

**Curriculum vitae
Europass**

Informații personale

Nume / Prenume

Adresă(e)

Telefon(oane)

E-mail(uri)

Naționalitate(-tăți)

Data nașterii

Sex

**Locul de muncă vizat / Domeniul
ocupational**

**Spitalul Clinic Județean de Urgență Mureș
Medic primar cardiolog**

Experiența profesională

Perioada

Funcția sau postul ocupat

Activități și responsabilități principale

Numele și adresa angajatorului

Tipul activității sau sectorul de
activitate

Perioada

Funcția sau postul ocupat

Activități și responsabilități principale

Numele și adresa angajatorului

Tipul activității sau sectorul de
activitate

Perioada

Funcția sau postul ocupat

Activități și responsabilități principale

Tipul activității sau sectorul de
activitate

Educație și formare

Perioada

Disciplinele principale studiate /
competențe profesionale dobândite

Numele și tipul instituției de
învățământ / furnizorului de formare

Nivelul în clasificarea națională sau
internațională

1997-2001

Medic rezident cardiologie

Activitate clinică, cercetare

Spitalul Clinic Județean de Urgență Mureș, Târgu Mureș
Sănătate

2001-2008

Medic specialist cardiologie

Activitate clinică

Spitalul Clinic Județean de Urgență Mureș, Târgu Mureș
Sănătate

Din 2008-prezent

Medic primar cardiolog

Activitate clinică, cercetare, didactica

Sănătate

1990-1996

Medicină generală

Universitatea de Medicină și Farmacie „Iuliu Hatieganu „, Cluj Napoca

Diploma de licența seria nr 0025258 din 157/25.09.1996

Perioada
Calificarea / diploma obținută
Disciplinele principale studiate /
competențe profesionale dobândite
Numele și tipul instituției de
învățământ / furnizorului de formare
Disciplinele principale studiate /
competențe profesionale dobândite
Perioada
Calificarea / diploma obținută
Disciplinele principale studiate /
competențe profesionale dobândite
Numele și tipul instituției de
învățământ / furnizorului de formare
Disciplinele principale studiate /
competențe profesionale dobândite
Numele și tipul instituției de
învățământ / furnizorului de formare
Disciplinele principale studiate /
competențe profesionale dobândite

Participare științifică

22-26 iunie 2000
2006

17-20 iunie 2011
2001,2003,2004,2005,2007,2008,
2009,2011, 2012-2020

2003-2020
2009, 2010, 2011, 2012-2020

Activitate științifică

2009 iunie-2012

2003-2005

2006-2007

1997-2001 rezidentiat cardiologie Spitalul Clinic Judetean Mures
Medic specialist cardiolog confirmat prin OMS 866/03.12.2001
Cardiologie

Universitatea de Medicină și Farmacie din Tg-Mureș, Facultatea de Medicină Generală

Medic primar cardiolog

2008

Nr 1025/29.10.2009

Competența în ecocardiografie certificat seria A nr 006343/29.05.2002

Ministerul Sanatatii –Directia generala de perfectionare postuniversitara a medicilor
si farmacistilor din Romania

**Atestat de studii complementare in cardiologia interventionala nr 30594 din 20.
ian.2012**

**Atestat de studii complementare pentru implantarea de stimulatoare cardiace nr
1405/2019**

Ministerul Sanatatii –Directia generala de perfectionare postuniversitara a medicilor
si farmacistilor din Romania

Teza de doctorat cu titlul „**Corelații între remodelarea cavitară și abordarea
tulburărilor de ritm și conducere din cardiomiopatia dilatativă**”

Diploma de doctor in stiinte medicale ale Universitatii de Medicina si Farmacie Tg
Mures OMS nr 4387/06.06.2011

Congresul European de Cardiologie Lyon –France

28th European Congress of Cardiology/World Congress of Cardiology 2006

-Barcelona

European Congress of heart failure –Rotterdam

Congresul National al Societatii Romane de Cardiologie –Sinaia

Conferință de Cardiologie, cu participare internațională, Târgu Mureș
Zilele Universității, Sesiunea cadrelor didactice, Târgu Mureș

