

LIST OF SCIENTIFIC PUBLICATIONS

Prof. Dr. Benedek Imre

Impact factor in extenso.....50,74
Impact factor in extenso principal author.....32,26
Relative influence score in extenso.....25,66
Relative influence score principal author.....12,75

I.....4,579,

P.....13,973



1. PhD thesis

Title: Contributions in diagnostic and treatment of dilated cardiomyopathy

Domain: Medicine

Coordinating university: University of Medicine and Pharmacy of Tîrgu-Mureş

Scientific coordinator – Prof. Dr Cotoi Simion

Year of finalisation: 1993

Confirmation – Ordin MEC nr. 6856/1993

2. Books

Since last promotion

1. **Benedek Imre**, Benedek Theodora – *Angio Computer Tomography Multislice in diagnosis of cardiovascular diseases – illustrated guide*. Publisher – University of Oradea, Oradea, 2014, 140 pages, ISBN 978-606-10-1228-2, code CNCSIS 149.

2. Benedek Theodora, **Benedek Imre** – *Cardiovascular rehabilitation – notes*. Publisher - University Press Tîrgu Mureş, 2014, 62 pages, ISBN 978-973-169-284-5, code CNCSIS 210

3. Benedek Theodora, **Benedek Imre**, Chitu Monica, Kovacs Istvan, Benedek Istvan jr – *Major clinical trials in cardiology*. Publisher – University of Oradea, Oradea, 2014, 145 pages, ISBN 978-606-10-1227-5, code CNCSIS 149.

4. **Benedek Imre**, Benedek Theodora – *Heart failure in Dilated Cardiomyopathy*, ed. 2, publisher University Press Târgu-Mureş, 2008, 331 pages, ISBN 978-973-169-046-9, code CNCSIS 210.

Before last promotion

5. **Benedek Imre** – *Heart Failure in Dilated Cardiomyopathy*. Publisher - Editura Didactica si Pedagogica, Bucuresti, 2005, ISBN – 973-30-1054-5, 236 pages

6. **Benedek Imre** – *Endomyocardial biopsy* Publisher - Editura Interval, Cluj-Napoca – 1998, ISBN – 973-98374-5-X, 57 pages

7. **Benedek Imre** – *Contribution of imaging techniques in diagnostic and treatment of peripheral arterial diseases*, Publisher - Editura Interval, Cluj-Napoca – 1998, ISBN – 973-98374-6-8, 152 pages

8. **Benedek Imre** – *Actualities in peripheral arterial diseases*. Publisher - Editura Gloria, Cluj-Napoca – 1997, ISBN – 973-9203-24-8, 218 pages

3. Articles published in extenso

(1) Articles published in extenso in ISI-quoted journals, with impact factor

a) PRINCIPAL AUTHOR

Since last promotion

1. **Benedek Imre**, Gyongyosi Mariann, Benedek Theodora. *A prospective regional registry of ST-elevation myocardial infarction in Central Romania: Impact of the Stent for Life Initiative recommendations on patient outcomes*. **American Heart Journal** 2013, 166 (3):457-465, ISSN 0002-8703, **IF 4,497**. **(this article received an editorial)**

2. Benedek Teodora, Gyöngyösi Mariann, **Benedek Imre**. *Multislice computed tomographic coronary angiography for quantitative assessment of culprit lesions in acute coronary syndromes*. **Canadian Journal of Cardiology**, 2013, 29(3): 364-371, ISSN 0828-282X. **IF 3,122**

3. Benedek Theodora, Jako Beata, **Benedek Imre**. *Plaque Quantification by Coronary CT and Intravascular Ultrasound Identifies a Low CT Density Core as a Marker of Plaque Instability in Acute Coronary Syndromes*. **International Heart Journal**, 2014, 55(1): 22-29, ISSN 1349-2365, **IF 1,23**

4. Benedek Theodora, Matei M., **Benedek Imre**. *Giant aneurysm of the Valsalva sinus associated with multiple coronary artery aneurysms and patent ductus arteriosus*. **European Heart Journal**, 2014 Mar;35(11):690.2013, doi:10.1093/eurheartj/eh417, ISSN 0195-668X, **IF 14,098**.

