



**Octavian  
Istratoaie**

## WORK EXPERIENCE

**2020 – CURRENT** – Craiova, Romania

**Member of the University of Medicine and Pharmacy Council**

University of Medicine and Pharmacy of Craiova

**2018 – CURRENT** – Craiova, Romania

**Lecturer at the Doctoral School within University of Medicine and Pharmacy of Craiova**

University of Medicine and Pharmacy of Craiova

**2016 – CURRENT** – Craiova, Romania

**Head of the Cardiology Department**

Clinical Emergency County Hospital Craiova

**2016 – CURRENT** – Craiova, Romania

**Head of 'Cardiology' Discipline - 4th Department**

University of Medicine and Pharmacy of Craiova

**2016 – CURRENT** – Craiova, Romania

**Associate Professor**

University of Medicine and Pharmacy of Craiova

**2007 – 2016** – Craiova, Romania

**Lecturer**

University of Medicine and Pharmacy of Craiova

**2004 – CURRENT** – Craiova, Romania

**Primary Care Physician Cardiologist**

Clinical Emergency County Hospital Craiova

**2003 – CURRENT** – Craiova, Romania

**Primary Care Physician Internal Medicine**

Clinical Emergency County Hospital Craiova

**1998 – 2007** – Craiova, Romania

**Assistant Professor**

University of Medicine and Pharmacy of Craiova

**1998 – 2003** – Craiova, Romania

**Medical Specialist Cardiologist**

Clinical Emergency County Hospital Craiova

**1998 – 2000** – Bucharest, Romania



**Resident Physician**

Institute of Cardiovascular Diseases C.C. Iliescu Fundeni

1998 – 2003 – Craiova, Romania

**Medical Specialist Internal Medicine**

Clinical Emergency County Hospital Craiova

1994 – 1998 – Craiova, Romania

**University Preparator**

University of Medicine and Pharmacy of Craiova

1993 – 1998 – Craiova, Romania

**Resident Physician Internal Medicine**

Clinical Emergency County Hospital Craiova

## EDUCATION AND TRAINING

2021

**Certificate of habilitation in the field of doctoral studies in Medicine**

2016

**Master's degree - Leadership Management of the Sanitary Units**

University of Medicine and Pharmacy of Craiova

2014 – 2015

**Post-Doctoral**

University of Medicine and Pharmacy of Craiova

2002 – 2007

**PhD - Medical Science**

University of Medicine and Pharmacy of Craiova

1986 – 1992

**Bachelor's degree**

University of Medicine and Pharmacy of Craiova

1981 – 1985 – Craiova, Romania

**Baccalaureate Degree**

Elena Cuza National College



## COMMUNICATION AND INTERPERSONAL SKILLS

### ● **Communication competencies**

- Good communication skills acquired as a result of teaching and managerial experience
- Personal contributions to the development of the fields of competence-didactic, medical-books specialty, courses
- Moral and organizational qualities

### ● **Organizational skills and competences**

- Managerial skills
- Management positions
- Experience in research project management

### ● **Skills acquired in the workplace**

- High capacity for analysis, planning, organization, monitoring and evaluation of activities



## AREAS OF COMPETENCE

- 2008  
DPPD Module
- 2003  
Echocardiography Competence
- 2000  
General Echography Competence
- 1999  
Cardiology Competence
- 1998  
Certificate in Advanced English Cambridge  
Grades: A/A
- 1995  
Cardio-Oncology Clinic Competence AZH Utrecht
- 1992  
Family Planning and Contraception Competence

## LANGUAGE SKILLS

**MOTHER TONGUE(S):** Romanian

**OTHER LANGUAGE(S):**

**English**

Listening  
C2

Reading  
C2

Spoken  
production  
C2

Spoken  
interaction  
C2

Writing  
C2

**French**

Listening  
C2

Reading  
C2

Spoken  
production  
C2

Spoken  
interaction  
C2

Writing  
C2



## PUBLICATIONS

### Scientometric Indicators

#### Extensive publications:

- Extensive works published in ISI indexed journals: 31;

**as main author:** 16;

- Extensive works published in journals indexed in international databases: 9;

**as main author:** 4.

#### Summary publications:

- Summary papers published in ISI indexed supplements: 12;
- Summary papers published at international scientific events: 26;
- Summary papers published at national scientific events: 78;

#### Books or chapters in books:

- Teaching courses: 11
- Monographs in international publishing houses (main author): 1 (publisher)
- Monographs in national publishing houses (main author): 3 (3 publishers)
- Volumes published in national publishing houses: 3 (3 authors).
- Chapters in books in international publishing houses: 1 (main author);
- Chapters in books in national publishing houses: 12

**Hirsch Index:** 11

### Books and Chapters in Specialty Books as Author/ Co-Author with ISBN: (authors, title, publisher, year, volume, pages, ISBN)

1. Octavian Istrătoaie, CARDIAC AND VASCULAR EMERGENCIES, UMF Craiova University Medical Publishing House, 2016, monograph, 430 pages, ISBN 978-973-106-273-0. Sole Author.
2. Octavian Istrătoaie, L "hemodynamique de la cirrhose du foie. Etiology and Pathology, Publisher: OmniScriptum GmbH@Co.KG Saarbruchen, 2015, monograph, 184 pages, ISBN 978-3-8416-6876-9. Sole Author.
3. Octavian Istrătoaie, COMPENDIUM OF MEDICO-SURGICAL SPECIALTIES, Medical Publishing House, Bucharest 2016, volume I, Pag. 186-195, ISBN 978-973-39-0803-6. Co-Author.
4. Octavian Istrătoaie, CARDIOLOGY vol. I: edited by R. Muşetescu, University Medical Publishing House, Craiova 2008, pp. 261-283, ISBN 978-973-106-115-3, 2008. Co-Author.
5. Octavian Istrătoaie, CARDIOLOGY vol. II: edited by R. Muşetescu, D.D. Ionescu, University Medical Publishing House, Craiova 2010, pp. 69-87, ISBN 978-973-106-170-2. Co-Author.
6. Octavian Istrătoaie, CARDIOLOGY vol. II: edited by R. Muşetescu, D.D. Ionescu, University Medical Publishing House, Craiova 2010, pp. 89-109, ISBN 978-973-106-170-2. Co-Author.
7. Octavian Istrătoaie, CARDIOLOGY vol. II: edited by R. Muşetescu, D.D. Ionescu, University Medical Publishing House, Craiova 2010, pp. 111-136, ISBN 978-973-106-170-2. Co-Author.



8. Octavian Istrătoaie, CARDIOLOGY vol. II: edited by R. Muşetescu, D.D. Ionescu, University Medical Publishing House, Craiova 2010, pp. 191-207, ISBN 978-973-106-170-2. Co-Author.

9. Octavian Istrătoaie, CARDIOLOGY - INTERNAL MEDICINE, Sitech Publishing House, Craiova 2018, Main Author, 4th year student course, 314 pages, ISBN 978-606-11-6207-9.

10. Octavian Istrătoaie, INTERNAL MEDICINE - CARDIOLOGY, University Medical Publishing House, Craiova 2020, 406 pages, Main Author, ISBN 978-973-106-338-6.

11. Octavian Istrătoaie, General Ultrasound, University Medical Publishing House, Craiova 2020, 472 pages, Co-Author, ISBN 978-973-106-315-7. 3.12. Octavian Istrătoaie, Highlights on Medicine and Medical Research, Vol. 4, Chapter 15. Title: Management of Hemiplegia in Emergency Department, eBook: ISBN: 978-93-090768- 73-8. Print ISBN: 978-93-90768-72-1.

### **ISI articles with impact factor in extensive national and international journals: 24**

1. Mirea O, Berceanu M, Donoiu I, Săftoiu A, Istrătoaie O. Variability of right ventricular global and segmental longitudinal strain measurements. *Echocardiography*. 2018. Jan;36 (1):102-109. FI 1.197. (Main Author).

2. Oana Mirea, Oana Maria Coraci, Mihaela Berceanu, Ionuț Donoiu, Constantin Militaru, Octavian Istrătoaie. Variability of longitudinal strain measurements: levelling the playing field. *Acta Cardiologica*. 2018; DOI: 10.1080/00015385.2018.1480469. FI 0.864. (Main Author)

3. Tieranu, Eugen Nicolae; Donoiu, Ionuț; Istrătoaie, Octavian; et al. Rare case of single coronary artery in a patient with liver cirrhosis. *Romanian Journal Of Morphology And Embryology*. 2017; 58(4): 1505-1508. FI 0.912. (Co-Author).

4. Donoiu I, Istrătoaie O, Ionescu DD. Ventricular septal rupture after acute myocardial infarction. *Hellenic J Cardiol*. 2010 Jul-Aug;51(4): 374-376. FI 1.172. (Co-Author).