STUDII CLINICE INTERNAZIONALE

Investigator in studiul clinic internațional multicentric LPL 1006010- Stability
(LPL 1006010- Stability -A clinical outcomes study of darapladib versus placebo in
subjects with chronic coronary heart disease to compare the incidence of major adverse
cardiovascular events) Sponsor: GlaxoSmithKline (GSK)

The Euro Heart Survey on Valvular Heart Disease

Systemic Nanoparticle Paclitaxel (*nab*-Paclitaxel) for In-stent Restenosis I (SNAPIST-I):
A First-in-Human Safety and Dose-finding Study

2003-2005

Facilitated percutaneous coronary intervention versus primary percutaneous coronary intervention: design and rationale of the Facilitated Intervention with Enhanced Reperfusion Speed to Stop Events (FINESSE) trial.
(PMID:15077099)

2009- 2013

Phospholipase A2 inhibitors in the treatment of atherosclerosis: a new approach moves forward in the clinic STABILITY study

2011-2014

Study design and rationale for the Stabilization of pLaques usIng Darapladib—Thrombolysis in Myocardial Infarction (SOLID-TIMI 52) trial in patients after an acute coronary syndrome

2011-2014

Randomized, Double-Blind, Dose-Ranging Study of Otamixaban, a Novel, Parenteral, Short-Acting Direct Factor Xa Inhibitor, in Percutaneous Coronary Intervention The SEPIA-PCI Trial

2013-2018

RELAX-AHF-2 Clinical Trial-Efficacy, Safety and Tolerability of Serelaxin When Added to Standard Therapy in AHF (RELAX-AHF-2)

2018-20121

Rationale and design of Apo-I Event Reduction in Ischemic Syndromes I (AEGIS-I): A phase 2b, randomized, placebo-controlled, dose-ranging trial to investigate the safety and tolerability of CSL112, a reconstituted, infusible, human apoA-I, after acute myocardial infarction

Publicatii in carti de specialitate

anced in multymodal monitoring in
the critically ill patient
A Rogobete , H. Bedreag, D. Sandesc
Academic Publishing Lambert 2016
2019-2021

ICU patient monitoring following acute myocardial infarction
Biomarkers in acute heart failure

Lista lucrarilor publicate în extenso in volume unor manifestări științifice internaționale (cu ISSN sau ISBN)

Current medical imaging 2020
Vol 16 111-122,
DOI:10.2174/1573405614661801736

Cardiovascular imaging for guiding interventional therapy in structural heart diseases
Rat N, Muntean I, Opincariu D, Gozar L, Toganel R, **Chitu M**.

edicine (2018)97:49(e13498)

Impact of coronary plaque geometry on plaque vulnerability and its association with the risk of future cardiovascular events in patients with chest pain undergoing coronary computed tomographic angiography –the geometry study
M. Ratiu, **M. Chitu**, I. Benedek, Th. Benedek, I. Kovacs, N. Rat, C. Rezus, FI -.812

Nutrition&Dietetics 2019
DOI 10.1111/1747-0080.12536

Altered nutritional status, inflammation and systemic vulnerability in patients with acute myocardial infarction undergoing percutaneous coronary revascularisation : a prospective study in a level 3 cardiac critical care unit.
V. Rus, **M. Chitu**, S. Cernea, I. Benedek, R. Hodas, R. Zavate, T. Nyulas, M. Hintea , Th. Benedek FI 1,742

Medicine (2019),98:9(e14504)

Medicine(2019)98:1(e15194)

Medicine 2020
<http://dx.doi.org/10.1097>

The international Journal of
cardiovascular Imaging aor 2020-
<https://doi.org/10.1007/s10554-020-01926-1>

Letter to editor
International Journal of cardiology
240(2017) 502

The Journal of Critical Care medicine
2016(1)22-29

Journal of cardiovascular emergencies
2018;4(3):123-132
DOI:10.2478/jce-2018-0020

