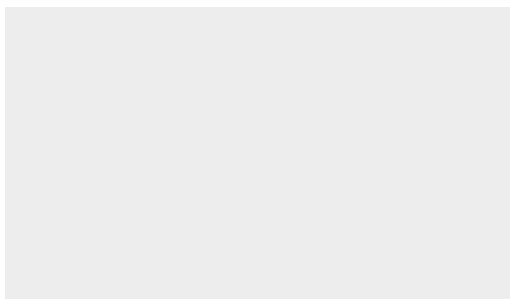


CURRICULUM VITAE

Nume si prenume

Mornoș Cristian

Date personale



Funcție actuală

Conferentiar la Disciplina de Cardiologie, Departamentul VI de Cardiologie al Universitatii de Medicina si Farmacie "Victor Babes" din Timisoara

Medic primar cardiolog la Clinica de Cardiologie a Institutului de Boli Cardiovasculare Timisoara

Coordonator al Departamentului de Cardiologie Interventionala si Cateterism Cardiac al Institutului de Boli Cardiovasculare din Timisoara

Studii

1989 – 1993: Liceul Sanitar Arad

1993: Bacalaureat

1993 – 1999: student la Universitatea de Medicina si Farmacie “Victor Babes” Timisoara – Facultatea de Medicina Generala

2000-2001: medic stagiar Spitalul Clinic nr 1 Judetean Timisoara

2001-2007: Rezidentiat in specialitatea cardiologie

2005 aprilie - noiembrie: stagiul de pregătire AFS Cardiologie în Clinica de Cardiologie și Hipertensiune Arterială a Spitalului CHU Grenoble, Franța

2006 – 2009 : doctorand în specialitatea cardiologie la Universitatea de Medicină și Farmacie “Victor Babes” Timișoara

2009: Doctor în Medicină prin susținerea lucrării cu titlul “Noi modalități de evaluare a funcției ventriculare stângi prin utilizarea ecocardiografiei Doppler tisular” în baza Ordinului Ministrului Educației, Cercetării și Inovării 6026/27.11.2009

2010 Iunie: stagiul de pregătire în Cardiologie Intervențională la Clinical Center Ljubljana, Slovenia sub conducerea Dr. Darko Zorman

2013-2014: Programul de formare psihopedagogică, Universitatea de Vest Timișoara – Nivelul I și respectiv Nivelul II (adev. nr. 306 și respectiv 307/16.07.2014)

Experiența profesională

2000-2001: medic stagiar Spitalul Județean Timișoara

2002-2003: medic rezident cardiolog Spitalul Județean Timișoara

2003-2007: medic rezident cardiolog la Clinica de Cardiologie a Institutului de Boli Cardiovasculare Timișoara.

2005 aprilie - noiembrie: medic intern la Clinica de Cardiologie și Hipertensiune Arterială a Spitalului CHU Grenoble, Franța

2004-2007: preparator la Clinica de Cardiologie, Cardiologie Intervențională și Electrofiziologie - UMF "Victor Babes" Timișoara.

2007 până în 2013: asistent universitar la Clinica de Cardiologie, Cardiologie Intervențională și Electrofiziologie - UMF "Victor Babes" Timișoara

2007 până în 2012: medic specialist cardiolog la Clinica de Cardiologie a Institutului de Boli Cardiovasculare Timișoara.

2012 până în prezent: medic primar cardiolog la Clinica de Cardiologie a Institutului de Boli Cardiovasculare Timișoara.

2013 - 2015: Șef de Lucrări la Disciplina de Cardiologie II, Departamentul VI de Cardiologie al Universității de Medicină și Farmacie "Victor Babes" din Timișoara

2014 până în prezent: Coordonator al Departamentului de Cardiologie Intervențională și Cateterism Cardiac al Institutului de Boli Cardiovasculare din Timișoara

2015-pina in prezent: Conferentiar la Disciplinele Patologie clinica; Evaluarea si tratamentul bolilor cardiovasculare; Electrocardiografie, Departamentul VI de Cardiologie al Universitatii de Medicina si Farmacie "Victor Babes" din Timisoara

Competente

Competenta in ecocardiografie generala

Competenta in cardiologie interventionala

Competenta in ecocardiografie transesofagiana

Cursuri de pregatire/Participari Congrese

2003

- Simpozion cu tema " Endoteliul – tinta tratamentului antihipertensiv dincolo de valorile TA ", Timisoara
- Simpozion cu tema "HTA-problema de sanatate Publica", Timisoara
- Al 42-lea Congres National de Cardiologie, Sinaia