5. Mirea O, Corîci OM, Istrătoaie O, Donoiu I, Iancău M, Militaru C. Left and right ventricular morphology and function in athletes with elevated pulmonary systolic arterial pressure. *Echocardiography*. 2018; 35: 769-776. FI 1.197. (Main Author)

6. Deliu RC, Mihailovici AR, Pirici I, Simionescu CE, Donoiu I, Istrătoaie O, Ciurea T. Changes of desmin expression pattern in the myocardium of patients with alcoholic dilated cardiomyopathy. *Romanian Journal Of Morphology And Embryology*. 2017; 58(4): 1309-1315. FI 0.912. (Co-Author).

7. Myocardial interstitial fibrosis – histological and immunohistochemical aspects. Octavian Istrătoaie, A.-M. Ofiteru, G.-C. Nicola, C. Florescu, L. Mogoanta, C. T. Streba. *Rom J Morphol Embryol*, Vol. I, vol. 56, issue (4), Pag:1473–1480. Published: 2015. ISSN: 1220- 0522. (Main Author) FI : 0,912

8. Particularities of associating viral hepatitis with pregnancy and mental disorders V. Gheorman, A. L. Chirita, E.-M. Dumitrescu, I. Rogoveanu, Octavian Istrătoaie, V. Gheorman, R.-C. Pana. *Rom J Morphol Embryol*, 2016, vol. 57, issue (1), pag.: 45–50, Published: 2016. ISSN: 1220-0522. (Main Author). FI : 0,912



9. Multidirectional left ventricle and longitudinal right ventricle deformation analysis by two dimensional speckle tracking echocardiography in young elite athletes. Oana Mirea, MD, PhD; Octavian Istratoaie, MD, PhD; Constantin Militaru, MD; PhD. Autor corespondent. Acta Cardiol Published: 2016; vol 71(1): pages: 173-181 doi: 10.2143/ AC-2015-08085.indd 1. (Main Author). FI: 0,864.

10. Evaluation of cardiac microvasculature in patients with diffuse myocardial fibrosis . Octavian Istratoaie, Ionica Pirici, Anca-Maria Ofiteru, Florin Grosu, Alice Brinzea, Lavinia Olar, Ion Cristian Efrem. Rom J Morphol Embryol, 2016, vol. 57, issue (4), pag.: 1351-1356, Published: 2016. ISSN: 1220-0522. FI: 0,912 (Main Author)

### ISI articles without impact factor: 7

1. Deliu, Ruxandra; Donoiu, Ionut; Militaru, Constantin; Istrătoaie, O; Ciurea, T. Correlates of diastolic function in patients with alcoholic liver cirrhosis. Corsalud. 2018; 10(2): 106-112. (Co-Author)

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

3. O Istrătoaie, OM Corîci, O Mirea-Munteanu, I Donoiu, M Iancău. Right ventricular enlargement in a 14-year-old karate athlete—a case report. Medicina Sportiva: Journal of Romanian Sports Medicine Society. 2018; 14(1): 3010-3016. (Main Author).

4. Veronica Calborean, Victor Gheorman, Cristian Constantin, Octavian Istrătoaie. Venous Thromboembolism Secondary to Adult-Onset Still's Disease: a Case Report, Journal of Cardiovascular Emergencies 2018;4(2):101-105 (Main Author) .

5. Cristiana Moise, Octavian Istratoaie, Donoiu Ionut, Mustafa Edmee Roxana, Tartea Georgica, Tudorascu Diana, Rogoveanu Ion. Endotelial Dysfunction in adolescents and young adults with non-alcoholic liver disease. Journal of Mind And Medical Sciences. 2019; 6 Iss (1) pag 58- 63. DOI: 10.22543/7674.61.P5863. ISSN : 2392-7674. (Co-Author)

6. Mesina Mihai; Mindrila Ion; Mesina Cristian, Octavian Istratoaie. A perfusion decellularization heart model - an interesting tool for cell-matrix interaction studies. Journal of Mind And Medical Sciences. Volume: 6 Issue: 1 Pages: 137-142. Article Number: UNSP 21 Published: 2019. (Main Author).

7. Cristina Foescu, Luciana Rotaru, Marius Novac, Octavian Istratoaie. Correlation of Polyphenolic compounds structural properties with their antioxidant capacity. Journal of Science and Arts. 2020, Nr. 1, (50), pag 163-170. (Author)

### Articles published in detail BDI magazines: 30

1. E. R. Mustafa, Octavian Istrătoaie. Blood pressure variability and left ventricular mass in hypertensive patients. Current Health Sciences Journal, vol 42, no. 1, pages 47-50, 2016. ISSN: 2069-4032. Author.

2. I. Donoiu, Octavian Istrătoaie. Varicella-zoster myocarditis mimicking acute myocardial infarction. Current Health Sciences Journal, 2013, vol 40, no. 1, pages 78-80, ISSN: 2069-4032. Author.

3. Octavian Istrătoaie. Pathogenesis of haemodynamic changes in patients with cirrhosis and hepatopulmonary syndrome. Humanities



and Social Sciences Review. 2016. Vol. 5, (issue 2), pages: 177-184. ISSN: 2165-6258. Author.

4. Octavian Istrătoaie. The medical definition of death. SCOL Magazine, SITECH Publishing House, University of Craiova. Vol. VIII, Nr. 1-2, 2015 pp. 194-204. ISSN: 2065-7161. Author.

5. Octavian Istrătoaie. The doctor can and / or should announce a possible death probable or definite, near or distant. LDMD Magazine University of Tg. Mureș. Editura Arhipelag XXI Press. 2015. Pag. 595-601. ISBN: 978-606-8624-21-1. Author.

6. Octavian Istrătoaie. Death: Dialogue between and shared vision regarding the acceptance of the medical definitions. LDMD Magazine University of Tg. Mureș. Editura Arhipelag XXI Press. Published: 2015. Vol. 602-610. ISBN: 978-606-8624-21-1. Author.

7. Octavian Istrătoaie, Manuela Istrătoaie. Legal language, the metaphorical transposition of the human body and it's parts. Journal of Romanian Literary Studies. 2016.Vol. 8. 2016. Pag. 819- 824. ISSN: 2248-3004. Author.

8. Octavian Istrătoaie. Communicating the diagnosis to the patient - medical language versus common language. EITM Magazine. (European Integration between Tradition and Modernity), 2015, Volume 6, pp. 463-469, ISSN: 1844-2048. Author.

9. Octavian Istrătoaie. Physician-patient language in chronic heart failure. Author. EITM Magazine. (European Integration between tradition and modernity) Volume 6, pp. 492-498, 2015. ISSN: 1844-2048. Author.

10. Manuela Istrătoaie, Octavian Istrătoaie. Organ Donation. Journal of Legal Sciences. 2015, volume 32, Supplement. Pages 44-52. ISSN: 1454-3699. Author.

11. Octavian Istratoaie. Annals of the University of Craiova. Year X, No. 1, 2014. Sudden death. Pag. 285-292. ISSN: 1841-8074. Author.

12. Diana Dănișor, Octavian Istratoaie. Journal of Humanities, Culture and Social Sciences. Vol. 2, Nr. 2, 2016. Pages: 145-154. ISSN: 2393-5960. Author.

## Articles published in detail BDI magazines: 30

13. O Istratoaie, DA Cherata, I Donoiu, O Mirea, R Diaconu „ Right atrium floating thrombus and bilateral pulmonary embolism in a patient with pancreatic pseudocyst. Journal of Cardiology Cases. 2018; 18 (2): 57-59. (Author).

14. An Istrătoaie E. R. Mustafa,. Blood pressure variability and left ventricular mass in hypertensive patients. Current Health Sciences Journal, vol 42, no. 1, pages 47-50, 2016. ISSN: 2069-4032. Author.

15. Octavian Istrătoaie, I. Donoiu „ Varicella-zoster myocarditis mimicking acute myocardial infarction. Current Health Sciences Journal, 2013, vol 40, no. 1, pages 78-80, ISSN: 2069-4032. Author.

16. Octavian Istrătoaie. Pathogenesis of haemodynamic changes in patients with cirrhosis and hepatopulmonary syndrome. Humanities and Social Sciences Review. 2016. Vol. 5, pages: 177- 184. ISSN: 2165-6258. Author.





17. Octavian Istrătoaie. The medical definition of death. SCOL Magazine, SITECH Publishing House, University of Craiova. Vol. VIII, Nr. 1-2, 2015 pp. 194-204. ISSN: 2065-7161. Author.

18. Octavian Istrătoaie. The doctor can and / or should announce a possible death probable or definite, near or distant. LDMD Magazine University of Tg. Mureș. Editura Arhipelag XXI Press. 2015. Pag. 595-601. ISBN: 978-606-8624-21-1. Author.

19. Octavian Istrătoaie. Assessment of arrhythmic risk after myocardial infarction by determining the wave microalternation T. Romanian Medical Journal. ISSN: 1220-5478. 2012, Vol.LIX, no. 3, pages 234-237. Author.