Journal of cardiovascular emergencies
2016;2(2):71-75
DOI:10.1515/jce-2016-0011
original research

Journal of cardiovascular emergencies
2016;2(2):71-75
DOI:10.1515/jce-2016-0011
case report

Journal of cardiovascular emergencies
2016;2(1):32-36
DOI:10.1515/jce-2016-0006
case report

Journal of cardiovascular emergencies
2017;3(2):72-78
DOI:10.1515/jce-2017-0012
original research

R. Cucuruzac, I. Munteanu, I. Benedek, A. Mester, N. Rat, A. Mitre, **M. Chitu**, Th. Benedek FI 2,197

Impact of inflammation mediated myocardial fibrosis on the risk of recurrence after successful ablation of atrial fibrillation –the FIBRO-RISK study
S/Korodi, R. Toganel, Th. Benedek, R. Hodas, **M. Chitu**, M. Ratiu, I. Kovacs, A. Mester, I. Benedek FI 1,552

Impact of inflammation mediated response on pan-coronary plaque vulnerability, myocardial viability and ventricular remodeling in the postinfarction period –the Vlability study
M. Morariu, R. Hodas, Th. Benedek, I. Benedek, D. Opincariu, A. Mester, **M. Chitu**, I. Kovacs, C. Rezus, D. Pasaroiu, N. Mitra, S. Szilagyi, D. Georgescu, E. Rezus IF 1,552

Impact of cardiac rehabilitation programs on left ventricular remodelling after acute myocardial infarction -study protocol clinical trial (SPIRIT compliant)
M. Ghircau Susca, R. Hodas, Th. Benedek, I. Benedek, **M. Chitu**, D. Opincariu, A. Chioturoiu, C. Rezus FI 1,552

From CT to artificial intelligence for complex assessment of plaque –associated risk
D. Opincariu, Th. Benedek, **M. Chitu**, N. Rat, I. Benedek FI 1.969

Plaque vulnerability, post PCI tissue prolapse and neoatherosclerosis
T. Nyulas, **M. Chitu**, Th. Benedek

Predictors of mortality in Patients with ST-segment elevation acute myocardial infarction and resuscitated out-of-cardiac arrest
A. Barcan, **M. Chitu**, E. Benedek, N. Rat, S. Korodi, M. Morariu, I. Kovacs

Atrial fibrillation and acute myocardial infarction –an inflammation- mediated association
D. Opincariu, **M. Chitu**

CT-based assessment of myocardial bridging in patients with acute chest pain and no atherosclerotic etiology
A. Stanescu, Z. Suci, N. Rat, M. Morariu, **M. Chitu**

Treatment difficulties in high risk pulmonary embolism. A case report
B. Bajka, E. Benedek, A. Stanescu, E. Rapolti, **M. Chitu**, I. Kovacs

A massive aortic intramural haematoma-an aortic emergency
b. Jako, L. Jani, D. Opincariu, A. Mester, I. Kovacs, **M. Chitu**

A comparative preliminary study on CT contrast attenuation gradient versus invasive FFR in patients with unstable angina
M. Orzan, M. Dobra, **M. Chitu**

Journal of cardiovascular emergencies
2016;2(4):173-184
DOI:10.1515/jce-2016-0028
original research

Journal of cardiovascular emergencies
2016;2(3):114-121
DOI:10.1515/jce-2016-0018
original research

Journal of cardiovascular emergencies
2020;6(3):63-66
DOI:10.2478/jce-2020-0012
case report

Journal of cardiovascular emergencies
2017;3(3):121-127
DOI:10.1515/jce-2017-0016
original research

Journal of interdisciplinary medicine
2017;2(1)22-26
DOI:10.1515/jim-2017-0024 review

Journal of interdisciplinary medicine
2016;11(1)71-78
DOI:10.1515/jim-2016-0014 original
research

Journal of interdisciplinary medicine
2016;1(3)231-236
DOI:10.1515/jim-2016-0073 review

Journal of interdisciplinary medicine
2016;1(3)237-241
DOI:10.1515/jim-2016-0070 review