2004

- Al 42-lea Congres National de Cardiologie, Poiana Brasov
- A XIII-a Conferinta Nationala de Cardiologie Preventiva si Recuperare Cardiovasculara, Poiana Brasov, mai 2004

2006

- Cardiac Rehabilitation in Europe, Timisoara, January 2006
- Al XXI-lea Simpozion National de Ecocardiografie, Bucuresti, Mai 2006
- Al XLV-lea Congres National de Cardiologie, Poiana Brasov, 23-26 septembrie 2006
- Euroecho 10 - The Tenth Annual Meeting of the European Association of Echocardiography, Prague, 6-9 December, 2006
- Curs de ecocardiografie pentru avansati, Timisoara, 1-30 noiembrie, 2006

2007

- EAE Educational Course Organised with the Romanian Working Group on Echocardiography, "Doppler Echocardiography - from basics to advanced applications"; Bucuresti, 2007, 29-31 martie
- British Society of Echocardiography , CRT Course "Cardiac Resynchronization Therapy and Dilated Cardiomyopathies: understanding the deformation & mechanics of the failing ventricle."; Dubrovnik, Croatia, 17-18 may, 2007
- The 11'th Danubian Forum for cardiac surgery , organized by the Romanian Society of Cardiovascular Surgery, Timisoara, June 2007
- Al 46-lea Congres National de Cardiologie, Sinaia, 14-18 septembrie 2007
- Euroecho 2007 - The Eleventh Annual Meeting of the European Association of Echocardiography, Lisbon, 5-8 December 2007.

2008

- EUROPCR 2008, Barcelona, 13-16 may 2008
- Heart Failure 2008 Congress, Milan, 14-17 June 2008
- EUROSON 2008, 31 May-3 June, Timisoara, Romania
- Managementul modern al HTA: privind dincolo de scaderea tensiunii arteriale, Timisoara, 10 iunie 2008
- Conferinta Nationala a Grupurilor de Lucru ale Societatii Romane de Cardiologie, Brasov, 8-10 mai 2008
- Al 47-lea Congres National de Cardiologie, Sinaia, 20-23 septembrie 2008
- EAE Teaching Course Transthoracic Echocardiography – from basic knowledge to advanced clinical applications, 16-18 october 2008, Szeged, Hungary
- Acute Cardiac Care 2008, 25-28 octobree 2008, Versailles, France
- EUROECHO 2008 - The Twelfth Annual Meeting of the European Association of Echocardiography, Lyon, 10-13 December 2008

2009

- Business Presentations Program (TMI Romania), Timisoara, 20 Martie 2009
- Our Approach to Bifurcation Lesion (Curs BASICS), Belgrad, 6 aprilie 2009
- The BASICS+5th Belgrade Summit of Interventional Cardiologists, Belgrad, 5-8 aprilie 2009
- Conferinta Nationala a Grupurilor de Lucru ale Societatii Romane de Cardiologie, Brasov 7-9 mai 2009
- Cursul „ECO – Evaluarea functiei ventriculare: ce poate oferi ecocardiografia?” Timisoara, Romania, 11-12 iunie 2009

- „Echocardiography Today and Tomorrow 9th International Symposium”, St Wolfgang, Austria 22-26 June 2009
- „Workshop on Speckle Tracking”, St Wolfgang, Austria 22-26 June 2009
- Al 48-lea Congres National de Cardiologie, Sinaia, Romania, 19-22 septembrie 2009
- European Society of Cardiology Congress 2009, Spain, Barcelona, 29 august - 2 septembrie 2009
- EUROECHO 2009 - Annual Meeting of the European Association of Echocardiography, Spain, Madrid, 9-12 December 2009
- Conferinta Nationala de Medicina a Familiei, Bucuresti, 29–31 Octombrie 2009

2010

- „Decizii dificile in managementul insuficientei cardiace”, Timisoara, Romania, 12 februarie 2010
- EUROPCR 2010, Paris, France, 25-28 may 2010
- „Virtual Reality Training Session on Practical Solutions to AMI Patient Care” during EUROPCR 2010, Paris, France, 25-28 may 2010
- CONFIRM – 2D/3D carotid ultrasonography. Three sonographer training sessions. Prof. Dr. Malte Ludwig, october – december 2010, Feldafing, Germany.
- EUROECHO 2010 - Annual Meeting of the European Association of Echocardiography, Copenhagen, Denmark, 8-11 December 2010

