, SI Dragulescu. The role of 2D-strain imaging in the evaluation of the left ventricular function in patients with dilated cardiomyopathy. *EUROECHO 2009*; Madrid, Spania, 9-12 decembrie 2009, *prezentare orală*.
51. **Mornos C**. O etiologie mai rara de insuficienta cardiaca. Prezentare de caz. Cursul „ECOU – Evaluarea functiei ventriculare: ce poate oferi ecocardiografia?” Timisoara, Romania, 11-12 iunie 2009, *prezentare orală*.
52. **C Mornos**. Prezentare de caz – Care este diagnosticul Dvs? Sesiunea Eco “Blitz” a *Grupului de Lucru de Ecocardiografie*, Brasov, 8 mai 2009, *prezentare orală*.
53. **C Mornos**. Pacientul cu infarct miocardic acut – o problema? *Conferinta Nationala de Medicina de Familie*, Bucuresti, Romania, 29-31 octombrie 2009, *prezentare orală*.
54. **C Mornos**, D Cozma, A Ionac, L Petrescu, SI Dragulescu. Prognostic value of E/(EaxSa) ratio in patients with left ventricular dysfunction. *EUROECHO 2009*; Madrid, Spania, 9-12 decembrie 2009, prezentare poster.
55. **C Mornos**, D Cozma, A Ionac, L Petrescu, SI Dragulescu. Lateral, medial, average or maximal tissue Doppler velocities for the estimation of NTproBNP levels in patients with left ventricular dysfunction? *EUROECHO 2009*; Madrid, Spania, 9-12 decembrie 2009, prezentare poster.
56. **C Mornos**, A Ionac, D Cozma, SI Dragulescu. The impact of pulmonary arterial hypertension on left ventricular torsion assessed by 2D-strain Echocardiography. *EUROECHO 2009*; Madrid, Spania, 9-12 decembrie 2009, prezentare poster.

57. DC Cozma, **C Mornos**, L Petrescu, D Lighezan, D Gaita, SI Dragulescu . Diastolic asynchrony in heart failure: which patients? *The European Society of Cardiology Congress* 29 august – 2 septembrie 2009, Barcelona, Spania, prezentare poster.
58. **Mornos C.** Cardiomiopatia restrictiva. Prezentare de caz. *EUROSON 2008*, 31 may -3 June 2008, Timisoara, Romania, *prezentare orală*.
59. **C Mornos**, A Ionac, D Cozma, A Lupu, D Maximov, D Popa, SI Dragulescu. The relationship between echocardiographic parameters and plasma N-terminal pro-brain natruretic peptides levels in patients with dilated cardiomyopathy. *EUROSON 2008*, 31 may -3 June 2008, Timisoara, Romania, *prezentare orală*.
60. **C Mornos**, D Cozma, A Ionac, D Rusinaru, D Maximov, A Mornos, D Popa, SI Dragulescu. Lateral, medial or average tissue Doppler velocities for the non-invasive assessment of left ventricular filling pressures in patients with dilated cardiomyopathy? *Heart Failure 2008 Congress*, Milan, 14-17 June 2008, prezentare poster.
61. **C Mornos**, A Ionac, D Rusinaru, D Cozma, D Maximov, A Mornos, L Petrescu, D Popa, SI Dragulescu. Tissue Doppler Imaging: a reliable method for estimation of the left ventricular end-diastolic pressure in patients with chronic heart failure. *Heart Failure 2008 Congress*, Milan, 14-17 June 2008, prezentare poster.
62. **C Mornos**, A Ionac, D Rusinaru, D Cozma, D Maximov, A Mornos, C Sarau, SI Dragulescu. A novel index combining diastolic and systolic Tissue Doppler parameters: correlation with NTproBNP levels in patients with left ventricular dysfunction. *Heart Failure 2008 Congress*, Milan, 14-17 June 2008, prezentare poster.
63. **C Mornos**, A Ionac, D Cozma, D Rusinaru, A Mornos, D Popa, D Maximov, SI Dragulescu. Use of NTproBNP level and its comparison with Tissue Doppler velocities in the non-invasive assessment of left ventricular end-diastolic pressure in patients with intermediate E/Ea ratio. *Acute Cardiac Care*, Versailles, France, 25-28 octobree 2008, prezentare poster.
64. **C Mornos**, D Cozma, A Ionac,. D Rusinaru, L Petrescu, A Mornos, A Lupu, SI Dragulescu. Global myocardial index: correlation with NTproBNP levels in patients with dilated cardiomyopathy and acute dispnea. *Acute Cardiac Care*, Versailles, France, 25-28 octobree 2008, prezentare poster.
65. Cozma D, Pescariu S, Petrescu L, Kigyosi A, Gaita D, **Mornos C**, Lighezan D, Dragulescu SI. Left Atrial Remodeling: Shape and Area Cutoff Value to Detect Vulnerability to Atrial

Fibrillation. *Cardiostim 2008 - 16th World Congress in Cardiac Electrophysiology and Cardiac Techniques*, June 18-21, Nice Acropolis, France, prezentare poster.