Journal of interdisciplinary medicine
2016;1(3)263-266
DOI:10.1515/jim-2016-0070 clinical
update

Journal of interdisciplinary medicine
2018;3(3)186-195
DOI:10.1515/jim-2018-0035 original
research

Journal of interdisciplinary medicine
2018;3(3)186-195
DOI:10.1515/jim-2018-0036 original
research

Assessment of coronary plaque vulnerability in acute coronary syndromes using optical coherence tomography and intravascular ultrasound .A systematic review.
Th.Benedek, A. Mester, A. Benedek, N.Rat, D.Opincariu, **M. Chitu**

Integrated ST segment elevation scores and in-hospital mortality in STEMI patients undergoing primary PCI
D.Opincariu, **M. Chitu**, I. Benedek

Identical STEMI pattern in two siblings with different risk factors
R.Gerguly, C.Libenciuc, N.Rat, I.Kovacs, **M. Chitu**, I. Benedek, Th. Benedek

Transluminal contrast attenuation gradient is associated with coronary plaque vulnerability –a computed tomography angiography –based study
M. Orzan , R. Hodas, M. Dobra, N. Rat, **M. Chitu**, I. Benedek

Low-density carotid plaques and the risk of stroke
M.Chitu, Th.Benedek, N.Rat, R.Hodas, A.Mester, A.Benedek ,L.Bordi ,I.Benedek

Correlations between severity of coronary lesions and epicardial fat volume in patients with coronary artery disease-a multislice CT based study
R.Hodas, S.Pop,D.Opincariu, N.Rat,L. Jani, A.Stanescu, E.Benedek, I.Benedek ,
Th.Benedek , **M.Chitu**

Invasive FFR-current applications and new developments
M. Chitu , N.Rat, D.Opincariu,A.Stanescu, A.Mester, Th.Benedek , I.Benedek

CT determination of fractional flow reserve in coronary lesions
A.Mester,**M.Chitu**, N.Rat, D.Opincariu, L. Bordi, A. Stanescu, M. Orzan , T .Nyulas
I.Benedek

Computed tomography biomarkers of vulnerable coronary plaques
T.Nyulas, **M. Chitu**, A. Mester, L. Jani, S. Condrea, D. Opincariu, I. Kovacs, I. Benedek,
Th. Benedek

CTA assesment of coronary atherosclerotic plaque evolution after BVS implantation –a follow-up study
I.Ferent, A.Mester,**M. Chitu**, A. Benedek, M. Ratiu,R. Hodas,I. Benedek

CTA evaluation of bioresorbable scaffolds versus metallic coronary stents-a feasibility study
I.Ferent, A.Mester,M.Chitu,A.Benedek, M.Ratiu, R.Hodas, I.Benedek.

Journal of interdisciplinary medicine
2017:2(1)27-30
DOI:10.1515/jim-2017-0021 original
research

Positive remodeling as a biomarker of plaque vulnerability –at the border between
invasive and noninvasive assessment
T.Nyulas, M.Morariu, M.Chitu, A.Stanescu,L.Jani, E.Benedek, D.Cernica,
E.Himcinschi, A.Benedek, I.Benedek

Journal of interdisciplinary medicine
2018:3(4) 229-233
DOI:10.1515/jim-2018-0029 clinuca
update

Th role of carotid ultrasonography in patients with high riskof atherosclerosis
B.Olteran-Peter, I.Kovacs, M. Chitu, I. Benedek

Journal of interdisciplinary medicine
2018:3(2) 84-89
DOI:10.1515/jim-2018-0020 original
research

The effect of epicardial fat on the right and left ventricular function in subjects with
various etiological types of pulmonary arterial hypertension
N.Rat, D.Opincariu, C.Blendea, R. Cucuruzac, M.Pirvu, M.Chitu, I.Benedek, Th.Benedek

Journal of interdisciplinary medicine
2016:1(1) 37-41
DOI:10.1515/jim-2016-0008 original
research

