

LISTA DE LUCRARI

a) Lucrari:

- 1) Perinatal management in a case of pulmonary atresia with intact ventricular septum, a II-a ediție a Congresului Național al Societății de Medicină Fetală și Neonatală cu paticipare internaționala-lector, Grand Hotel Napoca din Cluj-Napoca, 25 – 27 Aprilie 2024
- 2) VS borderline-cum ne descurcam?/Borderline LV-how do we deal with it?-lector Conferinta aniversara cu participare internaționala 20 de ani de la deschiderea Centrului Cardiovascular Pediatric din Targu Mures 25-27 aprilie 2024
- 3) Abordari terapeutice in insuficienta cardiaca la un copil cu CAP semnificativ hemodinamic ce asociaza cardiomiopatie secundara betatalasemiei; A 5-a conferinta nationala de cardiologie pediatrica, cu participare internationala: „Insuficienta cardiaca la copil” UMFST G.E.Palade din Târgu Mureș - Facultatea de Farmacie Targu Mures” 12-14 octombrie 2023, comitet de organizare
- 4) Endocardita bacteriana a cordului drept-forma de prezentare tardiva a unei afectiuni cardiace congenitale necianogene lector, Congresul National de Pediatrie Sinaia, septembrie 2023
- 5) Workshop „Terapia interventionala in leziuni complexe ale caii de ejectie a ventriculului drept”, Lector -” Stentare de stenoza artera pulmonara stanga” Targu-Mures, membru Comitet stiintific24-26 mai 2021-**ultima promovare**

- b) **Teza doctorat** „, TEHNICI ECOCARDIOGRAFICE NOI IN EVALUAREA HEMODINAMICII LA NOU-NASCUT SI SUGAR”,, 2024, coord. Conf. univ. dr. Liliana Gozar, UMFST GE PALADE TARGU MURES, calificativ „MAGNA CUM LAUDE”

c) Carti de specialitate

Capitole in volume collective-ultima promovare

1. Toganel R, Fagarasan A., Muntean I., Gozar L, Suteu C, Blesneac C, Beligan L, **Toma D**, Ghiragosian-Rusu S, **Anomaliile arterelor coronare** , in *Abordarea diagnostica si terapeutica a afectiunilor cardiace congenitale la copil*, Editia a II-a, Editura

- University Press Targu Mures, 2021, nr. pg. 284, pg. 49-55, ISBN 978-973-169-713-0, cod CNCS 210
2. Toganel R, Fagarasan A., Muntean I., Gozar L, Suteu C, Blesneac C, Beligan L, **Toma D**, Ghiragosian-Rusu S, *Fistulele vasculare* , in *Abordarea diagnostica si terapeutica a afectiunilor cardiace congenitale la copil*, Editia a II-a, Editura University Press Targu Mures, 2021, nr. pg 284, pg. 55-63, ISBN 978-973-169-713-0, cod CNCSIS 210
 3. Toganel R, Fagarasan A., Muntean I., Gozar L, Suteu C, Blesneac C, Beligan L, **Toma D**, Ghiragosian-Rusu S, *Atrezia pulmonara cu sept interventricular intact* , in *Abordarea diagnostica si terapeutica a afectiunilor cardiace congenitale la copil*, Editia a II-a, Editura University Press Targu Mures, 2021, nr. pg.284, pg. 103-115, ISBN 978-973-169-713-0, cod CNCSIS 210
 4. Toganel R, Fagarasan A., Muntean I., Gozar L, Suteu C, Blesneac C, Beligan L, **Toma D**, Ghiragosian-Rusu S, *Tetralogia Fallot cu canal atrioventricular comun*, in *Abordarea diagnostica si terapeutica a afectiunilor cardiace congenitale la copil*, Editia a II-a, Editura University Press Targu Mures, 2021, nr. pg 284, pg. 147-151, ISBN 978-973-169-713-0, cod CNCSIS 210
 5. Toganel R, Fagarasan A., Muntean I., Gozar L, Suteu C, Blesneac C, Beligan L, **Toma D**, Ghiragosian-Rusu S, *Ventricul drept cu dubla cale de iesire* , in *Abordarea diagnostica si terapeutica a afectiunilor cardiace congenitale la copil*, Editia a II-a, University Press Targu Mures, 2021, nr. pg 284, pg. 243-253, ISBN 978-973-169-713-0, cod CNCSIS 210
 6. Toganel R, Fagarasan A., Muntean I., Gozar L, Pasc A, Suteu C, Blesneac C, **Toma D** Beligan L, *Ventricul unic functional cu obstructia fluxului sanguine systemic*, in *Urgentele cardiovasculare neonatale*, Editura University Press Targu Mures, 2018, nr. pg. 80, pg. 39-45, ISBN 978-973-169-544-0, cod CNCSIS 210

