



**Curriculum Vitae
Europass**

Informații personale



Nume / Prenume **POP DANA- CANDIDATURĂ PENTRU SENAT**

Adresa(e)

Telefon(oane) -

Fax(uri)

E-mail(uri) -

Naționalitate(-ăți) română

Data nașterii -

Sex Feminin

Experiența profesională Medic primar interne, medic primar cardiologie, profesor universitar

Perioada

- stagiar 1992-1993
- rezident 1993-1999
- medic specialist interne-1999
- medic primar interne - 2003
- medic specialist cardiologie-2003
- medic primar cardiologie - 2009

Funcția sau postul ocupat Profesor universitar

Activități și responsabilități principale Șef Disciplină Cardiologie-Recuperare; prodecan-activitatea științifică 2016-2020; director Școala Doctorală-2020-prezent

Numele și adresa angajatorului Universitatea de Medicină și Farmacie "Iuliu Hațieganu", Cluj-Napoca

Tipul activității sau sectorul de activitate Învățământ universitar
Sănătate

EUROPEAN LEVELS - SELF ASSESSMENT GRID

Educație și formare

Perioada	<ul style="list-style-type: none"> ○ Preparator, 1994 -1998 ○ Asistent Universitar, 1998 - 2004 ○ Șef Lucrări, 2004 - 2008 ○ Conferențiar, 2008 - 2014 ○ Profesor, 2014 - prezent
Calificarea / diploma obținută	<p>-Doctor în științe medicale din anul: 2004</p> <p>-Masterat - MANAGEMENTUL SERVICIILOR DE SĂNĂTATE - 2009</p> <p>-Abilitare-2014</p> <p>-Fellowship - European Society of Cardiology (ESC), European Association for Cardiovascular Prevention & Rehabilitation (EACPR), European Heart Failure</p> <p>-Membru - Societatea Română de Cardiologie (SRC)</p> <p>-Președintele grupului de lucru Cardiologie Preventivă și Recuperare Cardiovasculară-SRC 2017-2020</p> <p>-Coordonator rezidențiat specialitatea cardiologie</p> <p>- Membru al Consiliului Editorial a revistelor: Romanian Journal of Internal Medicine (ESCI), Balneo Research Journal (ESCI), Journal of Interdisciplinary Medicine (BDI)</p>
Disciplinele principale studiate / competențe profesionale dobândite	<p>Cardiologie</p> <ul style="list-style-type: none"> ○ Ecografie transesofagiană - 2009 ○ Ecocardiografie - 2004 ○ Ecografie generală - 2000
Numele și tipul instituției de învățământ / furnizorul de formare	Universitatea de Medicină și Farmacie "Iuliu Hațieganu", Cluj-Napoca

Aptitudini și competențe personale

Limba(i) maternă(e)

Limba(i) străină(e) cunoscute

Autoevaluare

Nivel european ()*

Română

Engleză, franceză

Înțelegere				Vorbire				Scriere	
Ascultare		Citire		Participare la conversație		Discurs oral		Exprimare scrisă	
C1	f. bine	C1	f. bine	B2	bine	B2	bine	B2	bine
B2	bine	B2	bine	B2	bine	B2	bine	B2	bine

() Nivelul Cadrului European Comun de Referință Pentru Limbi Străine*

Competențe și abilități sociale

Munca în echipă, cultivarea și dezvoltarea relațiilor interumane.