2011

- EuroPCR 2011, Paris, France, 17-20 May 2011
- A decade of Progress in Pulmonary Hypertension – Improving outcomes for the future; 10th International Pulmonary Hypertension Forum, Munich, Germany, 25-27 March 2011
- „Echocardiography Today and Tomorrow 10th International Symposium”, presented by Tufts University New England Medical Center, Boston, USA and Elisabethinen Hospital Linz, Austria, St Wolfgang, Austria 20-24 June 2011
- „Workshop on The Quantitative and Cardiac Function Laboratory”, presented by Tufts University New England Medical Center, Boston, USA and Elisabethinen Hospital Linz, Austria in St Wolfgang, Austria 18-19 June 2011
- „20 de ani de Chirurgie Cardiaca in Timisoara”, 16-17 septembrie 2011, Timisoara, Romania
- Al 50-lea Congres National de Cardiologie, Sinaia, Romania, 29 septembrie – 1 octombrie 2011.
- The Bridge: Scientific Exchange in Cardiology III. Budapest, Oct 13-14, 2011

- Euroecho and Other Imaging Modalities 2011, Budapesta, Ungaria, 7-10 decembrie 2011

2012

- JIM – Join Interventional Meeting 2012, Roma, Italia, 9-11 februarie 2012
- Heart Failure 2012 Congress, Belgrad, Serbia, 19-22 Mai 2012
- 11th International Pulmonary Hypertension Forum, Dublin , Irlanda, 11-13 mai 2012
- Al 51-lea Congres National de Cardiologie, Sinaia, Romania, 4-6 octombrie 2012
- European Society of Cardiology Congress 2012, Munchen, Germania, 25 - 29 august 2012
- Conferinta si Workshop de Cercetare avansata „Moartea subita cardiaca & Cardioprotectia”, Timisoara, 6-9 septembrie 2012
- Acute Cardiac Care 2012, Istanbul, Turcia, 20-22 octobrie 2012
- Euroecho and Other Imaging Modalities 2012 Congress, Atena, Grecia, 5-8 decembrie 2012

2013

- The 12th International Pulmonary Hypertension Forum, Hamburg, Germany, 12-14 aprilie 2013
- EUROPCR 2013, Paris, France, 21-24 may 2013
- The 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
- EACTA 2013 - 12th Echo Meeting of the European Association of Cardiothoracic Anaesthesiologists, 7-10 september 2013, Montpellier, France
- Cursul „Cazuri dificile in Cardiologia de Urgenta”, 25 octombrie 2013, Timisoara, Romania
- Congresul National de Cardiologie, Sinaia, Romania, 3-5 octombrie 2013
- Euroecho and Other Imaging Modalities 2013 Congress, Istanbul, Turkey, 11-14 december 2013

2014

- Edwards SAPIEN XTTM THV training program, 29-30 aprilie 2014, Nyon, Elvetia
- 13th International Pulmonary Hypertension Forum, Lisabona, Portugalia, 4-6 aprilie 2014
- European Society of Cardiology Congress 2014, Barcelona, Spania, 30 august -3 septembrie 2014
- Congresul National de Cardiologie, Sinaia, Romania, 2-4 5 octombrie 2014
- Dale Carnegie Training – High Impact Presentation, Urlati, Romania, 31 octombrie - 1 noiembrie 2014
- EuroEcho Imaging 2014, Viena, Austria, 3-6 decembrie 2014

2015

- Conferinta Nationala a Grupurilor de Lucru ale Societatii Romane de Cardiologie, Sibiu 7-9 mai

2015

- EUROPCR 2015, Paris, France, 19-22 may 2015

- Al 54-lea Congres National de Cardiologie, Sinaia, Romania, 17-19 septembrie 2015

- Curs „Imagistica in cardiomiopatii” organizat de catre Grupul de lucru de ecocardiografie si alte metode imagistice a Societatii Roamne de Cardiologie, 16 octombrie 2015, Iasi, Romania

- Certification program on Fraction Flow Reserve and Optical Coherence Tomography during the 4th FFR / OCT PCI optimization workshop, BUDAPEST - 10-11th of December, 2015

2016

- Curs „Imagistica in cardiomiopatii” organizat de catre Grupul de lucru de ecocardiografie si alte metode imagistice a Societatii Roamne de Cardiologie, 11 martie 2016, Timișoara, Romania

- Cursul NSTEMI. Probleme de diagnostic si tratament, martie 2016, Brasov Romania