66. **Mornos C.** Estimation of left ventricular filling pressure using Doppler echocardiography in patients with intermediate E/Ea. *Young Investigators' Awards - Euroecho 2007* ; Lisabon 5-8 december 2007, *prezentare orală*.

67. **Mornos C.** Rolul ecocardiografiei Doppler tisular in evaluarea nivelului NTproBNP seric in cardiomiopatia dilatativa. *Al 46-lea Congres National de Cardiologie*, Sinaia, septembrie 2007, *prezentare orală*.

68. Cozma D, Pescariu S, Petrescu L, Luca CT, **Mornos C**, Lighezan D, Dragulescu SI. Global myocardial index relation with automatic border detection pattern of left ventricle for biventricular pacing. *Cardiostim 2006*, Nice, 14-17 June 2006, prezentare poster.

69. **Mornos C**, Ionac A, Cozma D, D. Dragulescu, D Maximov, A Dragulescu, Dragulescu SI. Rolul ecocardiografiei transtoracice in estimarea nivelului NTproBNP seric. *Al XXI-lea Simpozion National de Ecocardiografie*, Bucuresti, mai 2006, prezentare poster.

70. Cozma D, **Mornos C**, Ionac A, Petrescu L, D. Dragulescu, Stoica L, Dragulescu SI. Valoarea tinta a suprafetei atriale stangi pentru estimarea formei trapezoidale in estimarea remodelarii cardiace atriale. *Al XXI-lea Simpozion National de Ecocardiografie*, Bucuresti, mai 2006, prezentare poster.

71. Ionac A, **Mornos C**, Pescariu S, A. Dragulescu, Cozma D, I Popescu, Dragulescu SI. Evaluarea ecocardiografica tridimensionala a prolapsului de valva mitrala la pacientii cu regurgitare mitrala severa. *Al XXI-lea Simpozion National de Ecocardiografie*, Bucuresti, mai 2006, prezentare poster.

72. A Ionac, B Mut, A Dragulescu, **C Mornos**, D Cozma, D Maximov, SI Dragulescu. Ecocardiografia tridimensionala in practica clinica. Experienta de un an intr-un centru clinic. *Al XIX-lea Simpozion National de Ecocardiografie*, Bucuresti, 28-29 Mai 2004, prezentare poster.

73. A Ionac, S Pescariu, **C Mornos**, A Dragulescu, D Cozma, SI Dragulescu. Evaluarea regurgitarii mitrale paravalvulare. Studiu ecocardiografic. *Al XIX-lea Simpozion National de Ecocardiografie*, Bucuresti, 28-29 Mai 2004, prezentare poster.

74. D Cozma, S Pescariu, A Ionac, A Dragulescu, **C Mornos**, SI Dragulescu. Validarea parametrilor de timing mod M utilizind parametri Doppler tisular in evaluarea desincronizarii la

pacientii cu cariomiopatie dilatativa. Al XIX-lea Simpozion National de Ecocardiografie, Bucuresti, 28-29 Mai 2004, prezentare poster.

75. **C Mornoș**. Cât de sever poate evolua o ocluzie izolată de arteră coronară dreaptă ?

Cazuri clinice dificile in cardiologia de urgenta. Curs organizat de catre Societatea Romana de Cardiologie si Grupul de Lucru de Cardiologie de Urgenta. Timisoara, 25 octomrie 2013. *Prezentare orala.*

76. **Mornos C**. The value of a new tissue Doppler parameter to predict cardiac death in patients with heart failure. *EUROECHO & other Imaging Modalities Congress 2012*, Atena, Grecia. *Prezentare orala.*

77. **Mornos C**. Afectarea cardiovasculara in maladii sistemice - Boli neoplazice. Al 52-lea *Congres National de Cardiologie*, 3-5 octombrie 2013, Sinaia, Romania. *Prezentare orala.*

78. I. Popescu, S. Mancaș, **C. Mornos**, I. Șerbescu, G. Ionescu, A. Ionac. Evaluarea funcției sistolice și diastolice a ventriculului stâng la un grup de sportivi de performanță (lot rugby) cu ajutorul ecocardiografiei tridimensionale și Speckle Tracking. Al 52-lea *Congres National de Cardiologie*, 3-5 octombrie 2013, Sinaia, Romania. *Prezentare poster.*

79. **Mornos C**. Evaluation of diastolic function. 23rd *European Meeting on Hypertension and Cardiovascular Prevention* and 8th Post Congress Satellite Symposium „Hypertension and Concomitant Diseases”, 4-7 July 2013, Porto Heli, Greece. *Prezentare orala.*

80. I Popescu, S Mancas, **C Mornos**, I Serbescu, G Ionescu, A Ionac. Is there a correlation between systolic and diastolic left ventricular function in elite rugby players?: a two-dimensional and three-dimensional speckle tracking study. *EuroEcho-Imaging 2013*, 11-14 decembrie 2013, Istanbul, Turkey Istanbul, Turkey. *Prezentare poster.*

81. **C. Mornos**, A. Ionac, D. Cozma, I. Popescu, G. Ionescu, R. Dan, L. Petrescu. Left ventricular function recovery assessed by myocardial deformation analysis in patients with anterior ST-segment elevation myocardial infarction treated with thrombus aspiration. *EuroEcho-Imaging 2013*, 11-14 decembrie 2013, Istanbul, Turkey. *Prezentare poster.*