5. **Benedek Imre**, Bucur Oana, Benedek Theodora. *Intracoronary infusion of mononuclear bone marrow derived stem cells is associated with lower plaque burden after 4 years*. **Journal of Atherosclerosis and Thrombosis**, 2013, vol. 20, doi published online, doi: <http://dx.doi.org/10.5551/jat.19745>, ISSN 1340–3478. **IF 2,69**.

6. Rodica Toganel, Theodora Benedek, Carmen Suteu, **Imre Benedek** - *Aneurysmal aorto-left ventricular tunnel causing right ventricular outflow tract obstruction, associated with bicuspid aortic valve - a case report*. **Heart & Vessels**, 2013. Doi: 10.1007/s00380-013-0445-8. ISSN 0910-8327. **IF 2,126**

7. Benedek Theodora, Chitu Monica, **Benedek Imre** - *Response to Relationship of Race/Ethnicity with Door-to-Balloon Time and Mortality in Patients Undergoing Primary Percutaneous Coronary Intervention for ST-Elevation Myocardial Infarction – Findings From Get With the Guidelines – Coronary Artery Disease*. **Clinical Cardiology**, Clin Cardiol. 2014 May;37(5):322-3, ISSN 0160-9289, **IF 1,834**

8. Rodica Toganel, Theodora Benedek, **Imre Benedek** – *Giant mycotic pulmonary artery aneurysm in a newborn*. **European Heart Journal Cardiovascular Imaging**, 2014, feb 26 (accepted, decision letter EHJCI-D-14-00017R1, published online), ISSN 2047-2404. **IF 2,394**.

9. Benedek Theodora, Oana Bucur, Ionela Pascanu, **Imre Benedek** – *Analysis of coronary plaque morphology by 64-multislice computed tomography coronary angiography and calcium scoring in patients with type 2 diabetes mellitus*. **Acta endocrinologica**, 2011; 7,1:59-68, ISSN 1841-0987, **IF 0,183**.

10. Benedek Theodora, Jako Beata, Suci Zsuzsa, **Benedek Imre** - *Correlations between severity of coronary atherosclerosis and persistent elevation of circulating High Sensitivity C-Reactive Protein levels at 30 days after an Acute Myocardial Infarction*. **Romanian review of laboratory medicine**, 2014, in press (accepted). ISSN:1841-6624 **IF 0,097**

Before last promotion

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b) COAUTHOR

Since last promotion

1. Mariann Gyongyosi, Rayyan Hemetsberger, Susanne Wolbank, Valentin Pichler, Cristoph Kaun, Aniko Posa, Zsolt Petrasi, Ors Petnehazy, Renate Hofer-Warbinek, Rainer de Martin, Florian Gruber, **Imre Benedek**, Theodora Benedek, Istvan Kovacs, Istvan Benedek jr., Christian A.Plass, Silvia Charwat, Gerald Maurer – *Delayed Recovery of Myocardial Blood Flow After Intracoronary Stem Cell Administration*. **Stem Cell Review and Reports**, 2011;7:616-623, ISSN 1550-8943, **IF 3,766**.

2. Gyöngyösi M, Lang I, Dettke M, Beran G, Graf S, Sochor H, Nyolczas N, Charwat S, Hemetsberger R, Christ G, Edes I, Balogh L, Krause KT, Jaquet K, Kuck KH, **Benedek I**, Hintea Teodora, Kiss R, Préda I, Kotevski V, Pejkov H, Zamini S, Khorsand A, Sodeck G, Kaider A, Maurer G, Glogar D., *Combined delivery approach of bone marrow mononuclear stem cells early and late after myocardial infarction: the MYSTAR prospective, randomized study*. **Nature Clinical Practice Cardiovascular Medicine** 2009, 6(1):70-81. ISSN 1743-4297 (Print), ISSN: 1743-4297(web), **IF 5,902**.