d) **Articole publicate in extenso**

(1) **Articole in reviste cotate ISI**

1. **Toma D**, Făgărășan A, Cerghit-Paler A, Togănel R, Cucerea M, Săsăran MO and Gozar L. Comparative assessment of myocardial function between late premature newborns and term neonates using the 2D speckle tracking method. Front. Pediatr. 2024; 12:1302383. FI 2,1, Q2, doi: 10.3389/fped.2024.1302383, prim autor
2. Cucerea M, Moscalu M, Ognean M-L, Fagarasan A, **Toma D**, Marian R, Anciu-Crauciuc M, Racean A, Gall Z, Simon M. Impact of Early Surfactant Administration on Ductus Arteriosus Assessed at 24 h in Preterm Neonates Less than 32 Weeks of Gestational Age.

Biomedicines. 2024; 12(6):1136, FI 3,9, <https://doi.org/10.3390/biomedicines12061136>, co-autor

3. Gozar L, Săsăran MO, Cosma MC, **Toma D**, Nan AG, Gozar H. Raghieb Syndrome and Pulmonary Arterial Hypertension in a Pediatric Patient: Case Report and Literature Review. Journal of Clinical Medicine. 2024; 13(12):3623.

<https://doi.org/10.3390/jcm13123623>, FI 0,51, co-autor

4. Făgărășan, A.; Ghiragosian-Rusu, S.-E.; Ghiragosian, C.; Gozar, L.; Suteu, C.; **Toma, D.**; Al-Akel, F.C.; Cucerea, M. Speckle Strain Analysis of Left Ventricular Dysfunction in Paediatric Patients with Bicuspid Aortic Valve—A Pilot Study. Children 2024, 11, 1514.

<https://doi.org/10.3390/children11121514>, FI 2, co-autor

5. Făgărășan, A.; Săsăran, M.O.; Gozar, L.; **Toma, D.**; Șuteu, C.; Ghiragosian-Rusu, S.; Al-Akel, F.C.; Szabo, B.; Huțanu, A. Circulating Matrix Metalloproteinases for Prediction of Aortic Dilatation in Children with Bicuspid Aortic Valve: A Single-Center, Observational Study. Int. J. Mol. Sci. 2024, 25, 10538. <https://doi.org/10.3390/ijms251910538>, FI 4,9, co-autor

6. **Toma D**, Moldovan E, Gozar L. The Impact of Prenatal Diagnosis in the Evolution of Newborns with Congenital Heart Disease, The Journal of Critical Care Medicine 2023; 9(1) :6-11, FI 0,9, doi: <https://doi.org/10.2478/jccm-2023-0007>, prim autor

7. **Toma D**, Gabor-Miklosi D, Cerghit-Paler A, Șuteu CC, Cosma M-C, Mărginean C, Iancu M, Gozar L. Impaired Speckle-Tracking-Derived Left Ventricular Longitudinal Strain Is Associated with Transposition of Great Arteries in Neonates: A Single-Center Study. International Journal of Environmental Research and Public Health. 2023; 20(1):674. FARA FI, <https://doi.org/10.3390/ijerph20010674>, prim autor

8. Gozar, L., Sasaran, M., **Toma, D.**, Cerghit-Paler, A., Molnar-Varlam, C., Mărginean, C., & Săsăran, V. (2023). Left ventricular function evaluation of the fetal heart: reference intervals and inter-observer variability of 2D speckle-tracking echocardiography measurements. Medical Ultrasonography, 25(2), 168-174. FI 1,7, doi:<http://dx.doi.org/10.11152/mu-4021>, co-autor

9. Toma D, Toganel R, Fagarasan A, Cucerea M, Gabor-Miklosi D, Cerghit-Paler A, Iurian D-R, Gozar H, Moldovan E, Iancu M. Gozar L. Interobserver Agreement and Reference Intervals for Biventricular Myocardial Deformation in Full-Term, Healthy Newborns: A 2D Speckle-Tracking Echocardiography-Based Strain Analysis. International Journal of Environmental Research and Public Health. 2022; 19(14):8620, fara FI, <https://doi.org/10.3390/ijerph19148620>, prim autor

10. Liliana Gozar , Dorottya Gabor-Miklosi , Rodica Toganel , Amalia Fagarasan , Horea Gozar , **Daniela Toma** and Andreea Cerghit-Paler , *Fetal Tachyarrhythmia Management from Digoxin*

to *Amiodarone—A Review*, J. Clin. Med. 2022, 11(3), 804; <https://doi.org/10.3390/jcm11030804>, FI 4,242, co-autor **ultima promovare**