20. Octavian Istrătoaie. Death: Dialogue between and shared vision regarding the acceptance of the medical definitions. LDMD Magazine University of Tg. Mureș. Editura Arhipelag XXI Press. Published: 2015. Vol. 602-610. ISSN: 978-606-8624-21-1. Author.

21. Octavian Istrătoaie, Manuela Istrătoaie. Legal language, the metaphorical transposition of the human body and its parts. Journal of Romanian Literary Studies. 2016.Vol. 8. 2016. Pag. 819- 824. ISSN: 2248-3004. Author.

22. Octavian Istrătoaie. Communicating the diagnosis to the patient - medical language versus common language. EITM Magazine. (European Integration between Tradition and Modernity), 2015, Volume 6, pp. 463-469, ISSN: 1844-2048. Author.

23. Octavian Istrătoaie, Manuela Istrătoaie. Organ Donation. Journal of Legal Sciences. 2015, volume 32, Supplement. Pages 44-52. ISSN: 1454-3699. Author.

### Articles published in detail BDI magazines: 30

24. O. Corici, O Mirea-Munteanu, I Donoiu, O Istrătoaie. Gender-Related Electrocardiographic Changes in Athletes. Current Health Sciences Journal. 2018; 44 (1): 29-33. ISSN: 2069-4032. Author.

25. A Mihailovici, M Buse, I Donoiu, O Istratoaie, D Tudorascu, DI Gheonea. Diastolic dysfunction - negative prognostic factor in patients with liver cirrhosis. Romanian Medical Journal. 2017; 64 (2): 107-113. ISSN: 1220-5478. Co-Author.

26. A Mihailovici, G Vilceanu, I Donoiu, O Istratoaie, D Tudorascu, et al. Cardiac abnormalities in hepatic cirrhosis. Romanian Journal of Medical Practice. 2016; 11 (4): 323-330. ISSN 1842- 8258. Co-Author.

27. Eugen Nicolae Tieranu 1, 2, Radu Stavaru 2, Alexandru Rocsoareanu1,2, Constantin Militaru 1,2, Ionut Donoiu 1,2, Octavian Istratoaie 1,2. A particular case of previous STEMI in a young patient with an unexpected outcome. Romanian Journal of Cardiology, Vol. 30, No. 3, 2020. ISSN: 1220-658X. Author.

28. Octavian Istratoaie, Hypertension and chronic obstructive pulmonary disease- current challenges during the Covid 19 pandemic. Journal of Hypertension Research. 2020-12-0012. Author.



29. Octavian Istrătoaie, Monitoring the patient with atrial fibrillation. Epidemiology and social costs. Romanian Medical Journal. ISSN: 1220-5478. VOL. LXVII, Nr. V. Editura Amaltea, pag 30-38, 2020. Author.

30. Octavian Istrătoaie. Annals of the University of Craiova. Year X, No. 1, 2014. Tako-Tsubo syndrome in Caucasians. Pag. 278-285. ISSN: 1841-8074. Author.

**Articles published in abstracts in journals or volumes of ISI listed events: 18**

1. O. Istrătoaie, R. Mustafa, D.-D. Ionescu. Evolutive features of transmural myocardial infarction with hyperacute T wave in early phases. Anatolian Journal of Electrocardiology, Istanbul, 2007, No. 40, Supplement 7, pp. S 58-59. ISSN 1302-8723.

2. Donoiu, A. Giucă, O. Istrătoaie. Short-term prognosis markers in patients admitted for worsening heart failure. European Journal of Heart Failure. Supplements, vol 7, suppl 1: 96-97, 2008. ISSN: 1567-4215.

3. Military C; Giuca, A; Octavian Istrătoaie. Is there a predictive pattern of P-wave signal averaged electrocardiogram for arrhythmia recurrence after Cardioversion of persistent atrial fibrillation, Circulation, Volume: 118, Issue: 12, Pages: E198-E199, Published: SEP 16 2008.

4. Donoiu, A. Giuca, O. Istrătoaie. Evaluation of short-term effects of levosimendan in patients with worsening heart failure using thoracic electrical bioimpedance. European Journal of Heart Failure Supplements; Vol. 8 (2). 2009. ISSN: 1879-0844.

5. Donoiu, A. Giuca, B. Moise, O. Istrătoaie. QRS dispersion in heart failure patients with left bundle branch block. European Journal of Heart Failure Supplements; Vol. 8 (2). 2009. ISSN: 1879-0844.

6. Donoiu, O. Istrătoaie, B. Moise, D.-D. Ionescu. P wave dispersion and the risk of atrial fibrillation in hypertensive patients. Journal of Hypertension. 2009, vol 27, suppl. 4, P2.91. ISSN 0263-6352.

7. 13. I. Donoiu, O.-D. Dracea, A. Giuca, O. Istrătoaie. Evaluation of hemodynamic effects of ivabradine in patients with chronic heart failure. European Journal of Heart Failure. 2010; Vol. 9 (S1). ISSN: 1879-0844.

8. R. Mustafa, O. Istrătoaie, D. D. Ionescu. European Congress on Heart Failure: Hyperuricemia in Heart Failure. Heart Failure Congress, Berlin 2010, European Journal of Heart Failure. Vol 6, 2010, pp. 55-56. ISSN 1567-4215.

9. O. Istrătoaie, R. Mustafa, I. Donoiu. European Congress of Hypertension. Central Aortic Pressure Estimated By Radial Applanation Tonometry In Hypertensive Pulmonary Edema. Journal of Hypertension Vol 28, e-Supplement A, e149, June 2010. ISSN 0263-6352.

10. Donoiu, O. Istrătoaie, D.-D. Ionescu: European Congress on Heart Failure. Evaluation of hemodynamic effects of ivabradine in patients with chronic heart failure. European Journal of Heart Failure. Vol 6, 2010, pp. 76-77. ISSN 1567-4215.

11. Octavian Istrătoaie, Ionut Donoiu, Constantin Militaru, Dan-Dominic Ionescu: World Congress of Cardiology Beijing. 2010: Arrhythmia risk stratification in patients with myocardial infarction and preserved left



ventricular ejection fraction. *Circulation*. Vol 122, No. 2, e123, pp. 837-839.

**Articles published in abstracts in journals or volumes of ISI listed events: 18**

12. O. Istratoaie, I. Donoiu, R. Mustafa. Role of NTproBNP in detecting the haemodynamic risk of Atrial fibrillation in hypertrophic cardiomyopathy patients. Heart Failure Congress, Belgrade, May 2012, *European Journal of Heart Failure*, vol 5, p.145. ISSN 1567-4215.

13. Military C; Donoiu I; Istratoaie O. P wave signal averaged ECG in normal population and in patients with converted atrial fibrillation, *Circulation*. Meeting Abstract: P448 Volume: 125 Issue: 19 Pages: E837-E838, 2012.

14. O. Istratoaie, I. Donoiu, R. Mustafa. European Congress on Heart Failure. Predictive factors for the occurrence of mitral regurgitation in patients with left bundle branch block and its impact on left ventricular function, *European Journal of Heart Failure*. 2012, Vol 7, pp. 111-112, ISSN 1567-4215.

15. R Mustafa, O Istratoaie. European Congress on Heart Failure. Diastolic dysfunction an early manifestation of diabetic heart disease, *European Journal of Heart Failure*, 2013. VOL 6, p123-124. ISSN 1567-4215.

16. O. Istratoaie, R. Mustafa, I. Donoiu: Central Aortic Pressure Estimated By Radial Applanation Tonometry In Hypertensive Pulmonary Edema. *Journal of Hypertension*. Vol 28, e-Supplement A, e149, June 2010. ISSN 0263-6352.

17. Ionut Donoiu, Octavian Istratoaie, C. Militaru, D-D Ionescu: Arrhythmia risk stratification in patients with myocardial infarction and preserved left ventricular ejection fraction. *Circulation*. 2011. Vol 122, No. 2, e123.

18. Mustafa Edme Roxana, Istratoaie Octavian, Heart rate variability and the risk of atrial fibrillation in hypertensive patients, *Journal of Hypertension*, e-supplement A, 2014. ISSN 0263-6352

**Articles published in abstracts in journals or event volumes with ISBN: 84**

1995-2000

1. National Congress of Cardiology. Sinaia 1995. "Etiopathogenic considerations regarding Pericarditis in chronic dialysis". O. Istrătoaie. The volume of abstracts.

2. Annals of the U.M.F. Craiova 1995. „Portal Hypertension - clinical-etiological and therapeutic aspects” (p.236-245). O. Istrătoaie. The volume of abstracts.

3. Annals of the U.M.F. Craiova 1995. "Clinical-paraclinical features in sero-negative arthritis". O. Istrătoaie. The volume of abstracts.