3. Nyolczas N, Gyöngyösi M, Beran G, Dettke M, Graf S, Sochor H, Christ G, Edes I, Balogh L, Krause KT, Jaquet K, Kuck KH, **Benedek I**, **Hintea Teodora**, Kiss R, Préda I, Kotevski V, Pejkov H, Dudek D, Heba G, Sylven C, Charwat S, Jacob R, Maurer G, Lang I, Glogar D. *Design and rationale for the Myocardial Stem Cell Administration After Acute Myocardial Infarction (MYSTAR) Study: a multicenter, prospective, randomized, single-blind trial comparing early and late intracoronary or combined (percutaneous intramyocardial and intracoronary) administration of nonselected autologous bone marrow cells to patients after acute myocardial infarction*. **American Heart Journal** 2007;153(2):212.e1-7, ISSN 0002-8703, **IF 3,649**.

4. Pavo Noemi, Charwat Silvia, Nyolczas Noemi, Jakab András, Murlasits Zsolt, Bergler-Klein Jutta, Nikfardjam Mariam, Benedek Imre, **Benedek Teodora**, Gersh Bernard, D Phil, Kurt Huber, Gerald Maurer, Mariann Gyöngyösi - *Cell therapy for human ischemic heart diseases: Critical review and summary of the clinical experiences*. **Journal of Molecular and Cellular Cardiology**, in press (accepted). **IF 5.148**

(2) Articles published in BDI-indexed journals

a) PRINCIPAL AUTHOR

Since last promotion

1. **Benedek Imre**, Chitu Monica, Kovacs Istvan, Balazs Bajka, Benedek Theodora. *Incremental value of preprocedural Coronary Computed Tomographic Angiography to classical Coronary Angiography for prediction of PCI complexity in left main stenosis. World Journal of Cardiovascular Diseases*, 2013 vol. 3 no.9, 573-580. ISSN print 2164-5329, ISSN online 2164-5337. Baza de date: DOAJ, link: <http://www.doaj.org/>
2. Theodora Benedek, Claudia Matei, Istvan Kovacs, Monica Chitu, Beata Jako, Zsuzsanna Suciú and **Imre Benedek**. *Regional contractility as predictor for left ventricular reverse remodeling after revascularization for chronic total occlusions - a 3d echocardiographic study. International Journal of Basic and Applied medical sciences*, 2013, vol. 3, p.92-99. ISSN 2277-2103 Baza de date: Index Copernicus, link: <http://journals.indexcopernicus.com/>
3. Theodora Benedek, Istvan Kovacs, Monica Chitu, **Imre Benedek** - *Impairment of regional contractility assessed by 3D computerized echocardiography predicts left ventricular remodeling after revascularized acute myocardial infarction. Medicina Interna* 2014 (accepted). Baza de date: Index Copernicus, link: <http://journals.indexcopernicus.com/>
4. Jako Beata, Benedek Theodora, Suciú Zsuzsanna, **Benedek Imre** - *High calcium score predicts severity of the culprit lesions in patients with acute coronary syndromes. Acta Medica Marisiensis* 2013 Vol 59 no.6. ISSN 2068-3324, baza de date EBSCO, link: <http://www.ebscohost.com/titleLists/tnh-coverage.htm>
5. Jako Beata, Benedek Theodora, Suciú Zsuzsanna, **Benedek Imre** - *Correlations between regional accumulation of calcium in the culprit arteries and plaque burden in acute coronary syndromes. Acta Medica Marisiensis* 2013 Vol 59 no 5. ISSN 2068-3324, baza de date EBSCO, link: <http://www.ebscohost.com/titleLists/tnh-coverage.htm>
6. Suciú Zsuzsanna, Benedek Theodora, Jako Beata, **Benedek Imre** - *Correlations between severity of coronary calcification and impairment of Left Ventricular Ejection Fraction . Acta Medica Marisiensis* 2013 Vol 59 no.5. ISSN 2068-3324, baza de date EBSCO, link: <http://www.ebscohost.com/titleLists/tnh-coverage.htm>
7. Cristina Blesneac, Theodora Benedek, Rodica Toganel, **Benedek Imre** – *Clinical features and echocardiographic findings in children with hypertrophic cardiomyopathy. Acta Medica Marisiensis* 2013, vol. 59, no.6. ISSN 2068-3324, baza de date EBSCO, link:

<http://www.ebscohost.com/titleLists/tnh-coverage.htm>

8. Theodora Benedek, Claudia Matei, Monica Chitu, I.Kovacs, I.A.Sarbu-Pop, Diana Horga, Melinda Kurtinecz, Zsuzsanna Suciu, Szillard Madaras, **I.Benedek** – *Computerised 3D Dobutamine Stress Echocardiography for Objective Assesment of Myocardial Ischemia and Viability*. **Acta Medica Marisiensis**, vol.56, suppl 1, 2010, 5-7, ISSN 2068-3324, baza de date EBSCO, link: <http://www.ebscohost.com/titleLists/tnh-coverage.htm>

9. **I.Benedek**, Gabriela Kozma, Monica Chitu, I.Kovacs, A.Sarbu, Melinda Kurtinecz, Claudia Matei, Zsuzsanna Suciu, Diana Horga, Sz.Madaras, Theodora Benedek – *Actualities in the Interventional Treatment of Peripheral Chronic Total Occlusions*. **Acta Medica Marisiensis**, vol.56, suppl 1, 2010, 16-18. ISSN 2068-3324, baza de date EBSCO, link: <http://www.ebscohost.com/titleLists/tnh-coverage.htm>

10. Theodora Benedek, I.A.Sarbu-Pop, Claudia Matei, Monica Chitu, I.Kovacs, Diana Horga, Melinda Kurtinecz, Zsuzsanna Suciu, Sz.Madaras, **I.Benedek** – *Computerised 3D echocardiography for Complex Assesment of Left Atrial Remodelling in atrial fibrillation*. **Acta Medica Marisiensis**, vol.56, suppl 1, 2010, 22-25. ISSN 2068-3324, baza de date EBSCO, link: <http://www.ebscohost.com/titleLists/tnh-coverage.htm>

11. **I.Benedek**, Gabriela Kozma, Monica Chitu, I.Kovacs, A.Sarbu, Melinda Kurtinecz, Claudia Matei, Zsuzsanna Suciu, Diana Horga, Sz.Madaras, Theodora Benedek – *Complex Endovascular Strategies in the treatment of peripheral arterial diseases – challenging arterial approaches in total chronic occlusions*. **Acta Medica Marisiensis**, vol.56, suppl 1, 2010, 30-35. ISSN 2068-3324, baza de date EBSCO, link: <http://www.ebscohost.com/titleLists/tnh-coverage.htm>

12. Theodora Benedek, Monica Chițu, Claudia Matei, Madaras Szillard, Alexandru Sarbu, **Imre Benedek**, *Correlation between computerized 3D echocardiographic evaluation of ventricular geometry, myocardial viability and development of remodeling in dilated cardiomyopathy*. Proceedings of the conference „Complexity in artificial and natural systems - CANS 2008”, (indexată ISI), ed. Univ. Petru Maior, Tg.Mures, p.331-337, ISBN 978-973-7794-76-5.