- 15th International Pulmonary Hypertension Forum, Expanding horizons – Staying ahead of disease pregression, Barcelona, Spain, 18-20 March 2016

- Congresul National de Medicina Interna, 6-9 aprilie 2016, Calimanesti, Romania

Afilieri stiintifice

Membru al Societății Române de Cardiologie din 2006

Membru al Societății Europene de Cardiologie din 2006

Membru al Grupului de Lucru de Ecocardiografie al Societății Române de Cardiologie din 2006 (*din 2014 pina in prezent: Secretar al Grupului de Lucru de Ecocardiografie si alte Metode Imagistice din cadrul Societatii Romane de Cardiologie*)

Membru al Asociației Europene de Ecocardiografie din 2008

Membru al Grupului de Lucru de Cardiologie Interventionala al Societății Române de Cardiologie din 2008

Membru al Asociatie Europene de Insuficienta Cardiaca din 2009

Membru al WG27 - Acute Cardiac Care din 2009

Membru al European Association of Percutaneous Cardiovascular Interventions din 2010

Membru al WG20 - Hypertension and the Heart din 2010

Director de proiect

1. Programul PN II Resurse Umane; Proiecte de cercetare postdoctorala PD

526/2010. Rolul ecocardiografiei speckle tracking in detectarea precoce a afectarii miocardice la pacientii tratati cu citostatice: studiu comparativ cu ecocardiografia Doppler tisular si de contrast. Valoare proiect 325940 lei.

Datele obtinute in cadrul acestui proiect de cercetare au fost concretizate in:

- 5 articole in extenso publicate in reviste indexate ISI;
- 2 articole in extenso in reviste indexate in baze de date internationale;
- 25 de lucrari publicate in rezumat acceptate la diverse congrese organizate sub egida Societatilor Europeana si respectiv Americana de Cardiologie si publicate in reviste indexate ISI;
- 3 lucrari acceptate la Congresele Europene sub forma de poster moderat;
- 3 lucrari acceptate pentru prezentare orala la diverse congrese organizate sub egida Societatilor Europeana si respectiv Americana de Cardiologie;
- o monografie care isi propune sa popularizeze noile tehnici de evaluare ecocardiografica in practica zilnica;
- cursuri si seminarii pentru studenti, medici rezidenti si specialisti.

Lucrari in extenso publicate in cadrul acestui proiect:

- a. C Mornos, 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.
- b. 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.
- c. 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.
- d. 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.

e. 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.

f. 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.

2. Programul PN II Resurse Umane; Proiecte de cercetare pentru tineri doctoranzi

TD nr. 530/2007. Noi modalități de evaluare a funcției ventriculare prin utilizarea ecocardiografiei Doppler tisular. Valoare proiect 38500 lei.

Datele obtinute in cadrul acestui proiect de cercetare au fost concretizate in:

- 4 articole in extenso publicate in reviste indexate ISI;
- 5 articole in extenso in reviste indexate in baze de date internationale;
- 22 de lucrari publicate in rezumat acceptate la diverse congrese organizate sub egida Societatilor Europeana si respectiv Americana de Cardiologie si publicate in reviste indexate ISI;
- 4 lucrari acceptate pentru prezentare orala la diverse congrese organizate sub egida Societatii Europene de Cardiologie (ESC Congress 2009, EUROECHO 2009, EUROECHO 2007, EUROSON 2008) si respectiv 4 lucrari prezentate oral la Congresul National de Cardiologie.
- 18 lucrari prezentate sub forma de postere la congrese internationale;
- cursuri si seminarii pentru studenti, medici rezidenti si specialisti.

Lucrari in extenso publicate in cadrul acestui proiect: 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.

3. Programul PN II Resurse Umane; Proiecte de mobilitate a cercetătorilor MC

nr. 3/2007. The role of tissue Doppler echocardiography in the evaluation of NTproBNP level in patients with dilated cardiomyopathy. Viena, 1-5 septembrie 2007. Valoare totala 6900 lei.

Rezultate obtinute: sustinerea prezentarii cu titlul „The role of tissue Doppler echocardiography in the evaluation of NTproBNP level in patients with dilated cardiomyopathy”, lucrare publicata in volumul Congresului European de Cardiologie 2007, *European Heart Journal* 2007;Vol.28 (Abstract Supplement):369.

4. Programul PN II Resurse Umane; Proiecte de mobilitate a doctoranzilor MD

nr 36/2007. Ecocardiografia Doppler tisular: o metoda neinvaziva de evaluare a functiei ventriculare stangi. Valoare proiect 8500 lei.