4. Annals of the U.M.F. Craiova 1995. "Medical therapeutic attitude in hemorrhagic duodenal ulcer". O. Istrătoaie. The volume of abstracts.

5. Annals of the U.M.F. Constanța 1996. "Pulse therapy with prednisolone and cyclophosphamide in lupus nephropathy". O. Istrătoaie. The volume of abstracts.



6. Annals of the U.M.F. Constanța 1996. "Diagnostic difficulties in nodular polyarthritis". O. Istrătoaie. The volume of abstracts.
7. Annals of the U.M.F. Craiova 1996. "The relationship between chronic viral hepatitis type C and Autoimmune hepatitis". O. Istrătoaie. The volume of abstracts.
8. Annals of the U.M.F. Craiova 1996. "The role of genetic factors in sero-negative rheumatism". O. Istrătoaie. The volume of abstracts.
9. Sinaia National Congress of Cardiology 1996. "Early diagnosis in dilated cardiomyopathy". O. Istrătoaie. The volume of abstracts.
10. Second National Congress of Nephrology Iasi 1997. "Renal Impairment in Rheumatoid Arthritis". F. Petrescu, O. Istrătoaie. The volume of abstracts.
11. II National Congress of Nephrology Iași 1997. "The role of hypertension in the genesis of uremic cardiomyopathy". O. Istrătoaie. The volume of abstracts.
12. II National Congress of Nephrology Iași 1997. "Renal Manifestations in Multiple Myeloma". A. Săftoriu, O. Istrătoaie. The volume of abstracts.
13. Annals of the U.M.F. Craiova 1998. "Clinical correlations between hypertension and primary hyperaldosteronism". O. Istrătoaie. The volume of abstracts.
14. Brasov National Congress of Gastroenterology 1998. The paper entitled "Clinical-etiological study in chronic pancreatitis". O. Istrătoaie, F. Petrescu. The volume of abstracts.
15. Brasov National Congress of Gastroenterology 1998. "Clinical-ultrasound correlations in chronic pancreatitis". O. Istrătoaie, F. Petrescu. The volume of abstracts.
16. Sinaia National Congress of Cardiology 1999. "The value of C-reactive protein in acute coronary syndromes". First author. O. Istrătoaie. The volume of abstracts. Romanian Journal of Cardiology, Vol. IX, page 23, 1999, ISSN 1583-2996.
17. Sinaia National Congress of Cardiology 1999. "Evolution of patients with thrombolytic AMI". O. Istrătoaie. Romanian Journal of Cardiology, Vol. IX, page 41, 1999, ISSN 1583-2996.

● **Articles published in abstracts in journals or event volumes with ISBN: 84**

2001-2019

1. National Congress of Cardiology. Sinaia 2001. "Effects of calcium antagonist administration on the gingival mucosa". Romanian Journal of Cardiology, Vol. XIV, Nr. 3, pp. 167-168, 2001, ISSN 1583-2996. O. Istrătoaie, A. Giucă.
2. National Congress of Cardiology. Sinaia 2001. "Obesity and left ventricular function". Romanian Journal of Cardiology, Vol. XIV, Nr. 3, pp. 188-189, 2001, ISSN 1583-2996. A. Giucă, O. Istrătoaie.



3. National Congress of Cardiology. Sinaia 2001. "The TEI index in evaluating the performance of the right ventricle in patients with pulmonary hypertension". Romanian Journal of Cardiology, Vol. XIV, Nr. 3, pp. 6-7, 2001, ISSN 1583-2996. C. Bătăiosu, O. Istrătoaie.

4. National Congress of Cardiology. "Lactic acid - a potential marker of the evolution of diabetic patients with acute myocardial infarction." O. Istrătoaie, C. Florescu, A. Giucă. - Sinaia 25-28.10.2002. Romanian Journal of Cardiology, Vol. XVII, Nr. 3, pp. 141, 2002, ISSN 1583-2996.

5. National Congress of Cardiology. "Administration of Tirofiban in Acute Coronary Syndrome". Sinaia 25-28.10.2002. Octavian Istrătoaie, C. Militaru. Romanian Journal of Cardiology, Vol. XVII, Nr. 3, pp. 90, 2002, ISSN 1583-2996.

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8. National Congress of Cardiology. "Possibilities and limits of portable echocardiography" C. Bătăiosu, R. Mușetescu, O. Istrătoaie. Sinaia 25-28.10.2002. Romanian Journal of Cardiology, Vol. XVII, Nr. 3, pp. 96, 2002, ISSN 1583-2996.

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10. National Congress of Cardiology. "The effect of Doxazosin on decubitus dyspnea in patients with congestive heart failure." A. Giucă, O. Istrătoaie. Romanian Journal of Cardiology, Vol. XVII, Nr. 3, pp. 23, 2002, ISSN 1583-2996.

11. National Congress of Cardiology. Sinaia 25.09.2003. "Comparative results of microscopic T-wave alternation after exercise test and atrial stimulation". Conference. O. Istrătoaie. Romanian Journal of Cardiology, Vol. XVIII, Nr. 6, pp. 147-148, 2003, ISSN 1583-2996.

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**Articles published in abstracts in journals or event volumes with ISBN: 84**

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13. Sinaia National Congress of Cardiology September 27, 2003. "The influence of calcium blockers on T-wave alternation". Romanian Journal of Cardiology, Vol. XVIII, Nr. 6, pp. 111-112, 2003, ISSN 1583-2996. O. Istrătoaie, N. Rădoi.

14. Sinaia National Congress of Cardiology September 27, 2003. "Combination treatment with propafenone and quinidine for the conversion of paroxysmal atrial fibrillation." Romanian Journal of Cardiology, Vol. XVIII, Nr. 6, pp. 57-58, 2003, ISSN 1583-2996. A. Giucă, O. Istrătoaie.



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17. UMF Craiova Days. Oral presentation. "Cardioversion of atrial fibrillation by biphasic rectilinear shock". O.Istrătoaie. The volume of abstracts.

18. National Congress of Cardiology. Poiana Braşov September 17, 2004. "Factors influencing atrial fibrillation cardioversion". O. Istrătoaie, M. Prunescu, E. Albulescu. Romanian Journal of Cardiology, Vol. XIX, Nr. 3, pp. 112-113, 2004, ISSN 1583-2996.

19. UMF Craiova Days. "T-wave alternation - arrhythmic risk assessment in post-myocardial infarction patients". O. Istrătoaie. The volume of abstracts.

20. UMF Craiova Days 2006. "The role of thoracic bioimpedance in evaluating the hemodynamic profile of the cirrhotic patient". O. Istrătoaie, R. Mustafa.

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22. National Congress of Cardiology. "The correlation between QT elongation and arrhythmic risk assessed by T-wave alternation". O. Istrătoaie, C. Militaru, R. Mustafa. Romanian Journal of Cardiology, Vol. XXII, Suppl. A, pp. A 37, Sinaia, 2006, ISBN 1583-2996.

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25. National Congress of Cardiology. "Is the P-wave pattern on the high-resolution ECG predictive of arrhythmia recurrence after atrial fibrillation cardioversion?" Militaru C. O.Istrătoaie. Romanian Journal of Cardiology, Vol. XXII, Suppl. A, pp. A 72, Sinaia, 2006, ISBN 1583-2996.

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27. UMF Craiova Days 2007. Theme: „Evaluation of diastolic dysfunction of the left ventricle in the cirrhotic patient by transthoracic echocardiography. O. Istrătoaie.

28. UMF Craiova Days 2007. Theme: "Prognosis of atrioventricular block in patients with myocardial infarction". O. Istrătoaie.

29. National Congress of Cardiology. "Correlations between hs-CRP and NT-proBNP in patients with chronic heart failure." Donoiu Ionuț, Giucă Alina, Istrătoaie Octavian, Dorobanțu Marian, D.-D. Ionescu. Romanian Journal of Cardiology, Vol. XXII, Suppl. A, pp. A 36, Sinaia, 2007, ISBN 1583-2996.

30. National Congress of Cardiology. "Evaluation of hemodynamic status by thoracic bioimpedance in patients with acute coronary syndrome with transient giant negative T wave" - Istrătoaie Octavian, Donoiu Ionuț, Giucă Alina, Lican Gianina. Romanian Journal of Cardiology, Vol. XXII, Suppl. A, pp. A 19-20, Sinaia, 2007, ISBN 1583- 2996.

31. National Congress of Cardiology. "Stratification of the arrhythmic risk of coronary patients with BCRS by microscopic T-wave alternation (TWA)" - O. Istrătoaie, I. Donoiu, G. Lican, R. Mustafa, D.-D. Ionescu. Romanian Journal of Cardiology, Vol. XXII, Suppl. A, pp. A 30-32, Sinaia, 2007, ISBN 1583-2996.