82. **Mornos C.**, Pascalau L., Brie D., Gavrilesu D., Gheorghiu M., Petrescu L. The utility of thrombus aspiration during primary PCI in anterior STEMI assessed by myocardial deformation analysis using tissue Doppler and tridimensional strain imaging. *EuroPCR 2013*, Paris, Franta. *Prezentare poster.*

83. **Mornos C.** Cazuri de ecocardiografie commentate. *Al 53-lea Congres National de Cardiologie*, 2-4 octombrie 2014, Sinaia, Romania. *Prezentare orală.*
84. **Mornos C.** Monoamino oxidaza (MAO) la nivel cardiac: O enzimă de caracter. *Al 53-lea Congres National de Cardiologie*, 2-4 octombrie 2014, Sinaia, Romania. *Prezentare orală.*
85. **Mornos C.** Revascularizarea la pacienții cu boală coronariană și comorbidități. *Al 53-lea Congres National de Cardiologie*, 2-4 octombrie 2014, Sinaia, Romania. *Prezentare orală.*
86. Enatescu VR, Papava I, Romosan R, Pescariu S, Enatescu V, Enatescu I, **Mornos C.** The echocardiographic correlations of type D personality in a romanian sample of coronary heart disease patients. *The XVI World Congress of the World Psychiatry Association*, 14-18 septembrie 2014, Madrid, Spania. *Prezentare orală.*
87. **Mornos C.** Imagistica în algoritmul de depistare precoce a afectării cardiovasculare – Cardiooncologie. *Al 54-lea Congres National de Cardiologie*, 17-19 septembrie 2015, Sinaia, Romania. *Prezentare orală.*
88. **Mornos C.** Imagistica cardiovasculară în camera de gardă. *Al 54-lea Congres National de Cardiologie*, 17-19 septembrie 2015, Sinaia, Romania. *Moderator.*
89. **Mornos C.** Sesiune organizatorică a Grupului de Lucru de Ecocardiografie și alte Metode Imagistice – Cazuri clinice comentate. *Al 54-lea Congres National de Cardiologie*, 17-19 septembrie 2015, Sinaia, Romania. *Moderator.*
90. Enatescu VR, Papava I, Romosan R, Enatescu I, Pescariu S, Munteanu R, Toader A, **Mornos C.** The Role of Type D Personality as a Risk Factor and The Psychopathologic Corelations of Severe Ischemic Disease in a Patient Sample from Timiș County. *WPA 2015 Bucharest International Congress on Primary Care Mental Health: Innovation and Transdisciplinarity*. 24-27 June 2015, Bucharest, Romania. *Prezentare orală.*
91. Enatescu VR, Enatescu I, Papava I, Romosan R, Pescariu S, Munteanu R, Toader A, **Mornos C.** The Prognostic Value of Type D Personality in a Romanian Sample of Patients with Coronary Heart Disease. *The 23rd European Congress of Psychiatry*, 28–31 March 2015, Viena, Austria. *Prezentare poster.*
92. A Văduva, R Lighezan, O Duicu, A Sturza, M Gaspar, H Feier, D Muntean, A Dema, **C Mornos.** Capcane în cuantificarea marcării cu diclorofluoresceină a preparatelor de țesut atrial uman. *Congresul Național al Societății Române de Fiziopatologie*, Iași, 7 – 10 mai 2015. *Prezentare poster.*

93. A Sturza, A Văduva, O Duicu, R Lighezan, R Balica, M Gaspar, H Feier, D Muntean, **C Mornos**. MAO mediază disfuncția endotelială la nivelul arterelor mamare izolate de la pacienți coronarieni. *Congresul Național al Societății Române de Fiziopatologie*, Iași, 7 – 10 mai 2015. Prezentare poster.
94. A Privistirescu, O Duicu, A Sturza, L Noveanu, A Ionac, M Gaspar, **C Mornos**, D Muntean, C Borza. Evaluarea stress-ului oxidativ la pacienții coronarieni cu și fără diabet zaharat. *Congresul Național al Societății Române de Fiziopatologie*, Iași, 7 – 10 mai 2015. Prezentare poster.
95. **C Mornos**. Imagistica în cardiomiopatii - Displazia aritmogena de ventricul drept. Curs organizat de către Grupul de Lucru de Ecocardiografie și Alte Metode Imagistice 13 martie 2015, București, Amfiteatrul Institutului Clinic Fundeni. *Prezentare orală*.
96. **C Mornos**. Ecocardiografia în cardiologia intervențională. Conferința Grupurilor de Lucru ale SRC – 7-9 mai 2015, Sibiu, România. *Prezentare orală*.
97. O.M. Duicu, R. Lighezan, A. Sturza, R. Balica, A. Vaduva, H. Feier, M. Gaspar, C. Borza, A. Ionac, **C. Mornos**, D.M. Muntean. Contribution of Monoamine Oxidases To Oxidative Stress in Coronary Patients With and Without Diabetes. *The 49th Annual Scientific Meeting of the European Society for Clinical Investigation* Cluj-Napoca, Romania 27 – 30 May 2015. Prezentare poster.
98. O. Duicu, R. Lighezan, A. Sturza, H. Feier, M. Gaspar, A. Ionac, A. Vaduva, L. Noveanu, C. Borza, D. Muntean, **C. Mornos**. Assessment of monoamine oxidases contribution to the mitochondrial dysfunction in human diabetic hearts. *Targeting Mitochondria World Congress*. Ritz-Carlton Hotel, Berlin, Germania, 30 - 31 octombrie 2014. Prezentare poster.
99. A. Vaduva, R. Lighezan, O. M. Duicu, A. Sturza, H. Feier, M. Gaspar, **C. Mornos**, D. M. Muntean. Assessment of oxidative stress and mitochondrial respiration in coronary patients with and without diabetes. The COST action for zinc biology. *1st Scientific Conference and 2nd management Committee meeting*. London UK , 3 noiembrie 2014. Prezentare poster.
100. OM Duicu, R Lighezan, A Sturza, R Balica, A Vaduva, H Feier, M Gaspar, C Borza, A Ionac, **C Mornos**, DM Muntean. Assessment of monoamine oxidases contribution to the cardiovascular dysfunction in human diabetic hearts. *2nd European Section Meeting of the International Academy of Cardiovascular Sciences "Heart Diseases: How New Research May Lead to New Treatments"*. 8-10 octombrie 2015, Belgrad, Serbia Prezentare poster.