Factors assoiated with development of in coronary stent restenosis-the results of a
multislice computed tomography 1-year follow up study
L.Jani, A.Mester, A.Stanescu, S.Condrea, M.Chitu, I.Kvacs, I.Benedek, Th.Benedek

Journal of interdisciplinary medicine
2016:1(3) 259-262
DOI:10.1515/jim-2016-0067 clinical
update

Myocardial fibrosis and the risk of recurrence in atrial fibrillation
I.Kovacs, A.Mester, L.Bordi, A.Stanescu, S.Condrea, M.Chitu , A.Benedek I.Benedek

Journal of interdisciplinary medicine
2017:2(2) 150-154
DOI:10.1515/jim-2017-0050 cases series

High-risk coronary plaques complicatedwithacute coronary syndrome in young patients
D.Opincariu, D.Cernica, M.Orzan, M.Chitu,Z.Suciu ,N.Rat, Th.Benedek, I.Benedek

Journal of interdisciplinary medicine
2020:5(3) 86-90
DOI:10.2478/jim-2020-0023

COVID-19 and thrombosis predisposition
R.Gerculy, C.Libenciuc, N.Rat, M.Chitu, I.Benedek

Journal of interdisciplinary medicine
2020:5(3) 120-125
DOI:10.2478/jim-2020-0024

A case of acute myocardial injury-MINOCA or myocarditis?
C.Libenciuc, R Licu, I.Kovacs, M .Chitu, I.Benedek

**Coronary Artery Disease. Clinical
Cardiology**, Clinic of cardiology 2014
May 37(5) :322-3,ISSN 0160-9289,
IF1,834

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*

Acta Medica Marisiensis 2014 60(6),
285-287

Chitu Monica , Benedek Teodora, Condea S. Blendea C.Benedek I-*An unusual case of
cardiac syncope and acute coronary syndrom – case report*

Applied medicalsciences, 2013, vol. 3, p.92-99., ISSN 2277-2103 Baza de date: Index Copernicus, link: <http://journals.indexcopernicus.com/>

Medicina Interna 2014, Baza de date: Index Copernicus, link: <http://journals.indexcopernicus.com/>

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/>

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>

Acta Medica Marisiensis, vol.56, suppl 1, 2010, 8-10, cod CNCSIS 103B

Acta Medica Marisiensis, vol.56, suppl 1, 2010, 11-15. cod CNCSIS 103B

Revista de Medicină și Farmacie Targu-Mures, vol.54, 2008, pag. 10-15, Editura University Press, ISSN 1221-2229. cod CNCSIS 103C

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>

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>

Acta Medica Marisiensis, 2010, 56/supliment 1

Acta Medica Marisiensis, 2010, 56/supliment 1

Theodora Benedek, Claudia Matei, Istvan Kovacs, Imre Benedek - *Regional contractility as predictor for leftventricular reverse remodeling after revascularization for chronic total occlusions – a 3d echocardiographic study*

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.*

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.*

Theodora Benedek, Claudia Matei, **Monica Chitu**, I.Kovacs, I.A.Sarbu-Pop, Diana Horga, Melinda Kurtinecz, Zsuzsanna Suci, Szillard Madaras, I.Benedek – *Computerised 3D Dobutamine Stress Echocardiography for Objective Assesment of Myocardial Ischemia and Viability*

I.A.Sarbu-Pop, Theodora Benedek, I.Kovacs, **Monica Chitu**, Melinda Kurtinecz, Claudia Matei, Zsuzsanna Suci, Diana Horga, Sz. Madaras, I.Benedek – *Pulmonary Vein Isolation by Circumferential Radiofrequency Lesions in Atrial Fibrillation*

Sz.Madaras, Theodora Benedek, I.Kovacs, I.A.Sarbu-Pop, **Monica Chitu**, Melinda Kurtinecz, Claudia Matei, Zsuzsanna Suci, 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.*

Imre Benedek , Theodora Benedek , Alexandru Sarbu-Pop , **Monica Chitu**, Claudia Matei *Computerized 3d Echocardiography Evaluation Of The Impact Of Pericardial Inflammation OnThe Left Ventricular Function,*