13. I.A.Sarbu-Pop, Theodora Benedek, I.Kovacs, Monica Chitu, Melinda Kurtinecz, Claudia Matei, Zsuzsanna Suciu, Diana Horga, Sz. Madaras, **I.Benedek** – *Pulmonary Vein Isolation by Circumferential Radiofrequency Lesions in Atrial Fibrillation*. **Acta Medica Marisiensis**, vol.56, suppl 1, 2010, 8-10, ISSN 2068-3324, baza de date EBSCO, link: <http://www.ebscohost.com/titleLists/tnh-coverage.htm>

14. Sz.Madaras, Theodora Benedek, I.Kovacs, I.A.Sarbu-Pop, Monica Chitu, Melinda Kurtinecz, Claudia Matei, Zsuzsanna Suciu, Diana Horga, **I.Benedek** – *Difficulties in Mortality Reduction in Acute Coronary Syndromes in a Population of 1 million Inhabitants*

with low adherence to European guidelines. **Acta Medica Marisiensis**, vol.56, suppl 1, 2010, 11-15. ISSN 2068-3324, baza de date EBSCO, link: <http://www.ebscohost.com/titleLists/tnh-coverage.htm>

15. Claudia Matei, Theodora Benedek, Monica Chitu, I.Kovacs, I.A.Sarbu-Pop, Sz.Madaras, Diana Horga, Melinda Kurtinecz, Zsuzsanna Suciu, **I.Benedek** – *Three-Dimensional Imaging to Evaluate Efficacy of Revascularisation at 3 months follow-up in post myocardial infarction patients*. **Acta Medica Marisiensis**, vol.56, suppl 1, 2010, 19-21 ISSN 2068-3324, baza de date EBSCO, link: <http://www.ebscohost.com/titleLists/tnh-coverage.htm>

16. I.Benedek jr., Theodora Benedek, I.Kovacs, Claudia Matei, Monica Chitu, Diana Horga, I.A.Sarbu-Pop, Sz.Madaras, Melinda Kurtinecz, Zsuzsanna Suciu, **I.Benedek** – *Assesment of Reversed Left Ventricular Remodelling after Reopening of Coronary Arteries and Stem Cell Transplantation*. **Acta Medica Marisiensis**, vol.56, suppl 1, 2010, 26-30. ISSN 2068-3324, baza de date EBSCO, link: <http://www.ebscohost.com/titleLists/tnh-coverage.htm>

Before last promotion

17. **Imre Benedek**, Teodora Hintea *Current developments in interventional treatment of total terminal aortic occlusions – laser, stent and balloon angioplasty: experience of Cardiology Clinic of Targu-Mures* **Romanian Journal of Internal Medicine**, 2005, vol. 43 no. 3-4, p. 223-233. ISSN: 1582-3296, Editura Academiei Române, Baza de date: Pubmed, link: <http://www.ncbi.nlm.nih.gov/pubmed/>

18. **Benedek Imre**, Teodora Hintea, *Endomyocardial biopsy in myocardial diseases*, **Romanian Journal of Internal Medicine**, 1999, 37(3):207-215. ISSN 0035-3973, Editura Academiei Române, Baza de date: Pubmed, link: <http://www.ncbi.nlm.nih.gov/pubmed/>

19. **Imre Benedek**, Teodora Hintea, Janos Szederjesi – *Correlations between left ventricular architectonics (evaluated with 3D echocardiography) in dilated cardiomyopathy and perturbations of apical haemodynamics, complicated with left ventricular thrombosis – importance of early detection in prevention of systemic thromboembolism*. **Advances in Coronary Artery Disease – proceedings of the 4th International Congress on Coronary Artery Disease**, 2001, Prague, pag. 211-216. ISBN 88-323-1121-6. (Medimond International proceedings, <http://www.medimond.com/proceedings/>)

20. **Benedek Imre**, Teodora Hintea, Benedek Istvan - *Intra-arterial segmental thrombolysis in patients with arterial embolism with cardiac origin*. **Romanian Journal of Internal Medicine**, 1999, XXXVII, No.1, p. 10-17. Editura Academiei Române, ISSN 0035-3973. Baza de date: Pubmed, link: <http://www.ncbi.nlm.nih.gov/pubmed/>