11. Gozar Liliana, Iancu Mihaela, Gozar Horea, Sglimbea Anca, Cerghit Paler, Andreea, Gabor-Miklosi Dorottya, Toganel Rodica, Făgărășan Amalia, Iurian Diana Ramona, **Toma Daniela**, *Assessment of Biventricular Myocardial Function with 2-Dimensional Strain and Conventional Echocardiographic Parameters: A Comparative Analysis in Healthy Infants and Patients with Severe and Critical Pulmonary Stenosis*, J. Pers. Med. 2022, 12(1), 57; <https://doi.org/10.3390/jpm12010057>, FI 4,945, autor de corespondenta

12. Liliana Gozar, Claudiu Mărginean, Andreea Cerghit Paler, Dorottya Gabor-Miklosi, **Daniela Toma**, Mihaela Iancu, Rodica Togănel, Amalia Făgărășan, *Speckle-Tracking Global Longitudinal and Regional Strain Analysis in Neonates with Coarctation of Aorta: A Case-Control Study*, J. Clin. Med. 2021, 10(19), 4579; <https://doi.org/10.3390/jcm10194579>, FI 4,242, co-autor

13. Liliana Gozar, Amalia Fagarasan, Dorottya Miklosi, Rodica Togănel and **Daniela Toma**, *Ventricular dysfunction in the case of the sever fetal aortic stenosis –the role of speckle tracking*, Journal of Cardiovascular Emergencies 2020;6(1):20-22 **fara factor de impact** DOI: 10.2478/jce-2019-001-autor corespondenta

14. **Daniela Toma**, Liliana Gozar, Carmen Corina Șuteu, Amalia Făgărășan, Rodica Togănel, *Predictors for In-hospital Mortality in Pediatric Patients with Acute Myocarditis –a Retrospective Study*, Journal of Cardiovascular Emergencies 2019;5(4):140-147 **fara factor de impact** DOI: 10.2478/jce-2019-00194-prim autor

15. Iolanda Muntean, **Daniela Toma**, Rodica Togănel, *Predictors of Inadequate Mixing in Transposition of the Great Arteries — a Critical Neonatal Condition*. Journal of Cardiovascular Emergencies 2017 **fara factor de impact**;3(4):181-187-autor de corespondenta

16. Simina-Elena Rusu, **Daniela Toma**, Cristina Blesneac, Laura Matei, Claudiu Ghiragosian, Rodica Togănel *Diagnosis of the Aortic Coarctation in the Neonatal Period — a Critical Condition in the Emergency Room*. Journal of Cardiovascular Emergencies 2017;3(3):128-13 **fara factor de impact** DOI: 10.1515/jce-2017-001-co-autor

(2) Articole in reviste indexate BDI –ultima promovare

1. **Daniela Toma**, Dorottya-Anna Miklosi, Anca Sglimbea, Laszlo Hadadi, Marian Pop, Andreea Cerghit-Paler, Amalia Fagarasan, Rodica Toganel, Liliana Gozar Ro *Successful percutaneous stenting of coarctation of the aorta in Turner syndrome – a case report and literature review* J Pediatr. 2021;70(3) DOI: 10.37897/RJP.2021-EBSCO, prim autor
2. Rebeca Gidea, **Daniela Toma**, Marian Pop, *Noi metode imagistice in evaluarea pacientului pediatric cu suspiciunea de miocardita acuta*, Medic.ro, An XVIII, NR 141 (3/2021):42-44- B +, autor corespondenta
3. Andreea Cerghit Paler, Dorottya Miklosi, Liliana Gozar, Prof. Rodica Togănel, Amalia Făgărășan, **Daniela Toma**, A rare case of cerebral hemorrhage in a pre-term infant with coarctation of the aorta, Romanian Journal of Pediatrics 69 (2), 192, 2020, EBSCO, autor corespondenta
4. Iolanda Muntean, Asmaa Carla Barmou, **Daniela Toma** , *Transplantul cardiac pediatric – indicații și evaluarea preoperatorie*, Ro J Pediatr. 69(1) ,2020, 33-37, EBSCO, autor corespondenta
5. **Daniela Toma**, Carmen Suteu, Rodica Toganel *Favorable postoperative evolution after late surgical repair of truncus arteriosus type 1 :A case report*. Journal of Interdisciplinary Medicine 2018 Jun 15; DOI: 10.2478/jim-2018-0016- SCIENDO autor principal,
6. **Daniela Toma**, Simina-Elena Rusu, Cristina Blesneac, Marian Pop, Rodica Togănel. *Comparative Measurements of Aortic Diameters Using Transthoracic Echocardiography and Thoracic Computed Tomography Angiography in Neonatal Aortic Coarctation*, Journal of Interdisciplinary Medicine 2017;2(3):199-204, SCIENDO, autor principal
11. Publicatii in extenso, aparute in lucrari ale principalelor conferinte internationale de specialitate
12. Brevete de inventie