Competențe și aptitudini tehnice

Capacitate inovativă

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Competențe și aptitudini de utilizare a calculatorului	Nivel avansat
Permis(e) de conducere	Categoria B
Competențe și aptitudini organizatorice	<p>Cerc științific studentesc Cardiologie - Universitatea de Medicină și Farmacie "Iuliu Hațieganu", Cluj-Napoca</p> <p>Director Cursuri ale Societății Române de Cardiologie CARDIOSEN ; INIMA SI SPORTUL, CARDIO-MAP</p> <p>Director Conferințe ale Societății Române de Hipertensiune : COMBAT, A IV-a Conferință Națională Actualități în Hipertensiunea Arterială.</p> <p>Membru în Comisia de sănătate-cardiologie a MS</p>
Informații suplimentare	
Participare/conducere granturi naționale/internaționale	<ol style="list-style-type: none"> 1. Programul 4 - Parteneriate în domeniile prioritare nr. 41-076/2007: "Rolul ablației cu radiofrecvență în abordarea terapeutică a flutter-ului atrial (FLURFAB)". Membru. Director-Zdrenghea D 2. Grant CEEEX nr. 98/2006, intitulat: "Optimizarea tratamentului bolilor cardiovasculare degenerative la femei în postmenopauză" (MENOCARD). Membru. Director-Zdrenghea D 3. Programul VIASAN: "Noi soluții alternative de reducere a colesterolului plasmatic și a altor factori" (CARDIOVASC). Membru. Director-Zdrenghea D 4. Program VIASAN: "Studiul efectului hipocolestolemiant al alimentelor nutriceutice îmbogățite cu fitosteroli obținute din proteine vegetale" (ALFIT). Membru. Director-Zdrenghea D 5. Proiect IDEI PN 2. E-PROCORD - Cod CNCISIS ID_2246: "Noi abordări medicale și de modelare în era TI & C în evaluarea profilului cardiovascular la nivel molecular. Diferențe determinate de sex, vârstă și patologie prezentă". Membru. 6. PROGRAM IDEI: "Rolul mapping-ului tridimensional în abordarea aritmiilor complexe": 2012 - Director de proiect. 7. POSDRU 86/1.2/S/58609: "Tehnologii avansate pentru calitate în universitatea orientată spre viitor". 2013. director Prof. dr. Anca Buzoianu -Membru. 8. POSDRU /189/2.1/G/156565 . 2015. "Practică formativă integrată pentru studenții la medicină"--director Prof. dr. Anca Buzoianu-Expert . 9. POSDRU 179/3.2/S/152289. CARDIOPED 2015-Director științific de proiect- Căinap Simona Sorana-Expert 10. CNFIS-FDI-2016-0092 MEDSTUD - Studii medicale în Cluj-Napoca--director Prof. dr. Anca Buzoianu-membru 2016 11. CNFIS-FDI-2017-0620 Îmbunătățirea calității activității didactice, inclusiv a respectării deontologiei și eticii academice--director Prof. dr. Anca Buzoianu-membru 2017 12. Targeting epigenetic REPROGRAMMING of innate immune cells in Atherosclerosis Management and other chronic inflammatory diseases - REPROGRAM-HORIZON 2020-director. Prof. dr. Adrian Iancu -membru 13. MEDQ- Studii medicale de calitate- CNFIS-FDI-2018-0417 director Prof. dr. Anca Buzoianu-membru 2018 14. EDUWORK -Dezvoltarea competențelor practice, punte între educație și piața muncii. Programului Operațional Capital Uman - Axa prioritară 6 - Educație și competențe. Număr identificare 109350 . -director Prof. dr. Anca Buzoianu-membru 2018 15. CNFIS-FDI-2019-0249 CADMED-Calitate în activitatea didactică medicală director Prof. dr. Anca Buzoianu-membru 16. CNFIS-FDI-2020-0435 MEDWORK-Corelarea ofertei educaționale cu cerințele pieței muncii și creșterea incluziunii sociale a studenților aflați în situații de risc și abandon. director Prof. dr. Anca Buzoianu-membru 17. POCU/626/6/13-133163. MEDPRACT- Competitivitate, performanță și responsabilitate socială prin stagii de practică medicală integrată-membru 18. PFE/30.12.2021. PROGRES-„Creșterea performanțelor cercetării științifice, susținerea excelenței în cercetare și a inovării în medicină"-membru 19. CNFIS-FDI-2022-0697. OSECE - Optimizarea sistemului de evaluare a calitatii actului educational in cadrul UMFCN-membru