101. O M Duicu; R Lighezan; R Balica; A Sturza; A Vaduva; H Feier; M Gaspar; C Borza; D Muntean; **C Mornos**. Assessment of mitochondrial dysfunction and monoamine oxidase contribution to oxidative stress in coronary patients with and without diabetes. *Heart Failure 2015*, 23-26 May, Seville, Spain. Presentare poster.
102. A Sturza; O Duicu; R Lighezan; R Balica; A Vaduva; H Feier; M Gaspar; C Borza; D Muntean; **C Mornos**. Monoamine oxidase inhibition improves vascular function in diseased human mammary arteries. *Heart Failure 2015*, 23-26 May, Seville, Spain. Presentare poster.
103. A Sturza, O Duicu, R Lighezan, R Balica, A Vaduva, H Feier, M Gaspar, C Borza, D Muntean, **C Mornos**. Inhibition of monoamine oxidase restores normal vascular function in diseased human mammary arteries isolated from patients undergoing heart surgery. *European Section Meeting of the International Academy of Cardiovascular Sciences "Heart Diseases: How New Research May Lead to New Treatments"*. 8-10 octombrie 2015, Belgrad, Serbia. Lucrare premiată cu Premiul al III-lea - Poster Award Session. Presentare poster.
104. A. Sturza, O.M. Duicu, R. Lighezan, L. Noveanu, A. Vaduva, H. Feier, M Gaspar, C. Borza, A. Ionac, D.M. Muntean, **C. Mornos**. Monoamine oxidase inhibition improves endothelium-dependent relaxation in diseased human mammary arteries. *The 49th Annual Scientific Meeting of the European Society for Clinical Investigation* Cluj-Napoca, Romania 27 – 30 May 2015. *Prezentare orală*
105. **C Mornoș**. Imagistica in cardiomiopatii - Displazia aritmogena de ventricul drept. Curs organizat de catre Grupul de Lucru de Ecocardiografie si Alte Metode Imagistice, 16 octombrie 2015, Iași, Hotel Unirea, *Prezentare orală*
106. **C Mornoș**. Imagistica in cardiomiopatii - Cardiotoxicitatea terapiilor oncologice. Curs organizat de catre Grupul de Lucru de Ecocardiografie si Alte Metode Imagistice, 16 octombrie 2015, Iași, Hotel Unirea, *Prezentare orală*
107. **C.Mornoș**. Tratamentul intervențional al sindromului coronarian acut. Al 13-lea Congres Național al Federației Române de Diabet, Nutriție, Boli Metabolice, 4-6 Noiembrie 2015. Timișoara, *Prezentare orală*
108. **C Mornoș**. Imagistica in cardiomiopatii – Displazia aritmogena de ventricul drept. Curs organizat de catre Grupul de Lucru de Ecocardiografie si Alte Metode Imagistice, 11 martie 2016, Timisoara, UMF Timisoara, *Prezentare orală*