Rezultatele obtinute au fost prezentate sub forma de poster la conferinte nationale si internationale (CHEST Meeting, Canadian Cardiovascular Congress, Congresul SRC) si publicate in volumele congreselor:

- a. 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 (supl A):*
- b. 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 (supl A): A186.*
- c. C. Mornos, A. Ionac, D. Cozma, D. Maximov, L Petrescu, A. Lupu, S.I. Dragulescu. Noninvasive Assessment of Left Ventricular Filling Pressures: Tissue Doppler Echocardiography or NTproBNP Levels? *Chest Meeting Abstracts 2007; 132 (4): 476b .*
- d. C. Mornos, A. Ionac, D. Cozma, D. Maximov, L. Simion, S.I. Dragulescu Estimation of Left Ventricular Filling Pressure Using Tissue Doppler Echocardiography in Patients With Intermediate E/Ea. *Chest Meeting Abstracts 2007; 132 (4): 578b.*
- e. 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.*
- f. 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.*

5. Proiecte Interne UMFVB Timisoara, Programul 3 – Parteneriate în cercetarea fundamentală inovativă: PIII-C1-CFI-2014/2015-04 Contributia stressului oxidativ indus de monoaminoxidaze la disfunctia cardiovasculara si prognosticul pacientilor coronarieni cu si fara diabet zaharat. Valoare proiect : 30000 Euro.

Datele obtinute in cadrul acestui proiect de cercetare au fost concretizate in:

- 2 lucrari acceptate pentru prezentare orala la Congresul National de Cardiologie ;
- 9 lucrari prezentate sub forma de poster la The 3rd Congress of Physiological Sciences of Serbia, Targeting Mitochondria World Congress 2014, 1st Scientific Conference and

2nd management Committee meeting 2014 si EuroEcho 2014;

- 2 articole in extenso publicate in reviste indexate ISI.

Lucrari in extenso publicate in cadrul acestui proiect:

a. O Duicu, A Sturza, L Noveanu, D Muntean. Mitochondria and endothelial dysfunction: A glimpse of monoamine oxidases. Exp Clin Cardiol 2013;18(Suppl A):52A-56A.

b. Duicu O, Lighezan R, Sturza A, ..., Mornos C. Monoamine Oxidases as Potential Contributors to Oxidative Stress in Diabetes: Time for a Study in Patients Undergoing Heart Surgery. BioMed Research International 2015 Article ID 515437 (<http://www.hindawi.com/journals/bmri/aa/515437/>).

c. 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. Oxidative Medicine and Cellular Longevity 2016, Article ID 8254942, 19 pages (<http://www.hindawi.com/journals/omcl/2016/8254942/>).

d. 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. Oxidative Medicine and Cellular Longevity 2016, Article ID 8470394, 12 pages. (<http://dx.doi.org/10.1155/2016/8470394>).

e. 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. Canadian Journal of Physiology and Pharmacology, 2016 doi 10.1139/cjpp-2015-0580

Membru in echipa de cercetare

1. Program CNCSIS Nr. 71/2005. Aprobat pentru finantare in 2005. Beneficiul recuperarii cardiace comprehensive a pacientilor cu by-pass aorto-coronarian asupra disfunctiei endoteliale - studiu corelativ cu polimorfism NO sintetazei endoteliale.

2. Program CNCSIS Nr. 74/2005. Aprobat pentru finantare in 2005. Reconstructia ecocardiografica tridimensionala a anatomiei aparatului valvular mitral la pacientii cu boala mitrala.

3. Proiect CEEEX nr. 146/2006. Evaluarea multimarker a răspunsului la terapia de resincronizare cardiacă la pacienții cu insuficiență cardiacă cronică.

4. Programul PN II IDEI; Proiecte de cercetare exploratorie nr. 1260/2007. Optimizarea managementului disfuncțiilor valvulare cardiace prin utilizarea tehnicilor de ecocardiografie tridimensională.
5. Program CNCIS Nr.1106/2006. Utilizarea alogrefelor în patologia radacinii.
6. CNMP Programul 4 “Parteneriate în domeniile prioritare”; Contract 42-119-4/1.10.2008. Endocardita infecțioasă bacteriană – dezvoltarea unui model funcțional de supraveghere și caracterizare a agenților etiologici, bazat pe metode moleculare și imunologice.