13. Alte lucrari si contributii stiintifice-ultima promovare

-coautor

1. Muntean Iolanda, **Toma Daniela**, Gozar Liliana, Pascanu Sorin, Hadadi L, Sin Anca, Suciu H, *Pediatric heart transplantation follow-up in Romania –the first case series* , Zilele Universității de Medicină, Farmacie, Științe și Tehnologie „George Emil Palade” din Târgu Mureș 9-14 decembrie 2019
2. Simina Elena Rusu, Cristina Blesneac, **Daniela Toma**, Rodica Toganel. *Fenestratia aorto-pulmonara-cauza de insuficienta cardiaca la nou-nascut*. Romanian Journal of Pediatrics. Vol. LXVII suppl. Year 2018. National Conference of Pediatrics Bucharest March 21st-24th, 2018. ISSN 1454-0398.e-ISSN 2069-6175. ISSN-L 1454-0398
3. Alina Grama, Oana Marginean, Mihaela Chincesan, Ana-Maria Pitea, Borka-Balas Reka, **Daniela Toma**, Anca Bodan, Gabriela Florian. *Necesitatea abordarii pluridisciplinare a hemoragiei digestive la copii.Urgente in Pediatrie*.Boli cronice in Pediatrie. 2014. Volum de prezentari, postere si rezumate.ISBN 978-973-162-126-5

-autor principal

1. Mutu C, **Toma D**, *A chalenging case report of transtibial amputation due to fibular fracture; Erata:Management of univentricular congenital heart disease in infants:a case report*,Acta Marisiensis 2020 66 (S2) 11-11 2668-7755 EBSCO
<http://actamedicamarisiensis.ro/wp-content/uploads/2020/03/AMM-66-S2-web.pdf>
CORDXMASTERCLASS 2020, 21st-23rd february 2020 Targu Mures, Romania
2. Vascul D, Zafir A, Ursache A, Ungur T, Vascul R, **Toma D**, *Purulent otitis media in a 6-month-old infant that uncovered the diagnosis of Tetralogy of Fallot* , Acta Marisiensis,2020 66(S3) (162-162)2668-7755, EBSCO <http://actamedicamarisiensis.ro/wp-content/uploads/2020/06/AMM-66-S3-web.pdf> INTERNATIONAL CONGRESS FOR STUDENTS, YOUNG DOCTORS AND PHARMACISTS MARISIENSIS 25TH-29TH MARCH 2020 Targu Mures, Romania
3. Zaharie A, Zafir A, Curea T, Muresan L, **Toma D**, *Severe aortic coarctation associated with Turner's Syndrome in a 13-year-old teenager-a case report* Acta Marisiensis

2020 66(S3) 164-164 2668-7755 EBSCO <http://actamedicamarisiensis.ro/wp-content/uploads/2020/06/AMM-66-S3-web.pdf> INTERNATIONAL CONGRESS FOR STUDENTS, YOUNG DOCTORS AND PHARMACISTS MARISIENSIS 25TH-29TH MARCH 2020 Targu Mures, Romania

4. Diana Andreea Vascul, Ovidiu-Andi Zaharie, Narcis Ungureanu, Adina-Elena Ursache, Diana Vladea, **Daniela Toma**, *Cor triatriatum dextrum: challenging management and treatment in pediatric patients* Acta Marisiensis, 2020 66(S3) (162-162) 2668-7755, EBSCO <http://actamedicamarisiensis.ro/wp-content/uploads/2020/06/AMM-66-S3-web.pdf> INTERNATIONAL CONGRESS FOR STUDENTS, YOUNG DOCTORS AND PHARMACISTS MARISIENSIS 25TH-29TH MARCH 2020 Targu Mures, Romania

5. **Daniela Toma**, Carmen Corina Suteu, Simina Elena Rusu, Rodica Toganel. *Tahicardiomiopatia: cauza reversibila de insuficienta cardiaca-caz clinic*. Romanian Journal of Pediatrics. Vol. LXVII suppl. Year 2018. National Conference of Pediatrics Bucharest March 21st-24th, 2018. ISSN 1454-0398. e-ISSN 2069-6175. ISSN-L 1454-0398

6. **Daniela Toma**, *Interpretarea factorilor de risc prezenti la un lot de obezi hipertensivi din Bacau*, Marisiensis 2008, Congres national al studentilor si tinerilor medici, Targu Mures