32. National Congress of Cardiology. "Metabolic syndrome in unstable angina pectoris". Cristina Florescu, O. Istratoaie, G. Florescu. Romanian Journal of Cardiology, Vol. XXII, Suppl. A, pp. A 89-90, Sinaia 2007, ISBN 1583-2996.

33. UMF Craiova Days 2008. Conference. "Echocardiographic diagnostic elements of cirrhotic cardiomyopathy". O. Istrătoaie, Roxana Mustafa, I. Donoiu.

34. International Congress of Scientific Communications for Physicians and Pharmacists, "Use of Thoracic Bioimpedance in Assessing Hemodynamic Status in Patients with Acute Myocardial Infarction." Journal of Medicine and Pharmacy vol. 54/2008, page 125.

35. National Congress of Cardiology. "Evaluation of the hemodynamic effect of Levosimendan by thoracic bioimpedance in patients with AMI" O. Istratoaie, R. Mustafa. Romanian Journal of Cardiology, Vol. XXIII, Suppl. A, pp. A 13, Sinaia 2008, ISBN 1583-2996.

36. National Congress of Cardiology. "Cardiac remodeling and the risk of atrial fibrillation of the hypertensive patient" R. Mustafa, O. Istratoaie ,. Romanian Journal of Cardiology, Vol. XXIII, Suppl. A, pp. A 13, Sinaia 2008, ISBN 1583-2996.

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bioimpedance. European Journal of Heart Failure. Supplements 2009; Vol. 8 (2). ISSN: 1879-0844.

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40. European Congress of Hypertension: O. Istratoaie, R. Mustafa, I. Donoiu: Central Aortic Pressure Estimated By Radial Applanation Tonometry In Hypertensive Pulmonary Edema. Journal of Hypertension Vol 28, e-Supplement A, e149, June 2010. ISSN 0263- 6352.

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42. World Congress of Cardiology Beijing 2010: Ionut Donoiu, Octavian Istratoaie, Constantin Militaru, Dan-Dominic Ionescu: Arrhythmia risk stratification in patients with myocardial infarction and preserved left ventricular ejection fraction. Circulation Vol 122, No. 2, e123.

43. National Congress of Cardiology: Uric acid - risk factor in patients with acute coronary syndromes, R. Mustafa, O. Istratoaie, D.D. Ionescu, page A 121, Romanian Journal of Cardiology, vol XXV, supplement A, 2010, ISSN 1583-2996

44. National Congress of Cardiology: Central aortic pressure role in estimating target organ damage in hypertensive patients, R. Mustafa, O. Istratoaie, D. Mustafa, D.D. Ionescu, page A 223, Romanian Journal of Cardiology, vol XXV, supplement A, 2010, ISSN 1583-2996.

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46. European Congress of Hypertension: Central aortic pressure estimated by radial applanation tonometry in hypertensive pulmonary edema, O. Istratoaie, R. Mustafa, 21st European Meeting on Hypertension and Cardiovascular Prevention, Milan, 17-20, 2011. Poster-Abstract.

47. National Congress of Cardiology: Predictive factors of heart failure in patients with complete left bundle branch block, R. Mustafa, O. Istratoaie, D. D. Ionescu, Romanian Journal of Cardiology, vol. 21, Supplement B, ISSN 1583-2996

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49. European Congress of Hypertension: Increased aortic augmentation index in hypertensive patients with microvascular angina, R. Mustafa, O. Istratoaie, 22 European Meeting on Hypertension and Cardiovascular





Prevention, London, April 2012, Journal of Hypertension, vol 30, e-supplement A. ISSN 0263-6352.

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52. UMF Craiova Days 2012. Annals of UMF Craiova. Significance and prognosis of long QT syndrome with negative giant T waves in the coronary patient. O. Istratoaie, A. Serban, S. Saleh.

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54. UMF Craiova Days 2013. Frequent electrocardiographic diagnostic errors. Istratoaie O \*, Mustafa Roxana \*, Donoiu I \*, Braşoveanu Anda. UMF Craiova \*, Craiova Cardiology Center.

55. National Congress of Cardiology. Octavian Istratoaie, Mustafa Roxana. Arterial stiffness and renal dysfunction in the hypertensive patient, October 2014, Sinaia, ISSN 2392- 69102. Romanian Journal of Cardiology.

56. National Congress of Cardiology. Mustafa Roxana, Octavian Istratoaie, The prognostic role of right ventricular dysfunction in heart failure with low FE, October 2014, Sinaia, ISSN 2392- 69102. Romanian Journal of Cardiology.

57. European Meeting on Hypertension and Cardiovascular Protection, Milan.2014. Mustafa Edme Roxana, Istratoaie Octavian, Heart rate variability and the risk of atrial fibrillation in hypertensive patients, Journal of Hypertension, e-supplement A, 2014. ISSN 0263-6352.

58. UMF Craiova Days 2014. Volume of abstracts. Acute Cardiac Tamponada - a growing rarity. Authors: O. Istratoaie, R. Mustafa, I. Donoiu.

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60. National Congress of Cardiology: Central aortic pressure role in estimating target organ damage in the hypertensive patient. O. Istratoaie, D. Mustafa, D.D. Ionescu, page A 223, Romanian Journal of Cardiology, vol XXV, supplement A, 2010, ISSN 1583-2996.



61. National Congress of Cardiology. M. Bușe, A. Mihailovici, I. Donoiu, D. Toader, D. Tudorașcu, D.I. Gheonea, C. Militaru, O. Istrătoaie. Evaluation of subclinical cardiac dysfunction in liver cirrhosis - prognostic implications (Evaluation of subclinical cardiac dysfunction in hepatic cirrhosis - prognostic implications). Sinaia, September 2017. Romanian Journal of Cardiology. ISSN 2537-2661.

62. National Congress of Cardiology. R.C. Deliu, C. Militaru, I. Donoiu, D. Alexandru, O. Istrătoaie, C. Militaru. Short-term prognostic factors in acute pulmonary edema., Sinaia, September 2017. Romanian Journal of Cardiology. ISSN 2537-2661.

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64. National Congress of Cardiology. G.C. Tartea, I. Donoiu, A. Paraschiv, C. Militaru, P. Tudorașcu, O. Istrătoaie. The importance of cardio-neurological consultation in approaching syncope., Sinaia, September 2017. Romanian Journal of Cardiology. ISSN 2537-2661.

65. National Congress of Cardiology. A. Paraschiv, P. Trașcă, R. Mustafa, I. Donoiu, Tudorașcu, E.A. Tărtea, C. Militaru, P. Tudorașcu, O. Istrătoaie. Popliteal artery aneurysm or deep vein thrombosis? (Popliteal artery aneurysm or deep vein thrombosis?). Sinaia, September 2017. Romanian Journal of Cardiology. ISSN 2537-2661.

66. National Congress of Cardiology. Donoiu Ionuț, Giucă Alina, Istrătoaie Octavian, Dorobanțu Marian, D.-D. Ionescu. Correlations between hs-CRP and NT-proBNP in patients with chronic heart failure, Sinaia, September 2018. Romanian Journal of Cardiology. ISSN 1583-2996.

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### **National Educational Projects: Guest Lecturer**

1. National Conference on Nutrition and Metabolism Diseases Iași 1998. "Prevalence of dilated cardiomyopathy in patients with insulin-independent diabetes". First author. O. Istrătoaie. The volume of abstracts.

2. Romanian Society of Cardiology. Conference on: Therapy with intracardiac devices. "Advantages and prospects of implantable defibrillators". Craiova 28.02.2006. O. Istrătoaie.

3. Romanian Society of Cardiology. Conference on the topic: Craiova "Guide to cardiovascular prevention". April 2005. O. Istrătoaie.

4. Romanian Society of Cardiology. STEMI-National Course of Coronary Syndromes, Ischemic Heart Disease and Interventional Cardiology working groups. Oral presentation. 22.11.2005. Craiova. O. Istrătoaie.

5. Romanian Society of Cardiology - working groups Ischemic Heart Disease and Interventional Cardiology. Oral presentation. Theme: "Ischemic dilated cardiomyopathy". March 18-20, 2005. Poiana Brasov. O. Istrătoaie.