I.Benedek, Gabriela Kozma, **Monica Chitu**, I.Kovacs, A.Sarbu, Melinda Kurtinecz, Claudia Matei, Zsuzsanna Suci, Diana Horga, Sz.Madaras, Theodora Benedek – *Actualities in the Interventional Treatment of Peripheral Chronic Total Occlusions.*

Theodora Benedek, I.A.Sarbu-Pop, Claudia Matei, **Monica Chitu**, I.Kovacs, Diana Horga, Melinda Kurtinecz, Zsuzsanna Suci, Sz.Madaras, I.Benedek – *Computerised 3D echocardiography for Complex Assesment of Left Atrial Remodelling in atrial fibrillation*

*Pulmonary Vein Isolation by Circumferential Radiofrequency Lesions in Atrial Fibrillation- I. A. Sârbu-Pop, Theodora Benedek, I. Kovacs, **Monica Chitu**, Melinda Kurtinecz, Claudia Matei, Zsuzsanna Suci, Diana Horga, Sz Madaras, I. Benedek*

*Computerized 3D Echocardiography for Complex Assessment of Left Atrial Remodelling in Atrial Fibrillation-Theodora Benedek, I.A. Sârbu-Pop, Claudia Matei, **Monica Chitu**, I. Kovacs, Diana Horga, Melinda Kurtinecz, Zsuzsanna Suci, Sz Madaras, I. Benedek*

- Acta Medica Marisiensis, 2010, 56/supliment 1
- Acta Medica Marisiensis, 2010, 56/supliment 1
- Acta Medica Marisiensis, 2010, 56/supliment 1
- Acta Medica Marisiensis, 2010, 56/supliment 1
- Acta Medica Marisiensis, 2010, 56/supliment 1
- Acta Medica Marisiensis, 2010, 56/supliment 1
- Acta Medica Marisiensis, 2010, 56/supliment 1
- European Heart Journal 2009;Vol.30(Abstract Supplement):338, Congresul European de Cardiologie august Barcelona 2009
- European Journal of Heart Failure Suppl 2009; Vol. 8(2); 426., Congresul European de Insuficienta Cardiaca Nisa, iunie 2009
- European Journal of Heart Failure Suppl 2009; Vol. 8(2); 1407, Congresul European de Insuficienta Cardiaca Nisa, iunie 2009
- European Journal of Heart Failure Suppl 2009; Vol. 8(2); 1461, Congresul European de Insuficienta Cardiaca Nisa, iunie 2009
- Congresul European de Ecocardiografie, Madrid decembrie 2009, European Journal of Echocardiography vol. 10, suppl. 2, dec. 2009, ISSN 1525-2167, p. ii 157
- Computerized 3D Echocardiography for Objective Assessment of Myocardial Ischemia and Viability- Theodora Benedek, Claudia Matei, **Monica Chitu**, I. Kovacs, I. A. Sârbu-Pop, Diana Horga, Melinda Kurtinecz, Zsuzsanna Suci, Sz Madaras, I. Benedek
- Difficulties in Mortality Reduction in Acute Coronary Syndromes in a Population of 1 Million Inhabitants with Low-Adherence to European Guidelines- Sz. Madaras, Theodora Benedek, I. Kovacs, I. A. Sârbu-Pop, **Monica Chitu**, Melinda Kurtinecz, Claudia Matei, Zsuzsanna Suci, Diana Horga, I. Benedek
- Actualities in the Interventional Treatment of Peripheral Chronic Total Occlusion- I. Benedek, Gabriela Kozma, **Monica Chitu**, I. Kovacs, A. Sârbu, Melinda Kurtinecz, Claudia Matei, Zsuzsanna Suci, Diana Horga, Sz Madaras, Theodora Benedek
- Three-Dimensional Imaging to Evaluate Efficacy of Revascularisation at 3 Months Follow-up in Post Myocardial Infarction Patients-Claudia Matei, Theodora Benedek, **Monica Chitu**, I. Kovacs, I. A. Sârbu-Pop, Sz Madaras, Diana Horga, Melinda Kurtinecz, Zsuzsanna Suci, I. Benedek
- Assessment of Reversed Left Ventricular Remodelling After Reopening of Coronary Arteries and Stem Cell Transplantation-I. Benedek jr., Theodora Benedek, I. Kovács, Claudia Matei, **Monica Chitu**, Diana Horga, I. A. Sârbu-Pop, Sz Madaras, Melinda Kurtinecz, Zsuzsanna Suci, I. Benedek
- Complex Endovascular Strategies in the Treatment of Peripheral Arterial Disease: Challenging Arterial Approaches in Total Chronic Occlusions-I. Benedek, Gabriela Kozma, **Monica Chitu**, I. Kovacs, A. Sârbu, Melinda Kurtinecz, Claudia Matei, Zsuzsanna Suci, Diana Horga, Sz Madaras, Theodora Benedek
1. 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 -
2. 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
3. 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
4. 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.
- Benedek Theodora, Sarbu Alexandru, Kovacs Istvan, **Chitu 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"