21. **Imre Benedek**, Rodica Toganel, Teodora Hintea, Emil Fagarasanu, *A novel method to monitor endothelial changes of pulmonary vessels – Transvascular Pulmonary Puncture-Biopsy*, **Romanian Journal of Internal medicine**, Vol.37, Nr.2, 1999, p.121-129.Editura

Academiei Române, ISSN 0035-3973 Baza de date: Pubmed, link:
<http://www.ncbi.nlm.nih.gov/pubmed/>

22. **I.Benedek**, Teodora Hintea, Rodica Toganel. *Myocardial fibres in pulmonary veins – possible compensatory factor in dilated cardiomyopathy*. **Romanian Journal of Internal Medicine**, Vol. 36, No.3-4, 1998, p:175-183, Editura Academiei Române, ISSN 0035-3973, Baza de date: Pubmed, link: <http://www.ncbi.nlm.nih.gov/pubmed/>

b) COAUTHOR

Since last promotion

23. Mariann Gyongyosi, Rayvan Hemetsberger, Aniko Posa, Silvia Charwat, Noemi Pavo, Ors Petnehazy, Zsolt Petrasi, Imre J Pavo, Hani Hemetsberger, **Imre Benedek**, Teodora Benedek, Istvan Benedek jr., Istvan Kovacs, Cristoph Kaun, Gerald Maurer. *Hypoxia-inducible factor-1alpha release after intracoronary versus intramyocardial stem cell therapy in myocardial infarction*. **Journal of Cardiovascular Translational Research**, Volume 3, Number 2 / April, 2010 , pag 114-121, ISSN:1937-5387 (Print) 1937-5395 (Online). Baza de date: Pubmed, link: <http://www.ncbi.nlm.nih.gov/pubmed/>

Before last promotion

24. Incze A., Cotoi S. **Benedek I.**, Jancso I - Ecocardiografia Doppler în diagnosticul cardiopatiilor valvulare. Descrierea tehnicii și rezultatele preliminariei. Revista Medicală (Revue Romaine de Medicine Interne), 1981, XXVII, 1, p.70-74. ISSN: 0377-1202

25. Cotoi S., Repolski M, Georgescu C, **Benedek I**, Davidovici L Studiul Efectului Ajmalinei în flutterul atrial. Revista Medicală (Revue Romaine de Medicine Interne), 1977, XXIII, 1, pag.35-36, 87-88. ISSN 0377-1202

26. Deac R., **Benedek I.**, Brădișteanu Ș. Cardiac valve replacement with pericardial xenograft. Cardiovascular surgery, editura Springer-Verlag, Berlin- Heidelberg- New-York.1980, p.640-644. ISSN 0967-2109