Lector la cursuri postuniversitare

1. Cursul „ECO – Evaluarea funcției ventriculare: ce poate oferi ecocardiografia?”
Timisoara, Romania, 11-12 iunie 2009
2. Ecocardiografia transtoracică - Metoda uzuală de investigație. UMF “Victor Babes”
Timisoara, 06.02-30.03.2012.
3. Cardiomiopatia restrictivă. EUROSON 2008, 31 mai -3 June 2008, Timisoara,
Romania
4. Ecocardiografie transesofagiană în ATI. Curs organizat de către Catedra de
Cardiologie II a Universității de Medicină și Farmacie “Victor Babes” din Timisoara pentru
medici specialiști ATI în perioada 19-27.10.2007
5. Ecocardiografia transtoracică - metoda uzuală de investigație. Curs organizat de către
Catedra de Cardiologie II a Universității de Medicină și Farmacie “Victor Babes” din Timisoara
pentru medici specialiști cardiologie și rezidenți an VI, în perioada 15.01-15.03.2008.
6. Ecocardiografia transesofagiană în practica clinică. UMF “Victor Babes”, Timisoara,
12 – 24.04.2010.
7. Actualități în ecocardiografie. Curs organizat de către Disciplina de Cardiologie a
Universității de Medicină și Farmacie “Victor Babes” din Timisoara, 10.10-10.11.2011
8. Ecocardiografia transesofagiană în practica clinică. Curs organizat de către Disciplina
de Cardiologie a Universității de Medicină și Farmacie “Victor Babes” din Timisoara, 09-
21.04.2012.
9. Actualități în ecocardiografie. Curs organizat de către Disciplina de Cardiologie a
Universității de Medicină și Farmacie “Victor Babes” din Timisoara, 14.10-08.11.2013
10. Ecocardiografia transesofagiană în practica clinică. Curs organizat de către Disciplina

de Cardiologie a Universitatii de Medicina si Farmacie "Victor Babes" din Timisoara, 12-23.05.2013

11. Ecocardiografia transtoracică - metoda uzuală de investigație. Curs organizat de catre Disciplina de Cardiologie a Universitatii de Medicina si Farmacie "Victor Babes" din Timisoara, 03.02-28.03.2014

12. Actualități in ecocardiografie. Curs organizat de catre Disciplina de Cardiologie a Universitatii de Medicina si Farmacie "Victor Babes" din Timisoara, 20.10-14.11.2014

13. Cardiologie interventionala, Curs organizat de catre Disciplina de Cardiologie a Universitatii de Medicina si Farmacie "Victor Babes" din Timisoara, 01.10.2014-01.06.2015

14. Ecocardiografia transtoracică - metoda uzuală de investigație. Curs organizat de catre Disciplina de Cardiologie a Universitatii de Medicina si Farmacie "Victor Babes" din Timisoara, 02.02-31.03.2015

15. Curs „ Imagistica in cardiomiopatii” organizat de catre Grupul de lucru de ecocardiografie si alte metode imagistice a Societatii Roamne de Cardiologie, 16 octombrie 2015, Iasi, Romania

16. Curs „ Imagistica in cardiomiopatii” organizat de catre Grupul de Lucru de Ecocardiografie si Alte Metode Imagistice 13 martie 2015, Bucuresti, Amfiteatrul Institutului Clinic Fundeni

17. Curs „ Imagistica in cardiomiopatii” organizat de catre Grupul de Lucru de Ecocardiografie si Alte Metode Imagistice, 11 martie 2016, Timisoara, Romania

18. Congresul National de Medicina Interna, 6-9 aprilie 2016, Calimanesti, Romania

Cercetare/Publicatii

Carti publicate:

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 chemotherapy induced 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 Mornos**. Capitolul „Ecocardiografia în terapia de resincronizare – de la clasic la controversat” in „Progrese in cardiologie 2013” pagina 9 - 40, Media Med Publicis, ISSN 1843-3731.
8. D Cozma, **C Mornos**, C Țuțuianu, L Saghy. Capitolul „Rolul ecocardiografiei intracardiace în aritmologia intervențională” in „Progrese in cardiologie 2013” pagina 335 - 346, Media Med Publicis, ISSN 1843-3731.
9. D Cozma, C Vacarescu, **C Mornos**. Capitolul „Radiatiile si cardiologia interventională” in „Progrese in cardiologie 2014” pagina 9 - 35, Media Med Publicis, ISSN 1843-3731.