109. **C Mornoș.** Cardiooncologie - Congresul National de Medicina Interna, 6-9 aprilie 2016, Calimanesti, Romania, *Prezentare orală*
110. **C Mornos.** Imaging in cardiomyopathies - "Basic knowledge in advanced echo techniques" Course organized by the EACVI Heart Imagers of Tomorrow and the Working Group of echocardiography and other Imaging modalities of the Romanian Society of Cardiology, Endorsed by the European Association of Cardiovascular Imaging, Sinaia, Romania, September 25, 2016, *Prezentare orală*
111. **C Mornos.** Situații speciale în ecocardiografie - Ecocardiografia intraoperatorie. Curs organizat de GL de Ecocardiografie si alte Metode Imagistice al SRC, Bucuresti, Romania, 28.10.2016, *Prezentare orală*
112. **C Mornos.** Dacă ceva poate să meargă prost, va merge prost. Când lucrurile par să nu se mai înrăutățească, ai răbdare ; se vor înrăutăți curând... Conferința Grupului de Lucru de Cardiologie de Urgenta al SRC, Timișoara, Romania, 4 noiembrie 2016, *Prezentare orală*
113. **C Mornos, L Petrescu, A Ionac, S Crisan, A Mornos, M Lazar, D Cozma.** A new tissue Doppler index to predict malignant ventricular arrhythmic events in patients with heart failure. Heart Failure 2016 and The 3rd World Congress on Acute Heart Failure, Florence, Italy, 21 - 24 May 2016- P484. *Prezentare poster.*
114. R Sosdean, R Macarie, B Enache, C Tutuianu, F Goanta, **C Mornos, A Ionac, S Pescariu.** Hyponatremia- possible factor in biventricular pacing abnormalities. Heart Failure 2016 and The 3rd World Congress on Acute Heart Failure, Florence, Italy, 21 - 24 May 2016. *Prezentare orală* - 1296.
115. **C Mornoș.** Imagistica in cardiomiopatii - Cardiotoxicitatea terapiilor oncologice. Curs organizat de catre Grupul de Lucru de Ecocardiografie si Alte Metode Imagistice, 11 martie 2016, Timisoara, UMF Timisoara, *Prezentare orală*
116. **C. Mornos, L. Petrescu, A. Ionac, A. Mornos, S. Urseanu, R. Sosdean, D. Cozma.** The risk stratification in patients with heart failure: the value of considering both global longitudinal left ventricular strain and mechanical dispersion. European Society of Cardiology Congress 2016, Rome, Italy, 27-31 august 2016, *Prezentare orală*
117. **C Mornos.** Pacientul oncologic. Al 55-lea Congres National de Cardiologie, Sinaia, Romania, 21-24 septembrie 2016. *Prezentare orală*

118. C. Văcărescu, E.V. Goanta, L. Petrescu, **C. Mornoș**, S. Crișan, M.A. Lazar, O. Patru, C.T. Luca, D. Cozma. Terapia de resincronizare cardiacă prin stimulare cu fuziune utilizând doar 2 sonde atriu drept/ventricul stâng la pacienții cu cardiomiopatie nonischemică și conducere atrioventriculară normală . Al 55-lea Congres National de Cardiologie, Sinaia, Romania, 21-24 septembrie 2016. *Prezentare poster*.
119. E. Goanță, L. Petrescu, **C. Mornoș**, C. Văcărescu, T. Ruhmann, O. Pătru, C. Luca, D. Cozma. Puncția directă percutanată de venă subclavie, fără incizie inițială pentru terapia de resincronizare cardiac. Al 55-lea Congres National de Cardiologie, Sinaia, Romania, 21-24 septembrie 2016. *Prezentare poster*.
120. E. Goanță, L. Petrescu, C. Luca, **C. Mornoș**, C. Văcărescu, O. Pătru, T. Ruhmann, D. Cozma. Reducerea expunerii la radiații și timpului de incizie la procedurile de implant utilizând puncția directă percutanată de venă subclaviculară. Al 55-lea Congres National de Cardiologie, Sinaia, Romania, 21-24 septembrie 2016. *Prezentare poster*.
121. **C Mornos**. Universul Cardiologiei. „Star wars”: Știința contraatacă. Al 55-lea Congres National de Cardiologie, Sinaia, Romania, 21-24 septembrie 2016. *Prezentare orală*
122. R. Șoșdean, I.R. Macarie, C. Țuțuianu, B. Enache, **C. Mornoș**, A. Ionac, S. Pescariu. Asistolă vasovagală prelungită, repetitivă la un pacient tânăr. Al 55-lea Congres National de Cardiologie, Sinaia, Romania, 21-24 septembrie 2016. *Prezentare poster*.
123. C. Văcărescu, L. Petrescu, A. Ionac, **C. Mornoș**, E.V. Goanță, S. Crișan, M.A. Lazăr, R. Dan, D. Cozma. Siguranța utilizării anticoagulantelor directe în conversia la ritm sinusal la pacienții cu dilatare severă de atriu stâng. Al 55-lea Congres National de Cardiologie, Sinaia, Romania, 21-24 septembrie 2016. *Prezentare poster moderat*.
124. **C Mornos**. Rolul imagisticii în decizii diagnostice și terapeutice - Comentariu imagistică în boala cardiacă ischemică. Al 55-lea Congres National de Cardiologie, Sinaia, Romania, 21-24 septembrie 2016. *Prezentare orală*
125. **C Mornos**. Coronary Microcirculation: the new objective in patients with STEMI? The first European Meeting on Coronary Microcirculation & Hypertension, Sinaia, Rimania, 17-18 February 2017. *Prezentare orală*.
126. **C Mornos**. Ecocardiografia intraoperatorie. Curs "Imagistica in ghidarea terapiilor cardiovasculare" organizat de GL de Ecocardiografie si alte Metode Imagistice al SRC, Bucuresti , Romania, 17 martie 2017. *Prezentare orală*.