6.

Congresul European de
Ecocardiografie Euroeco 2008, 10-13
decembrie Lyon Franta, European
Journal of Echocardiography nov.2008
vol. 9 supl1, ISSN 1525-2167, pag.
768.

Congresul European de
Ecocardiografie Euroeco 2008, 10-13
decembrie Lyon Franta, European
Journal of Echocardiography nov.2008
vol. 9 supl1, ISSN 1525-2167, pag.
995

EuroIntervention vol 5 Suppl E –
2009, pg. E109. , Euro PCR Barcelona
mai 2009

European Journal of Heart Failure
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Computerized 3D echocardiography in complex analysis of ventricular remodelling,
apical dilatation and intracavitary flow perturbation in Dilated cardiomyopathy

T. Benedek, I. Benedek, C. Matei, **M. Chitu**, D. Horga, L. Kppecki, E.Kakucs, I.S.
Benedek – Computerized 3D echocardiography in selection of the target area for
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Imre Benedek , **Monica Chitu**, Istvan Kovacs, Alexandru Sarbu, Claudia Matei,
Theodora Benedek - Complex endovascular treatment of iliac lesions associated with
multi-level arterial disease using percutaneous transluminal angioplasty, stenting and
excimer laser angioplasty - technical results and clinical outcomes”,

Three-dimensional assesment of left ventricular remodelling and ischemia in ischaemic
dilated cardiomyopathy using 3D echocardiography and angio CT multislice 64.,-
Theodora Benedek, **M Chitu**, O Bucur, I Kovacs, IA Sarbu-Pop, Zsuzsanna Suci, B
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Three-dimensional assesment of left atrial mechanical and structural remodelling in
patients with heart failure and atrial fibrillation,- Imre Benedek, I Kovacs, Zsuzsanna
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Three-dimensional assesment of left atrial remodelling in atrial fibrillation using 3D
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Correlation between postinfarction remodelling process and developoment of
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Computerized 3D echocardiographic assesmnet of the impact of pericardial
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T. Benedek

3D imaging for selection of the target rea for revascularisation and intracoronary stem
cell transplantation 6 weeks after myocrdial infarction- T. Benedek, **M. Chitu**,
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Angio CT multislice for pre-oesative assesment increases the rate of PCI indication and
decreases the mortality in complex left main cases- Orzan M., Benedek T., **Chitu M.**,
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Lézer angioplasztika és sztent implantáció a. Iliaca elzáródásban-Bakcsi Ferenc,
Benedek Theodora, Kovács István, Sárbu-Pop Alexandru, Molnár-Sós Attila, Bajka
Balázs, Madaras Szilárd, **Suci Zsuzsanna**, Jakó Beáta, Varga Szabolcs, Benedek
Imre