5. Articles published in abstract in journals of scientific meetings ISSN or ISBN

i) ISI - indexed

a) First author

1. **I.S. Benedek**, M. Chitu, I. Kovacs, I. jr Benedek, Zs. Suci, T. Benedek - Intracoronary infusion of stem cells reduces local atherosclerosis progression on long term follow-up - an Angio CT multislice 64 study. European Congress of Cardiology, Amsterdam, aug 2013. *European Heart Journal* (2013) 34 (Abstract Supplement), 842-843. ISSN 0195-668X **Impact factor 14.098**
2. **I.S. Benedek**, M. Chitu, I. Kovacs, Zs. Suci, C. Blendea, O. Bucur, T. Benedek. Characterisation of plaque progression pattern associated with in-stent restenosis using a complex Angio CT multislice, VH-IVUS and OCT assessment. European Congress of Cardiology, Amsterdam, aug 2013. *European Heart Journal* (2013) 34 (Abstract Supplement), 232. ISSN 0195-668X **Impact factor 14.098**
3. **I.S. Benedek**, B. Jako, T. Benedek - Impact of logistic network organization in reduction of STEMI mortality in an unselected population from Central Romania. European Congress of Cardiology, august 2012, Munich, *European Heart Journal* (2012) 33 (Abstract Supplement), 146-147. ISSN 0195-668X **Impact factor 14.098**.
4. **I. Benedek**, I Kovacs, Z Suci, B Jako, M Chitu, IA Sarbu-Pop, I Benedek Jr, T Benedek. Three-dimensional assesment of left atrial mechanical and structural remodelling in patients with heart failure and atrial fibrillation. European Congress of Heart Failure, Gotteborg may 2011 *European Journal of Heart Failure* (2011) 10 (S1), S239. ISSN: 1388 – 9842 **Impact factor 14,098**
5. **I.S. Benedek**, M. Chitu, I. Kovacs , A. Sarbu, M. Kurtinecz, C. Matei, S.Z. Madaras , G. Kozma, I. Benedek, T. Benedek - Mortality reduction in acute myocardial Infarction following organization of a regional network in a population of 1 million inhabitants with low-adherence to european guidelines - European Congress of Cardiology august Barcelona 2009, *European Heart Journal* 2009;Vol.30(Abstract Supplement):338, ISSN 0195-668X, **Impact factor 14,098**
6. **I.S. Benedek**, M. Chitu, C. Matei, A. Sarbu, I. Kovacs, Z.S. Szoke, T. Benedek - Correlations between computerized 3D echocardiographic evaluation of the ventricular geometry, intracavitary flow haemodynamics and the development of remodelling in dilated cardiomyopathy – European Congress of Heart Failure Nice, june 2009, *European Journal of Heart Failure* Suppl 2009; Vol. 8(2); 426., ISSN: 1388 – 9842, **Impact factor 3,398**
7. **I S. Benedek**, C. Matei, M. Chitu, I. Kovacs, A. Sarbu, M. Kurtinecz, ZS. Szoke, T. Benedek - Computerized 3D echocardiographic assessment of the impact of pericardial

inflammatory diseases on the left ventricular function and intracavitary haemodynamics - European Congress of Heart Failure Nice, june 2009, *European Journal of Heart Failure* Suppl 2009; Vol. 8(2); 1461, ISSN: 1388 – 9842, **Impact factor 3,398**

impact 3,398

b) Coauthor

1. T. Benedek, C. Matei, B. Jako, Zs. Suci, **I. Benedek** - Corelations between impairment of regional contractility and development of left ventricular remodeling following revascularized acute myocardial infarction - a 3D echocardiographic study. Euro Echo Imaging Congress, Istanbul, 2013, dec., **Eur Heart J Cardiovasc Imaging** 2013, 14, suppl. 2, ii26. ISSN 2047-2404, **Impact factor 2,394**.
2. T. Benedek, M. Chitu, C. Matei, Z.S. Suci, B. Jako, K. Pal, **I. Benedek** Regional contractility as predictor for left ventricular reverse remodeling after revascularization for chronic total occlusions - a 3D echocardiographic study. European Congress of Cardiology, Amsterdam, aug 2013. *European Heart Journal* (2013) 34 (Abstract Supplement), 1097-1098. ISSN 0195-668X **Impact factor 14.098**
3. T Benedek, M Chitu, J Beata, ZS Suci, I Kovacs, O Bucur, **I Benedek** - Three-dimensional assesment of left atrial remodelling in atrial fibrillation using 3D echocardiography and angio CT multislice 64. Euroecho, Budapest 2011, *Eur J Echocardiography* Abstracts Supplement (2011) 12 (S2), ii16. ISSN 1525-2167, **revistă cotată ISI, Impact factor 2,117**
4. T. Benedek, M Chitu, I Kovacs, IA Sarbu-Pop, Z Suci, B Jako, **I Benedek**, IS Benedek - Correlation between postinfarction remodelling process and development of ventricular arrhythmia in ischaemic dilated cardiomyopathy. European Congress of Heart Failure, Gotteborg may 2011. *European Journal of Heart Failure* Supplements (2011) 10 (S1), S33. ISSN: 1388 – 9842, **Impact factor 4.896**
5. T Benedek, M Chitu, O Bucur, I Kovacs, IA Sarbu-Pop, Z Suci, B Jako, I Benedek Jr, **IS Benedek** - Three-dimensional assesment of left ventricular remodelling and ischemia in ischaemic dilated cardiomyopathy using 3D echocardiography and angio CT multislice 64. European Congress of Heart Failure, Gotteborg may 2011. *European Journal of Heart Failure Supplements* (2011) 10 (S1), S136. ISSN: 1388 – 9842, **Impact factor 4.896**
6. Benedek Theodora, Sarbu Alexandru, Kovacs Istvan, Chițu Monica, Madaras Szilard, Matei Claudia, Horga Diana, **Benedek Imre** “Correlations between left atrial remodelling process and rhythm-control versus rate-control option in atrial fibrillation – a Computerized 3D Echocardiography based study”- European Congress of Echocardiography, Madrid december 2009, *European Journal of Echocardiography* vol. 10, suppl. 2, dec. 2009, ISSN 1525-2167, p. ii 157, **Impact factor 1,917**