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

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.
6. **C Mornos**, D Ruşinaru, 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. **Mornos 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.
8. **Mornos 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.
9. **Mornos C**, Petrescu L, Pescariu S, Dan R, Cozma D. Prognostic value of septal E/(E'×S') ratio in predicting cardiac death in patients with heart failure. *Kardiol Pol* 2014;72(2):166-74.
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.
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.
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.
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.
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.
15. Cozma D, Popescu BA, Lighezan D, Petrescu L, **Mornos C**, Luca CT, Ginghina 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.
16. Cozma D, Popescu BA, Lighezan D, Petrescu L, **Mornos C**, Ginghina 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.
17. I Zacharopoulou, **C Mornos**, AJ Manolis, N Kouremenos, A Tsoukas, A Pittaras, L Poulimenos, SI Drăgulescu. 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.

18. A Ionac, C **Mornos**, H Feier, D Cozma, L Petrescu, I Popescu, M Gaspar, SI Dragulescu. Pre-operative transthoracic real-time three-dimensional echocardiography for a better surgical strategy. *Chirurgia* 2011; 106: 211-217.
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.
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.
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.
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.
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.
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.
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.

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.
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.
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, Tattevin 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.
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.
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.
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.
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-

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.

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.

34. Barsic B, Dickerman S, Krajinovic 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–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.

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–Prospective Cohort Study. *Clin Microbiol Infect* 2013;19(12):1140-7.

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.

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.

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 Mar 1;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*. 2015 Oct 27. doi: 10.5603/KP.a2015.0209. [Epub ahead of print]
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. *Oxidative Medicine and Cellular Longevity* 2016, Article ID 8254942, 19 pages (<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. *Oxidative Medicine and Cellular Longevity* 2016, Article ID 8470394, 12 pages. (<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. *Canadian Journal of Physiology and Pharmacology*, 2016 doi 10.1139/cjpp-2015-0580.
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 Apr 18;5(4). pii: e003016. doi: 10.1161/JAHA.115.003016.

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

1. **C Mornos**, L Petrescu, D Cozma, S Pescariu, A Mornos, 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.

c) Publicații in 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.

d) 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.

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'xS') 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. $E/(Ea \cdot Sa)$ 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. $E/(Ea \times Sa)$ 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 and NT 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 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, A Lupu, 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 dispnea. *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 paroxystic 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 cardiomyopaty. *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 cardiomiopathy? 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 paroxystic 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**, ȘI 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 Cardiovascular Ultrasound & 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 contactation 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.

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 leaflates 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 tehnică superioară pentru evaluarea mecanismului regurgitarii mitrale. *Revista Romana de Cardiologie* 2004; XIX (3): 21
16. Cozma D, Pescariu S, Luca CT, Ionac A, **Mornos 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 morfologică 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 fibrilația atrială pentru caracterizarea remodelării 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 limită a suprafeței atriale stângi pentru estimarea formei trapezoidale în caracterizarea remodelării 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

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 in evaluarea pacientilor 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 orala*.
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 orală*.

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 disfuncție ventriculară stânga. *Al 49-lea Congres National de Cardiologie*, 7-9 octombrie 2010, Sinaia, Romania, *prezentare orală*.
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 pacienții cu insuficiența cardiacă cu fracție de ejectie scăzută. Al 49-lea Congres Național 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**. Corelația dintre un nou indice ecocardiografic și presiunea telediastolică intraventriculară stângă la pacienții cu regurgitare mitrală severă. Al 48-lea Congres Național 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 rară de insuficiență cardiacă. Prezentare de caz. Cursul „ECO – Evaluarea funcției 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 problemă? *Conferința Națională de Medicină de Familie*, București, 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 cardiomiopatie dilatativa. Al XIX-lea Simpozion National de Ecocardiografie, Bucuresti, 28-29 Mai 2004, prezentare poster.
75. **C Mornos**. 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 orală*.
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 orală*.
77. **Mornos C**. Afectarea cardiovasculara in maladii sistemice - Boli neoplazice. Al 52-lea Congres National de Cardiologie, 3-5 octombrie 2013, Sinaia, Romania. *Prezentare orală*.
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 orală*.
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. Presentare 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. Presentare 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. Presentare poster.