6. Romanian Society of Cardiology. EMPAC National Arrhythmology Course Bucharest. Conference. Oral presentation: Atrial Fibrillation - Cardioversion. 08-10.03.2002.
  7. Romanian Society of Cardiology. EMPAC National Arrhythmology Course Bucharest. Conference. Oral presentation on the topic: Supraventricular tachycardias. Mechanisms of action. 08.03.2002 - 10.03.2002.
  8. Romanian Society of Cardiology. EMPAC Iasi National Arrhythmology Course. Conference. Oral presentation on: Atrial Fibrillation and Cardioversion. 19-21.04.2002.
  9. Romanian Society of Cardiology. EMPAC Iasi National Arrhythmology Course. Conference. Oral presentation on the topic: Supraventricular tachycardias. Mechanisms of action. 19- 21.04.2002.
  10. Romanian Society of Cardiology. National course of arrhythmology EMPAC Timisoara. Conference. Oral presentation on: Atrial Fibrillation and Cardioversion. 18-20.10.2002.
  11. Romanian Society of Cardiology. National course of arrhythmology EMPAC Timisoara. Conference. Oral presentation on the topic: Supraventricular tachycardias. Mechanisms of action. 18-20.10.2002.
  12. Romanian Society of Cardiology. International Symposium Atrial Fibrillation. "Cardioversion methods." Poiana Braşov 25-27.10.2002 Oral presentation. O. Istrătoaie.
  13. Romanian Society of Cardiology. Working groups on Ischemic Heart Disease and Interventional Cardiology. Oral case presentation. "Acute coronary post-syndrome angina pectoris with ST-segment elevation". February 27-29, 2004. Poiana Braşov. O. Istrătoaie.
  14. Romanian Society of Cardiology. Ischemic heart disease working group. SICAFS. Craiova. 12.11.2004. Conference. "The importance of the presence of a negative U-wave in coronary patients". O. Istrătoaie.
  15. Romanian Society of Cardiology. National course of hypertension and cardiovascular risk. "Therapeutic attitude in patients with aortic dissection." Conference. O. Istrătoaie. Craiova 08.10.2004.
- National Educational Projects: Guest Lecturer**
16. Romanian Society of Cardiology. National course of hypertension. "Modern treatment of high blood pressure". Conference. O. Istrătoaie. Pitesti April.2004.
  17. Romanian Society of Cardiology. The regional news course "Renin System Angiotensin Bradykinin Aldosterone ". Craiova - April 14, 2006. Conference.
  18. A-IX National Conference of Ultrasonography. Craiova 2-3-June 2007. Title: „Causes unusual cases of heart failure ". Conference. O. Istrătoaie.



19. A-IX National Conference of Ultrasonography. Craiova 2-3-June 2007.  
„Evaluation

ultrasound of the hemodynamic parameters of the splanchnic  
circulation in the hepatorenal syndrome

the cirrhotic ". Conference. Romanian Journal of Ultrasonography,  
volume of abstracts Nr. 9,

Supplement 1, June 2007, page 159. ISSN 1454-5829.

20. Romanian Society of Cardiology. National course of hypertension.

"High blood pressure in diabetics, a serious problem." Conference.  
Craiova 24.05.2016.

Octavian Istrătoaie.

21. National Course of Hypertension. Craiova May 10, 2014, organized  
by the Society

Romanian of Cardiology. Organizer and Conference entitled: Pregnancy  
hypertension.

22. Cardiovascular Emergency Course. Craiova, May 3, 2015, organized  
by the Romanian Society

of Cardiology. Organizer and Conference entitled: Takayasu's disease in  
young people.

23. Congress of the Romanian Society of Internal Medicine. Hat March  
2017. Conference with

title: News in antihypertensive treatment in the elderly.

24. National Echocardiography Course, Craiova, March 17, 2017,  
organized by the Society

Romanian of Cardiology. Organizer, moderator and oral presentation.

25. National Course of Ischemic Heart Disease October 13, 2017.  
Craiova, organized by

Romanian Society of Cardiology. Organizer, moderator and oral  
presentation.

26. Course of the Romanian Society of Cardiology. Craiova 03 Feb 2018.  
Conference with the title:

Myocardial ischemia. Practice references.

27. National Heart Failure Course, EPIC V - Education for Heart Failure.

16.03.2018. Craiova, organized by the Romanian Society of Cardiology.  
Organizer, moderator and conference.

28. National Course on Vascular Protection in Systemic Atherosclerosis,  
PROVAS - Education

for Heart Failure. 05.10.2018. Craiova, organized by the Romanian  
Society of Cardiology. Organizer, moderator and conference.

29. Sinaia National Congress of Cardiology, 23 Sep 2017. Conference  
entitled: Therapeutic targets of antihypertensive treatment in the  
elderly.



30. Sinaia National Congress of Cardiology, 18 Sep 2019. Conference entitled: Management of hyponatremia in endocrine diseases.

31. Sinaia National Congress of Cardiology, Sep 20, 2019. Conference entitled: Central atheroma plaque, new challenges.

**National Educational Projects: Guest Lecturer**

32. Course organized by the University of Craiova; Faculty of Physical Education and Sports from

Craiova. Craiova International Conference 04 Nov 2016. Title: Recovery of the patient with Acute Coronary Syndrome.

33. National Society of Family Medicine. Family Medicine Days, Craiova 29.05.2015. Conference entitled: The role of ACE inhibitors in cardiovascular protection.

34. National Society of Family Medicine in collaboration with UMF Craiova. Family Medicine Days, Craiova 30.05.2015. Conference entitled: Innovative therapies: the first triple antihypertensive combination.

35. National Congress of Morphology with international participation. Craiova 03.06.2015.

Conference entitled: Myocardosclerosis. News.

36. National Society of Family Medicine. Family Medicine Days, Craiova 21.06.2017. Conference entitled: New medical therapeutic strategies.

37. National Society of Family Medicine in collaboration with UMF Craiova. Family Medicine Days, Craiova 07.06.2015. Conference entitled: Management of heart and thyroid diseases.

38. National Society of Family Medicine in collaboration with UMF Craiova. Family Medicine Days, Craiova 06/09/2018. Conference entitled: Clinical and therapeutic evaluation of cardiovascular infections.

39. National Society of Cardiology. National Conference of Working Groups. Sibiu 10-12.05.2018. Conference entitled: Techniques for detecting stable atherosclerotic plaque.

40. National Conference of Family Physicians in Romania, Family Medicine between theory and practice. Craiova 2 Oct 2019. Conference entitled: News in treatment  
dyslipidemias.

41. National Conference of Family Physicians in Romania, Family Medicine between theory and practice. Craiova 2 Oct 2019. Conference entitled: Polipill in antihypertensive treatment.

42. Postgraduate course organized by UMF Craiova 2014 - ECG aspects in cardiac arrhythmias.

Course director. 40 EMC points. November

43. Postgraduate course organized by UMF Craiova 2016 - Acute coronary syndromes - news. Course director. 40 EMC points. November 1-30, 2016.



44. Postgraduate Course organized by UMF Craiova, October 1-31, 2017 - News in Heart Failure. Course director. 60 EMC points.
  
45. Postgraduate Course organized by UMF Craiova, 01-31 March 2019 - News in Atrial Fibrillation. Management. Course director. 40 EMC points.
  
46. Organizer of the sports event "Cross of the Heart" organized in Craiova 2015, 2016, 2017, 2018, 2019 in order to promote sports among young people of all ages. Organizers: Craiova Cardiology Center, Gazeta de Sud Foundation, Rotary Club, University of Craiova, Faculty of Physical Education and Sports.



## CLINICAL RESEARCH STUDIES

### Experience in Clinical Trials

1. "A Randomize, Double- Blind, Placebo-Controlled, Parallel-Group Study to Evaluate the Effect of SAR 236553 / REGN727 on the Occurrence of Cardiovascular Events in Patients Who Have Recently Experienced an Acute Coronary Syndrome." Financing Authority: Covance, Inc, Contracting authority: Craiova Cardiology Center, 2014-2018, Principal Investigator.
2. "Evaluation of Cardiovascular Outcomes in Patients With Type 2 Diabetes After Acute Coronary Syndrome During Treatment With AVE0010 (Lixisenatide) ELIXA". Financing Authority: Sanofi Romania, Contracting authority: Craiova Cardiology Center, 2011-2015, Principal Investigator.
3. "The Canakinumab Antiinflammatory Thrombosis Outcomes Study, CACZ885M2301, CANTOS". Financing Authority: Novartis Pharma Services Romania S.R.L. Contracting authority: Craiova Cardiology Center, 2014-2017, Principal Investigator.
4. "A multicenter study to evaluate safety and tolerability in patients with chronic heart failure and reduced ejection fraction from PARADIGM - HF receiving open label LCZ696". Financing Authority: Novartis Pharma Services Romania S.R.L. Contracting authority: Craiova Cardiology Center, 2014-2018, Principal Investigator.
5. "A Randomized, Double-Blind, Placebo-Controlled trial to evaluate the efficacy of RIVAROXABAN after hospital discharge for medical patients at high risk of VTE", MARINER Study, Financing Authority: Janssen Research, Contracting Authority: Craiova Cardiology Center, 2014-2018. Study Coordinator.
6. A randomized, double-blind, placebo-controlled, multi-center and parallel -group study of the safety, tolerability and efficacy of YM150 in combination with standard treatment in secondary prevention of ischaemic vascular events in subjects with acute coronary syndrome (RUBY ) -2009. ICON / ROCHE Financing Authority: Contracting authority: Craiova Cardiology Center, 2009-2011. Study Coordinator.
7. A phase 3B study to evaluate the potential of Aleglitazar to reduce cardiovascular risk in patients with stable cardiovascular disease and glucose abnormalities- (Protocol BC28027). Financing Authority: ICON ROCHE: Contracting authority: Craiova Cardiology Center 2012 - 2013. Study Coordinator.
8. A phase 3 double-blind randomized placebo controlled a parallel-group study to asses the efficacy, term safety and tolerability of PF-04950615 in subjects primary hyperlipemia or mixed dyslipidemia at risk cardiovascular events (B1481020). Financing Authority: Pfizer; Contracting authority: Craiova Cardiology Center; 2015-2018. Study Coordinator.
9. Clinical trial program of a novel SGLT-2 inhibitor for glycaemic control, tolerability and safety in patients with type 2 diabetes (SGLT 1245.25). 2011. Financing Authority: Boehringer Ingelheim Pharma GmbH & Co; Contracting authority: Cardiomed SRL 2011-2018. Study Coordinator.