127. **C Mornos.** Ecocardiografia intraoperatorie. Conferinta Nationala a Grupurilor de Lucru ale Societatii Romane de Cardiologie, 4-6 mai 2017, Sibiu, Romania. *Prezentare orală.*
128. **C Mornos.** A new 2D-strain index to improve cardiovascular risk stratification in heart failure with reduced and mid-range ejection fraction. Euroecho-Imaging 2016, Leipzig, Germany, 7-10 December 2016. *Prezentare orală.*
129. **C. Mornos.** Displazia aritmogena de ventricul drept. Al 56-lea Congres National de Cardiologie, Sinaia, Romania, 20-23 septembrie 2017. *Prezentare orală.*
130. **C. Mornos.** – membru panel. STEMI în România – programul național: între ideal și realitate. Al 56-lea Congres National de Cardiologie, Sinaia, Romania, 20-23 septembrie 2017.
131. **C. Mornos.** – moderator. Ecocardiografia pentru decizii terapeutice. Al 56-lea Congres National de Cardiologie, Sinaia, Romania, 20-23 septembrie 2017.
132. R. Șoșdean, B. Enache, R. Macarie, G. Doros, **C. Mornos**, A. Ionac, S. Pescariu. Stimulare endocardică pentru bloc atrioventricular total congenital la o pacientă în vârstă de 7 zile. Care sunt riscurile? Al 56-lea Congres National de Cardiologie, Sinaia, Romania, 20-23 septembrie 2017. *Prezentare poster.*
132. **C Mornos.** Proteze valvulare. Curs “Actualități în imagistica cardiovasculară: de la ghiduri la practică” organizat de catre Grupul de Lucru de Ecocardiografie si Alte Metode Imagistice 16 martie 2018, Bucuresti, Amfiteatrul Institutului Clinic Fundeni. *Prezentare orală.*
133. **C Mornos.** Trunchiul coronarei stângi: o provocare? Conferinta Nationala a Grupurilor de Lucru ale Societatii Romane de Cardiologie, 10-12 mai 2018, Sibiu, Romania. *Prezentare orală.*
134. **C Mornos.** Cele 10 comandamente principale in STEMI dupa ghidul ESC 2017. Conferinta Grupului de Lucru de Cardiologie de Urgenta. Timisoara, Romania, 30 martie 2018. *Prezentare orală.*
135. **C. Mornos** –Evaluarea protezelor valvulare. Curs “Actualități în imagistica cardiovasculară: de la ghiduri la practică” organizat de catre Grupul de Lucru de Ecocardiografie si Alte Metode Imagistice. Brasov, 26 octombrie 2018. *Prezentare orală.*
- 136. C. Mornos** – membru panel. Cazuri Clinice Comentate. Al 57-lea Congres National de Cardiologie, Sinaia, Romania, 19-22 septembrie 2018. *Prezentare orală.*
- 137. C. Mornos** –Workshop de ecocardiografie transesofagiana: Teorie si Hands on. Valva mitrala. Al 57-lea Congres National de Cardiologie, Sinaia, Romania, 19-22 septembrie 2018. *Prezentare orală.*

138.C. Mornos – Ecocardiografia in evaluarea valvulopatiilor: evaluarea protezelor valvulare. Al 57-lea Congres National de Cardiologie, Sinaia, Romania, 19-22 septembrie 2018. *Prezentare orală.*

139.R. Sosdean, F. Goanta, L. Maries, R.L. Ianos, I.R. Macarie, **C. Mornos**, A. Ionac, S. Pescariu. Severe tricuspid regurgitation induced by permanent pacing lead- imaging approach. Euroecho-Imaging 2018, Milano, Italia, 5-8 December 2018. *Prezentare poster.*

140. C Mornoș. Evaluarea multimodala a aortei. Curs “Imagistica multimodala in cardiologie - unde, cand, cum?” organizat de catre Grupul de Lucru de Ecocardiografie si Alte Metode Imagistice 19 aprilie 2018, Bucuresti, Amfiteatrul Institutului Clinic Fundeni. *Prezentare orală.*

141. C Mornos. Evaluarea de laborator a anticoagulării. Cardiocoag, Timisoara, Romania, 13 aprilie 2019. *Prezentare orală.*

e) Coordonare lucrări prezentate de studenti la manifestării stiintifice:

1. Ruxandra Julia Joikits, Cristian Mornos. Noninvasive visualization of coronary artery bypass grafts using 64-multislice computed tomography. The XII-th International Congress for medical students and young doctors, 22-24 May, 2008, Timisoara, Romania.

2. Corina Georgescu, Cristian Mornos. The relationship between a novel Tissue Doppler index and NTproBNP levels in patients with left ventricular dysfunction. The XII-th International Congress for medical students and young doctors, 22-24 May, 2008, Timisoara, Romania.

3. Ruxandra Julia Joikits, Corina Georgescu. Noninvasive visualization of coronary artery bypass grafts using 64-multislice computed tomography. Leiden International Medical Student Conference, 13-14 March 2009, Leiden, the Netherlands.