83. **Mornos C.** Cazuri de ecocardiografie comentate. *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. Presentare 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. Presentare 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 in cardiomiopatii - Displazia aritmogena de ventricul drept. Curs organizat de catre Grupul de Lucru de Ecocardiografie si Alte Metode Imagistice 13 martie 2015, Bucuresti, Amfiteatrul Institutului Clinic Fundeni. *Prezentare orala*.
96. **C Mornos**. Ecocardiografia în cardiologia intervențională. Conferinta Grupurilor de Lucru ale SRC – 7-9 mai 2015, Sibiu, Romania. *Prezentare orala*.
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. Prezentare 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. Prezentare 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. Prezentare 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. Mornoș**. 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**. Tratatamentul 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*

107. **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*

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*

Participari la trialuri internationale:

1. EUROSPIRE III (European action on secondary and primary prevention pf coronary heart disease in order to reduce events).
2. CONFIRM (The CONFIRMatory olmesartan plaque regression study).
3. ICE (The International Collaboration on Endocarditis).
4. SIGNIFY (Study assessInG the morbidity–mortality beNefits of the I_f inhibitor ivabradine in patients with coronarY artery disease).

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
Cancer Medicine
Medical Ultrasonography

Referent al unei reviste științifice românești peer-review:

Timisoara Medical Journal

Alte forme de recunoastere ale meritelor științifice:

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. Citări în reviste cotate ISI:

Europace 2005; 7 (3): 281-286
Echocardiography 2007;24(8):810-5
Am J Cardiol 2008;102 (8):1056-9
Int J Cardiovasc Imaging 2008; 24 (4):409-10
Circulation 2012; 125: 2649-2661
Journal of Thrombosis and Haemostasis 2011;9 (8):1652–1653
Echocardiography 2011;28(6):619-25
Int J Cardiol 2011; 149 (3):290-295
Echocardiography 2012;29(5):608-13

Cardiovascular Ultrasound 2012;10:8
Med Sci Monit 2012; 18(12): MT91–MT96
J Cardiovasc Dis Res 2012; 3(2): 170–172
Hellenic J Cardiol 2013; 54: 264-272
Journal of Cardiovascular Electrophysiology 2013;24 (7): 752–75
Heart, Lung and Circulation 2013; 22 (5):373-382
Int J Cardiol 2013; 166 (3): 589–595
HealthMed 2013; 7(3):758-765
Int J Cardiol 2014;174(3):550-6
Eur Heart J Cardiovasc Imaging 2014;15(5):566-74
J Am Coll Cardiol 2014;63(25 Pt A):2751-68
Eur Heart J Cardiovasc Imaging 2014;15(10):1101-7
Heart Rhythm 2014;11(7):1095-101
Trends Cardiovasc Med 2014;24(7):285-95
J Am Soc Echocardiogr 2014;27(9):911–939
Arq Bras Cardiol 2014;103(3):172-3
PLoS One 2015;10(1):e114097
Clin Biochem 2014 Nov 7. pii: S0009-9120(14)00740-1
Cardiovasc Toxicol 2014 Oct 7. [Epub ahead of print] PMID:25287586
Cardiol J 2014 Feb 14. doi: 10.5603/CJ.a2013.0150. [Epub ahead of print]
Journal of Oncology 2014 Article ID 263950 [Epub ahead of print]

7. Citări în reviste internaționale necotate ISI:

Practical Geriatrics 2006; 20 (5): 382
Conf Proc IEEE Eng Med Biol Soc. 2006;1:3943-6
Chinese Journal of Cardiac Arrhythmias 2008; 5: 385-386
Kardiofórum, Brno: Medica Publishing and Consulting 2008; 6 (3): 21-27
Journal of Geriatric Cardiology 2008; (5)1: 11-14
KF 2008; 6 (3): 21-27
Acta Academiae Medicinae Militaris Tertiae 2010; 32(5) : R47-R72
ARYA Atherosclerosis 2011; 7(1):1-6
Romanian Journal of Cardiology 2011; 21 (4):303-309
J Cardiovasc Ultrasound. 2011;19(1):26-31

Journal of Echocardiography 2012;10(2):41-47

Curr Treat Options Cardiovasc Med 2014;16(9):335

Arch Cardiovasc Imaging 2014; 2(3): e18786. doi:10.5812/acvi.18786

Curr Cardiovas Risk Rep 2014; 8:406

International Journal of Research in Pharmacy and Chemistry (IJRPC) 2014;4(4):987-995

Curr Cardiol Rep 2014;16:468

Open Journal of Organ Transplant Surgery 2014;4(3):23-28

Eur Heart J Acute Cardiovasc Care 2014 Sep 29. [Epub ahead of print]

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

9. **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

10. **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

11. **Membru Consiliu Științific:**

- a. Al 54-lea Congres Național de Cardiologie 2015, Sinaia, România
- b. ESC Congress 2016, Roma, Italy - Abstract Review Committee