### Experience in Clinical Trials

10. A randomized, double blind, placebo controlled, parallel group trial for assessing the clinical benefit of dronedarone 400 mg BID on top of standard therapy in patients with permanent atrial fibrillation and



additional risk factors (EFC11405 / PALLAS) - 2010 Financing authority: Sanofi Aventis; Contracting authority: Cardiomed SRL 2010-2011. Study Coordinator. PALLAS Investigators. Dronedarone in high-risk permanent atrial fibrillation. N Engl J Med. 2011 Dec 15; 365 (24): 2268-76. doi: 10.1056 / NEJMoa1109867. Epub 2011 Nov 14. PubMed PMID: 22082198.

11. A randomized, double-blind, parallel group, multicenter phase III b study to compare ticagrelor with clopidogrel treatment on the risk of cardiovascular death, myocardial infarction and ischemic stroke in patients with established Peripheral Artery Disease (EUCLID- Examining use of Ticagrelor in PAD). Financing authority Astra Zeneka Uk LTD, Representation Romania. Contracting authority: Craiova Cardiology Center, 2013-2017, Principal Investigator.

12. A multinational, Randomised, Double-Blind, Placebo - Controlled Trial to Evaluate the Effect of Ticagrelor 90 mg twice daily on the Incidence of Cardiovascular Death, Myocardial Infarction or Stroke in Patients with Type 2 Diabetes Mellitus (THEMIS-effect of Ticagrelor on Health outcomes in diabetes Mellitus patients Intervention Study). Financing authority Astra Zeneka Uk LTD, Representation Romania. Contracting authority: Craiova Cardiology Center, 2015-2019, Principal Investigator.

13. RIVAROXHFA 3001-A Randomized, Double-Blind, Event - derived, Multicenter Study Comparing the Efficacy and Safety of Rivaroxaban with Placebo for Reducing the Risk of Death, Myocardial Infarction or Stroke in Subjects with Failure and Significant Coronary Artery Disease Following An Episode of Decompensated Heart Failure. Financing authority: Johnson & Johnson Romania SRL. Contracting authority: Craiova Cardiology Center, 2016-2018, Principal Investigator.

14. A phase III, double-blind, randomized placebo-controlled study to evaluate the effects of dalcetrapid on cardiovascular risk in a genetically defined population with a recent Acute Coronary Syndrome (ACS): The dal-GenE trial. Financing Authority: DalCor Pharma UK Ltd. Contracting authority: Cardiomed SRL, 2015-2017, Study Coordinator.

15. Non-interventional study describing patients´ perception on anticoagulant treatment and treatment convenience when treated with Pradaxa® or Vitamin K Antagonist for Stroke Prevention in Non-Valvular Atrial Fibrillation (“ 1160.249 RE-SONANCE NIS ”, hereinafter referred to as the“ NIS ”); Financing Authority: Boehringer Ingelheim RCV GmbH & Co. KG, Dr. Boehringer-Gasse 5-11, 1121 Vienna, Austria, Contracting authority: Craiova Cardiology Center, 2016-2017, Principal Investigator.

## Experience in Clinical Trials

16. A randomized, double-blind (AEGIS STUDY), multicenter phase III study to compare Apolipoprotein A1, in treatment of myocardial infarction. The financing authority Behring Pharma LTD, Romania Representative Office. Contracting authority: Craiova Cardiology Center, 2018-2020, Principal Investigator.

17. A randomized, double-blind (PRIORITIZE HF STUDY), multicenter phase II, parallel group, Potassium Reduction Initiative to Optimize RAAS Inhibition Therapy with Sodium Zirconium Cyclosilicat in Heart Failure. 2018-2019. The financing authority Behring Pharma LTD, Romania Representative Office. Contracting authority: Craiova Cardiology Center, 2018-2020, Principal Investigator.

18. A randomized, double-blind (DAPA HF STUDY), multicenter phase III, parallel group, about Dapagliflozin effect on reducing mortality in Heart Failure. 2019 - on going. The financing authority Behring Pharma LTD, Romania Representative Office. Contracting authority: Craiova Cardiology Center, 2018-2020, Principal Investigator.





19. Szarek M, White HD, Schwartz GG, Alings M, Bhatt DL, Bittner VA, Chiang CE, Diaz R, Edelberg JM, Goodman SG, Hanotin C, Harrington RA, Jukema JW, Kimura T, Kiss RG, Lecorps G, Mahaffey KW, Moryusef A, Pordy R, Roe MT, Tricoci P, Xavier D, Zeiher AM, Steg PG, Octavian Istratoaie. Group Author (s): ODYSSEY OUTCOMES Comm Investigator. Alirocumab Reduces Total Nonfatal Cardiovascular and Fatal Events: The ODYSSEY OUTCOMES Trial. *J Am Coll Cardiol*. 2019 Feb 5; 73 (4): 387-396. doi: 10.1016 / j.jacc.2018.10.039. Epub 2018 Nov 11. PubMed PMID: 30428396.

### Experience in Clinical Trials

20. Ridker PM, Everett BM, Thuren T, MacFadyen JG, Chang WH, Ballantyne C, Fonseca F, Nicolau J, Koenig W, Anker SD, Kastelein JJP, Cornel JH, Pais P, Pella D, Genest J, Cifkova R, Lorenzatti A, Forster T, Kobalava Z, Vida-Simiti L, Flather M, Shimokawa H, Ogawa H, Dellborg M, Rossi PRF, Troquay RPT, Libby P, Octavian Istratoaie, Glynn RJ. Group Author(s): CANTOS Trial Grp. Antiinflammatory Therapy with Canakinumab for Atherosclerotic Disease. *N Engl J Med*. 2017 Sep 21;377(12):1119-1131. doi: 10.1056/NEJMoa1707914. Epub 2017 Aug 27. PubMed PMID: 28845751.

21. Eisen A, Bhatt DL, Steg PG, Eagle KA, Goto S, Guo J, Smith SC, Octavian Istratoaie, Ohman EM, Scirica BM. Angina and Future Cardiovascular Events in Stable Patients With Coronary Artery Disease: Insights From the Reduction of Atherothrombosis for Continued Health (REACH) Registry. Group Author(s): REACH Registry Investigators. *J Am Heart Assoc*. 2016 Sep 28;5(10). doi:10.1161/JAHA.116.004080. PubMed PMID: 27680665; PubMed Central PMCID: PMC5121505.

22. Bonaca MP, Bhatt DL, Cohen M, Steg PG, Storey RF, Jensen EC, Magnani G, Bansilal S, Fish MP, Im K, Bengtsson O, Oude Ophuis T, Octavian Istratoaie, Wiviott SD, Held P, Braunwald E, Sabatine MS. Group Author(s): PEGASUS-TIMI 54 Steering Comm. Long-term use of ticagrelor in patients with prior myocardial infarction. *N Engl J Med*. 2015 May 7;372(19):1791- 800. doi: 10.1056/NEJMoa1500857. Epub 2015 Mar 14. PubMed PMID: 25773268.

23. Zinman B, Wanner C, Lachin JM, Fitchett D, Bluhmki E, Hantel S, Mattheus M, Devins T, Johansen OE, Woerle HJ, Broedl UC, Octavian Istratoaie, Inzucchi SE. Group Author(s): EMPA-REG OUTCOME Investigators. Empagliflozin, Cardiovascular Outcomes, and Mortality in Type 2 Diabetes. *N Engl J Med*. 2015 Nov 26;373(22): 2117-2128. doi: 10.1056/NEJMoa1504720. Epub 2015 Sep 17. PubMed PMID: 26378978.

### Years of the Clinical Trials

2002-2003 Solvay Clinical Trial. Atrial Fib. (phase II) Internal auditor. 11pat. Clinical Trial coordinator

2003-2004 Solvay Clinical Trial. Atrial Fib. (phase III) Internal auditor. 7pat. Clinical Trial coordinator

2004-2006 Everest Clinical Trial. Heart Failure (phase III) Auditor FDA. 51pat. Clinical Trial coordinator

2005-2007 Reach Clinical Trial. Atherosclerosis (phase II). 15pat. Clinical Trial coordinator

2005-2007 Michelangelo Clinical Trial in Myocardial Infarction (phase III). 52pat. Clinical Trial coordinator.