7. T. Benedek, M. Chitu, C. Matei, I. Kovacs, SZ. Madaras, **I. Benedek**, A. Sarbu, IS. Benedek - Improvement of left ventricular function following intracoronary injection of stem cells after acute myocardial infarction, a computerized 3D echocardiography-based study. European Congress of Heart Failure Niuce, june 2009, *European Journal of Heart Failure* Suppl 2009; Vol. 8(2); 1407, ISSN: 1388 – 9842, *factor de impact 4,896*

ii) With ISSN-ISBN

1. T. Benedek, M. Chițu, I. Kovacs, B. Jako, I. Benedek jr, Z. Suciu, **I. Benedek** – Reduction of atherosclerosis progression on long term following intracoronary stem cell injection, assessed with Angio CT multislice 64. National Congress of Cardiology, Sinaia oct. 2013, Romanian Journal of Cardiology, Vol. 23, Supplement B, 2013, P177, ISSN: 1583-2996
2. T. Benedek, M. Chițu, I. Kovacs, B. Jako, K. Pal, **I. Benedek** Correlations between Angio CT markers of vulnerability of culprit lesions and development of an acute coronary syndrome in NSTEMI versus Unstable Angina. National Congress of Cardiology, Sinaia oct. 2013, Romanian Journal of Cardiology, Vol. 23, Supplement B, 2013, P209, ISSN: 1583-2996
3. Benedek Theodora, Jako Beata, Nagy Timea, Pal Kinga, **Benedek I.** Assessment of culprit lesions in NSTEMI versus unstable angina using 64 multi-slice computed tomography. Hungarian Congress of Cardiology, Balaton, may 2013, Cardiologia Hungarica, 2013 Suplimentum ISSN 0133-5596
4. Benedek Theodora, Jako Beata, Bajka B, Chitu Monica, Kovacs I, Benedek Anabel, **Benedek I.** Intracoronary infusion of mononuclear bone marrow derived stem cells is associated with lower plaque burden after 4 years, Scientific session of UMF Tg.Mures, december 2013, Acta Medica Marisiensis, Volume 59, supplement 4, 2013. ISSN 2068-3324
5. Benedek Theodora, Jako Beata, Nagy Timea, Pal Kinga, **Benedek I.** Assessment of culprit lesions in NSTEMI versus unstable angina using 64 Multi-Slice Computed Tomography. Scientific session of UMF Tg.Mures, decembe 2012, Acta Medica Marisiensis, 2012, 58/supliment 3, ISSN 2068-3324r
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Prof. Dr. Benedek Imre