4. Corina Georgescu, Ruxandra Julia Joikits. The relationship between a novel Tissue Doppler index and NTproBNP levels in patients with left ventricular dysfunction. Leiden International Medical Student Conference, 13-14 March 2009, Leiden, the Netherlands.

5. Ruxandra Julia Joikits, Lavinia Ivanescu, Cristian Mornos. Left atrial appendage: assessment of thrombosis using strain echocardiography in patients with persistent nonvalvular atrial fibrillation. 9th International Congress of Young Medical Scientists, May 17 – 19, 2009, Poznan, Poland.

6. Ruxandra Julia Joikits, Cristian Mornos. Evaluarea non-invaziva a by-passurilor coronariene utilizind TCMS. Congresul National pentru studenti si tineri medici, 11-14 decembrie 2008, Bucuresti, Romania.

7. V Bobilca, N Thakur, H Parikh, S Mosteoru, B Preunca, R Ilie, C Mornos. The additive value of torsion to global longitudinal left ventricular strain in patients with systolic dysfunction. A pilot study. 21st European students conference – Promising medical scientists willing to look beyond; Charité – Universitätsmedizin Berlin 13 – 17 October 2010.

f) Îndrumător științific pentru lucrări de diplomă ale studenților:

1. Argyrakis Triantafillos: „Corelația dintre parametrii ecocardiografici Doppler tisular și presiunea intraventriculară stângă la pacienții cu insuficiență cardiacă”, UMF “Victor Babes” Timisoara, 2010.

2. Manoharan Karthik: „Rolul fracțiunii N-terminale a peptidului natriuretic cerebral în evaluarea pacientului cu disfuncție ventriculară stângă diastolică: studiu comparativ cu ecocardiografia transtoracică”, UMF “Victor Babes” Timisoara, 2009.

3. Viruzab Maria Mihaela: „Impactul clinic și paraclinic al hipertensiunii pulmonare arteriale la bolnavii cu funcție ventriculară stângă normală”, UMF “Victor Babes” Timisoara, 2009.

4. Stoica Bianca: “Rolul ecocardiografiei speckle tracking in evaluarea functiei ventriculului stang cu cardiomiopatie dilatativa”, UMF “Victor Babes” Timisoara, 2009.

5. Georgescu Corina: ”Rolul ecocardiografiei Doppler tisular in estimarea NTproBNP seric la pacienții aflați în ritm sinus: un studiu prospectiv”, UMF “Victor Babes” Timisoara, 2009.

6. Argyrakis Kyriakos: „Rolul rezonanței magnetice nucleare în evaluarea arterelor carotide: studiu comparativ cu angiografia invazivă cu substrație digitalică”, UMF “Victor Babes” Timisoara, 2009.

7. Joikits Julia Ruxandra: “Evaluarea neinvazivă a pacienților coronarieni utilizând tomografia computerizată multislice: studiu comparativ cu angiocoronarografia invazivă”, UMF “Victor Babes” Timisoara, 2009.

8. Mihiu Cristina Adriana: “Rolul ecocardiografiei speckle tracking in aprecierea functiei ventriculare stangi”, UMF “Victor Babes” Timisoara, 2012.

9. Avramoni Cristina-Ionela. “Utilizarea ecocardiografiei Doppler tisular pentru estimarea prognosticului pacientilor cu insuficienta cardiaca”. UMF “Victor Babes” Timisoara, 2013.10.

Cochera Flavia Viorica. “Ecocardiografia speckle tracking în evaluarea insuficienței cardiace”. UMF “Victor Babes” Timisoara, 2013.

11. Gourisaria Gourav. “Valoare prognostică a unui nou parametru Doppler tisular in evaluarea pacientilor cu insuficientă cardiacă”. UMF “Victor Babes” Timisoara, 2013.

12. Ghasil Amit Kumar. “Identificare precoce a cardiotoxicitatii induse de antracicline: rolul strain-ului global longitudinal si a twist-ului ventriculului stang”. UMF “Victor Babes” Timisoara, 2013.

13. Muhamed R. Atamna. “Role of echocardiography in aortic stenosis – prognostic value of $E/(E' \times S')$ ratio in patients with unoperated severe aortic stenosis”, UMF “Victor Babes” Timisoara, 2016

14. Madalina Miron. „Influența schimbărilor meteorologice asupra pacienților coronarieni”, UMF “Victor Babes” Timisoara, 2017

15. Indreiu Andrada Maria. “Rolul ecocardiografiei doppler tissular în aprecierea prognosticului la bolnavii cu stenoza aortică severă neoperată” , UMF “Victor Babes” Timisoara, 2017

16. Margau Elena Raluca Aurelia. “Rolul ecocardiografiei speckle tracking in aprecierea diagnosticului pacientilor cu insuficienta cardiac”, UMF “Victor Babes” Timisoara, 2017

17. Mancaș Ionu –Cozmin. “Impactul parametrilor meteorologici asupra incidentei sindromului coronarian acut” , UMF “Victor Babes” Timisoara, 2018

18. Fărcut Vlad-Filip. “Efectele acumulării de esut adipos pericardiac asupra patologiei cardiovasculare- o analiză sistematică” , UMF “Victor Babes” Timisoara, 2018

g) Referent al unor reviste stiintifice internationale cotate ISI:

Journal of Cardiovascular Medicine

Diabetes Research and Clinical Practice

Journal of Pharmacological and Toxicological Methods

International Journal of Cardiology

The Anatolian Journal of Cardiology

Experimental & Clinical Cardiology

Medical Ultrasonography

Scientific Reports

The Journal of Clinical Hypertension
Current Research: Cardiology
Echocardiography: A Journal of Cardiovascular Ultrasound and Allied
Techniques
Cardiology Journal

h) Referent al unei reviste stiintifice românesti peer-review:

Timisoara Medical Journal
Revista Romana de Cardiologie

i) Participare la trialuri internationale:

1. European Action on Secondary and Primary Prevention by Intervention to Reduce Events (EuroASPIRE III).
2. The Confirmatory Olmesartan Plaque Regression Study (CONFIRM).
3. Study assessing the morbidity–mortality benefits of the I_f inhibitor ivabradine in patients with coronary artery disease (SIGNI_fY).
4. The International Collaboration on Endocarditis (ICE).

j) Alte forme de recunoastere ale meritelor stiintifice:

1. Diploma de participare la *Young Investigators' Awards* cu lucrarea "Estimation of left ventricular filling pressure using Doppler echocardiography in patients with intermediate E/Ea", Euroecho 2007, Lisabona, Portugalia.
2. **High-scorer abstract** la EUROECHO & other Imaging Modalities Congress 2011, Budapesta, Ungaria pentru lucrarea "A new tissue Doppler parameter in predicting future development of atrial fibrillation in patients with left ventricular dysfunction".
3. **High-scorer abstract** la EUROECHO & other Imaging Modalities Congress 2011, Budapesta, Ungaria pentru lucrarea "Prognostic value of a new Tissue Doppler index in patients with non-revascularized coronary artery disease".

4. **Premierea rezultatelor cercetării CNCSIS 2009**, Etapa a IIa pentru articolul "A novel index combining diastolic and systolic Tissue Doppler parameters for the non-invasive assessment of left ventricular end-diastolic pressure. Int J Cardiol 2009; 136 (2):120-129"

5. **High-scorer abstract** la EUROECHO & other Imaging Modalities Congress 2012, Atena, Grecia pentru lucrarea "The value of a new tissue Doppler parameter to predict cardiac death in patients with heart failure".

6. **Senior Editor** (2015) Revista *Ecoforum*; ISSN Ecoforum (online) = ISSN 2248-3535 ISSN – L = 2248-3535

7. **Lucrare premiată cu Premiul al III-lea - Poster Award Session** in cadrul *European Section Meeting of the International Academy of Cardiovascular Sciences "Heart Diseases: How New Research May Lead to New Treatments"*, 8-10 octombrie 2015, Belgrad, Serbia, autori: A Sturza, O Duicu, R Lighezan, R Balica, A Vaduva, H Feier, M Gaspar, C Borza, D Muntean, C Mornos. Inhibition of monoamine oxidase restores normal vascular function in diseased human mammary arteries isolated from patients undergoing heart surgery. Lucrare publicată în volumul de rezumate al conferinței. Abstract book, p.144, ISBN 978-86-904799-8-6

8. Referent teze doctorat:

a. Dr. Monica Roșca - Impactul clinic al remodelării atrio-ventriculo-arteriale la pacienții cu cardiomiopatie hipertrofică, Universitatea de Medicină și Farmacie „Carol Davila” București, Ordinul rectorului 38343/15.12.2015

b. Dr. Enache Roxana - Evaluarea parametrilor de funcție ventriculară stângă la pacienții cu regurgitare aortică cronică severă cu fracție de ejeție a ventriculului stâng normală, Universitatea de Medicină și Farmacie „Carol Davila” București, Ordinul rectorului 11276/28.05.2015

c. Dr. Popa Elena - Funcția cordului drept și interacțiunea ventriculo-arterială la pacienții cu hipertensiune pulmonară, Universitatea de Medicină și Farmacie „Carol Davila” București, Ordinul rectorului 30707/14.10.2016

d. Dr. Maria-Magdalena Gurzun. Modificările morfologice ale aparatului valvular mitral în regurgitarea mitrală mixomatoasă.

e. Dr. Irina Popescu, Evaluarea la sportivi a functiei ventriculului stang cu metode ecocardiografice noi, Timisoara, Ordinul rectorului 293/3.7.2018

9. *Membru consiliului stiintific al unor congrese nationale si internationale:*

a. Al 54-lea Congres National de Cardiologie 2015, Sinaia, Romania

b. ESC Congress 2016, Roma, Italy - Abstract Review Committee

c. Al 55-lea Congres National de Cardiologie 2015, Sinaia, Romania

d. ESC Congress 2017, Barcelona, Spain - Abstract Review Committee

e. Conferinta Nationala a Grupurilor de Lucru ale Societatii Romane de Cardiologie, 4-6 mai 2017, Sibiu, Romania – Membru Comitet Organizare

Timisoara,

01.07.2019

Conferentiar Dr. Cristian Mornos