2006-2007 Novartis Clinical Trial. Amlodipinum vs Valsartanum, phase III. 37p. Clinical Trial coordinator.



2007-2009 Plato Clinical Trial. Coronary Acute Syndrom (phase III). 53p. Clinical Trial Coordinator.

2008.Moderato Clinical Trial. Rimonabant in MetabolicSyndrome (phase II).Clinical Trial Coordinator.

2008-2010. Balance Clinical Trial. CardioKine in HF ( phase II).Clinical Trial coordinator. FDA Audit.

2008-2009 MK 0653A-126.Cardioprotection&Dyslipidemia. Principal Investigator.

2009-2010 MK0653A-134.Cardioprotection&Dyslipidemia(phase III). Principal Investigator

2009-2010. Astellas Clinical Trial. Ruby. Antithrombotics in CAS. Principal Investigator.

2008-2009. Eisai Clinical Trial. Antithrombotics in CAS. Clinical Trial Coordinator. Internal auditor.

2009-2010. POC-3. Cardioprotection in Metabolic Syndrome. Principal Investigator.

2010-2011. Novartis Clinical Trial CLCZ696B2314. Principal Investigator.

2010-2013. Novartis Clinical Trial CLCZ696B2214 (Cardioprotection). Principal Investigator.

2010-2011. PALLAS Clinical Trial. Dronedarone in Atrial.Fib. Principal Investigator.

2010. Sanofi EFC11319 in Coronary Syndrome with Diabetes Mellitus. Principal Investigator.

2010-2014. TIMI 54 PEGASUS. Acute Coronary Syndrome. Clinical Trial coordinator. Audit ANM.

2010-2014. Clinical Trial CANTOS. Post Myocardial Infarction. Principal Investigator.

2012-2014. Novartis Clinical Trial CLCZ696B2301. Principal Investigator.

2011-2015. Clinical Trial SPIRE BI 10773 in type 2 DZ patients. Principal Investigator.

2012-2016. Clinical Trial EUCLID in PAD. Principal Investigator. Audit intern.

2012-2013. Clinical Trial ALLEPREVENT in Diabetes Mellitus. 2012-2013. Principal Investigator.



2012-2015. Clinical Trial Boeringer 1245.25. PostSTEMI Ia D.Z.cu ADO. Principal Investigator.

2015-2017. Novartis Clinical Trial CLCZ696B2317 in Heart failure. Principal Investigator.

2015. THEMIS Clinical Trial. on going. Principal Investigator.

2015. MARINER Clinical Trial. on going. Principal Investigator.

2016. COMMANDER Clinical Trial. on going. Principal Investigator.

2016. NIS-Resonance Clinical Trial. FiA at nonvalvulars. - Principal Investigator.

2017. DALCOR Clinical Trial. on going. Principal Investigator.

2018. AEGIS Clinical Trial on going. Principal Investigator.

2018. PARADISE Clinical Trial on going. Coordinator.

2019. PRIORITIZE Clinical Trial on going. Principal Investigator.



## RESEARCH PROJECTS

2015 - 2017

### Research projects as project manager

- **Contract theme:** Assessment of the risk of insufficiency cardiac in hypertensive patients under 60 years of age by echocardiography and aortic impedance.
- **Contract duration:** 24 months.
- **Partners:** UMF Craiova and SC RURIS SRL.
- **Contract value:** 10,000 RON
- **Research program director:** Dr. Octavian Istratoaie

### Research projects in which I am/have been a member of the research team

1. Member of the research team within the Grant won through the competition entitled: "Molecular markers of tissue inflammation involved in the genesis and progression of coronary ischemic disease" developed by the Craiova Cardiology Center in collaboration with the Institute of Forensic Medicine - "Mina Minovici" Bucharest carried out for 24 months, financed from the State Budget, with the number of the CEEEX financing contract NO. 162/2006. The contracting authority is the Institute of Forensic Medicine - "Mina Minovici" Bucharest, the Craiova Cardiology Center being the contracting collaborating unit. The name of the program is Research Excellence, subprogram 4-Genomics and Proteomics, PED project category. Contract value 100,000 RON. Duration of execution 2006-2008.

2. Member of the research team within the Grant won through a competition entitled: "Profile of mutations and expression of the MEF2A gene in patients with coronary ischemic disease" developed by the Craiova Cardiology Center in collaboration with the Institute of Cardiovascular Diseases "C.C. Iliescu" - Fundeni Bucharest carried out for 24 months, financed from the State Budget, with the number of the CEEEX financing contract NO. 155/2006. The contracting authority is the Institute of Cardiovascular Diseases „C.C. Iliescu”- Fundeni Bucharest, Craiova Cardiology Center being the contracting collaborating unit. The name of the program is Research Excellence, subprogram 4-Genomics and Proteomics, PED project category. Contract value 100,000 RON. Duration of execution 2006-2008.

3. Member of the research team within the Grant won through a competition entitled: "Molecular profile highlighted by DNA and mRNA markers in acute coronary syndromes - clinical and prognostic implications such as acute myocardial infarction" developed by the Craiova Cardiology Center in collaboration with U.M.F. "Carol Davila" Bucharest, carried out for 24 months, financed from the State Budget, with the number of the CEEEX financing contract NO. 32/2005. The contracting authority is the U.M.F. „Carol Davila” Bucharest, Craiova Cardiology Center being the contracting collaborating unit. The name of the program is Research Excellence, subprogram 4-Genomics and Proteomics, PED project category. Contract value 500,000 RON. Duration of execution 2005-2007.

### Research projects in which I am/have been a member of the research team

4. Member of the research team within the grant won through the competition. TITLE: Re-evaluating the prevention of obesity and overweight in employed staff by involving medical, biological, behavioral and environmental factors. Member of the research team. Contracting authority: SC FLORMANG SRL. Economic agents no. 994. Amount: 10,000 ron. Grant duration: 01.11.2016 - 31.10.2017. Contract number: 994.

5. Large Infrastructure Operational Program; POIM: Increasing the diagnostic and treatment capacity of patients infected with SARS-COV2,



hospitalized in the Cardiology Clinic of SCJUC. Project code: 139947.  
Contract value: 14,320,115 RON. Team member. Approved 23.09.2020.

6. Research program: Development of public infrastructure for research, development and creation of new infrastructures - Research Phase 2. MySMIS code: 107124. Beneficiary: Academy of Medical Sciences. Position within the project: research doctor within SCJUC. 2019. Title: NSTEMI - evaluation of the coronary patient in SCJUC.

7. Large Infrastructure Operational Program. POIM: BENEFICIARY: Craiova County Emergency Clinical Hospital. PROJECT TITLE: "Increasing the capacity to manage the sanitary crisis COVID 19, by SCJUC". SMIS Code 2014 + 140095. Financing contract value: RON 15,715,692.53. Team member.



## ADDITIONAL INFORMATION

### **Awarding research results**

2007: "Molecular markers of tissue inflammation involved in the genesis and progression of coronary ischemic disease" developed by the Craiova Cardiology Center in collaboration with the Institute of Medicine

Legal - „Mina Minovici” Bucharest carried out for 24 months, financed from the State Budget, having the number of the CEEX financing contract NO. 162/2006.

2008: "Profile of mutations and expression of the MEF2A gene in patients with coronary ischemic disease" developed by the Craiova Center for Cardiology in collaboration with the Institute of Cardiovascular Diseases

„C.C. Iliescu ”- Fundeni Bucharest carried out for 24 months, financed from the State Budget, with the number of the CEEX financing contract NO. 155/2006.

2016: Angina and Future Cardiovascular Events in Stable Patients With Coronary Artery Disease:

Insights From the Reduction of Atherothrombosis for Continued Health (REACH) Registry.

Group Author (s): REACH Registry Investigators

### **President and member of competition commissions**

- President and member of competition commissions for teaching positions: University of Medicine and Pharmacy of Craiova
- President and member of the competition commissions for the specialized exam: University of Medicine and Pharmacy of Craiova
- President and member of the competition commissions for the mayor's office exam: University of Medicine and Pharmacy of Craiova
- Member of the commissions for granting a doctorate in Medicine (University of Medicine and Pharmacy of Bucharest)
- Member of the commissions for granting a doctorate in Medicine (University of Medicine and Pharmacy of Craiova)
- Member of the Admission Commission at the Faculty of Medicine University of Medicine and Pharmacy of Craiova (year 2000-present)
- Member of the Bachelor's Committee at the University of Medicine and Pharmacy of Craiova (year 2000-present)
- Member in the Residency Commission of the University of Medicine and Pharmacy of Craiova