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CARDIOLOGIA HUNGARICA, 2011Suplimentum F	64-multislice computed tomography coronaryography for assessment of cardiovascular risk in type 2 diabetes mellitus - Benedek Theodora, Kovács István Szoke Zsuzsanna , Sârbu-Pop Alexandru, Bajka Balázs, Bakcsi Ferenc, Molnár-Sós Attila, Jakó Beáta, Muresan Anita, Benedek Imre
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Revista Romana de Cardiologie, 2009, 24/supl A	Abordarea interventionala actuala a leziunilor aortoiliace- I Benedek, A Sarbu, I Kovacs, M Chitu, C Matei, S Madaras, M Kurtinecz, Zs Szoke , D Horga, T Benedek
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Activitate de cercetare	Membru in colectiv de cercetare Clinica de Cardiologie Tg Mures
CONTRACT CEEX NR 172/2006	Translarea cercetarilor genomice în dezvoltarea de terapii inovative bazate pe transplantul de celule stem în bolile aterotrombotice –studiu integrat într-o experienta europeana de cercetare de excelenta – TRANSCARDIOSTEM
CONTRACT CEEX NR 72/2006	Translarea cercetarilor genomice de reconstructie intracardiaca si tridimensionala în diagnosticul si tratamentul unor boli cardiace congenitale sau dobandite la adultul tânar – TRIDICO
CONTRACT CEEX NR 171/2006	Implementarea suportului logistic in cadrul resecventionarii genomice translationale a sindroamelor coronariene acute pe o populatie tinta de 1 milion locuitori – LOGECA Membru in echipa de cercetare
CONTRACT CEEX NR 212/2006	Dezvoltarea parteneriatului international privind transplantul de celule stem în Sindroamele COronariene Acute în cadrul unei Retele europene de cercetare de Excelenta – COREX

Numar contract 42-131

Tehnologii tridimensionale de ultraSonografie computerizata si mapping intracardiac in diagnosticul si Tratatamentul interventional bazat pe nanotehnologii a unor ARitmii- STAR

Activitate didactica cursuri postuniversitare 2017

Ecocardiografie –notiuni de baza
 Computer tomografia cardiaca in boala ischemica cardiaca
 Rezonanta magnetica in abordari multidisciplinare
 Rezonanta magnetica cardiaca in aplicatii clinice
 Cercetarea clinica in bolile cardiovasculare
 Metode interventionale moderne de tratament in fibrilatia atriala
 Ecocardiografie avansata
 Tratatamentul interventional bazat pe dispozitive al aritmiilor cardiace
 Tratatamentul interventional al afectiunilor valvulare
 Abordari interdisciplinare in cercetarea clinica
 Electrofiziologie interventionala
 Tratatamentul modern al pacientului critic cardiac
 Tratatamentul interventional al sindroamelor coronariene acute
 Diagnosticul si tratamentul modern al placilor ateromatoase vulnerabile
 Abordari moderne in monitorizarea la distanta a bolnavului cardiovascular

2018

Partenența la societăți și comitete științifice

2002

Membrul al Societății Romane de Cardiologie

2008

Membrul al Societății Europene de Cardiologie

2008

Membru in Grupurile de lucru de cardiologie interventionala, Ecocardiografie ,defibrilatoare si stimuloare cardiace

Aptitudini și competențe personale

Limba(i) maternă(e)

Romana

Limba(i) străină(e) cunoscută(e)

Limba engleză și franceza

Competențe și abilități sociale

Abilități de comunicare verbală și nonverbală
 Capacitatea de a lucra în echipă, seriozitate, dinamism

Competențe și aptitudini organizatorice

Organizator al Conferințelor Naționale Anuale de Cardiologie, cu participare internațional (2005, 2006, 2007, 2007, 2009 iunie, 2010 iunie, 2011 iunie, 2012 2013, 2014-2020)

Competențe și aptitudini de utilizare a calculatorului

Internet, Ms Office Pack (Word, Excel, Power Point, Outlook)

Alte competențe și aptitudini

Hobby: muzica, literatură, calatoriile

Permis(e) de conducere

Permis de conducere Categoria B

Data

Semnătura

10.02.2020