EUROPEAN LEVELS - SELF ASSESSMENT GRID

1. Tomoaia R, Beyer RȘ, Dădârlat-Pop A, Șerban AM, Pop D, Zdrenghea D, Flachskampf FA. Novel 3D versus traditional transeophageal echocardiography techniques: Defining differences in the diagnosis of infective endocarditis. *Eur J Clin Invest.* 2023 Oct 10:e14103. doi: 10.1111/eci.14103. Epub ahead of print.
2. Florina Frîngu, Raluca Tomoaia, Bogdan Caloian, Dumitru Zdrenghea, Diana Irimie, Horatiu ComsaGelu Simu, Alexandra Dădrlat-Pop, Dana Pop, Gabriel Gușetu. Inflammation and fibrosis in patients with atrial fibrillation and heart failure: is there a need for rehabilitation? *Balneo and PRM Research Journal.* 2023;14(3):568
3. Simu GR, Tomoaia R, Rosu RO, Gușetu G, Puiu M, Cismaru G, Caloian B, Terec A, Buliga T, Boer A, Minciuna IA, Bodizs G, Zdrenghea D, Pop D. Galectin-3, Inflammation, and the Risk of Atrial High-Rate Episodes in Patients with Dual Chamber Pacemakers. *Int J Mol Sci.* 2023 Apr 23;24(9):7710. doi: 10.3390/ijms24097710.
4. Bogdan Caloian, Diana Andrada Irimie, Gabriel Nicolae Gușetu, Dan Horatiu Comsa, Gabriel Laurentiu Cismaru, Florina Iulia Fringu, Raluca Tomoaia, Radu Ovidiu Rosu, Alexandra Dadarlat-Pop, Dana Pop, Dumitru Tudor Zdrenghea. Optimizing cardiac rehabilitation by pacemaker reprogramming. Can we immediately improve the exercise capacity? *Balneo and PRM Research Journal.* 2023;14(3):577
5. Moț ȘDC, Șerban AM, Achim A, Dădârlat-Pop A, Tomoaia R, Pop D. Clinical Characteristics and Outcomes following Percutaneous Coronary Intervention in Unprotected Left Main Disease: A Single-Center Study. *Diagnostics (Basel).* 2023 Apr 3;13(7):1333. doi: 10.3390/diagnostics13071333. PMID: 37046550; PMCID: PMC10093002.
6. Pestrea C, Cicala E, Gherghina A, Ortan F, Pop D. Feasibility of Permanent His Bundle Pacing in the Elderly vs the Very Elderly. A Single-Center Mid-Term Follow-Up Study. *Clin Interv Aging.* 2023 Jun 13;18:941-949. doi: 10.2147/CIA.S412808. PMID: 37332479; PMCID: PMC10276596.
7. Pestrea C, Cicală E, Ivașcu M, Gherghina A, Oran F, Pop D. Comparison of Depolarization and Repolarization Parameters in Left vs. Right Ventricular Septal Pacing—An Intraoperative Electrocardiographic Study. *J. Cardiovasc. Dev. Dis.* 2023, 10(3), 108; <https://doi.org/10.3390/jcdd10030108> <https://www.mdpi.com/2308-3425/10/3/108>.
8. Comșa H, Gușetu G, Cismaru G, Caloian B, Roșu R, Zdrenghea D, David A, Dușu B, Tomoaia R, Frîngu F, Irimie D, Pop D. Predictors for the Development of Major Adverse Limb Events after Percutaneous Revascularization—Gender-Related Characteristics. *Medicina* 2023, 59(3), 480; <https://doi.org/10.3390/medicina59030480>
9. Simona Turcanu, Gabriel Gușetu, Dana Mihaela Ciobanu, Sabina Istratoaie, Radu Rosu, Minciuna Ioan Alexandru, Lucian Muresan, Cecilia Lazea, **Dana Pop**, Dumitru Zdrenghea, Gabriel Cismaru, Cristian Barsu, Alina Gabriela Negru, Andrei Cismaru, Simona Sorana Cainap. Body size influences heart rate in children aged 6 to 18 years old. Turcanu S, Gușetu G, Ciobanu DM, et al. Body size influences heart rate in children aged 6 to 18 years old. *Medicine (Baltimore).* 2023;102(3):e32602. doi:10.1097/MD.00000000000032602. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9857381/>.
10. Anchidin OI, Rosianu SH, Nemes A, Aldica M, Blendea D, Molnar A, Moldovan H, **Pop D.** The Effectiveness of Antiplatelet Therapy and the Factors Influencing It in Patients with Acute Coronary Syndrome before and during the COVID-19 Pandemic. *Medicina (Kaunas).* 2022 ;59(1):84. <https://pubmed.ncbi.nlm.nih.gov/36676708/>
11. Chetan IM, Gergely-Domokos B, Beyer R, Tomoaia R, Cabau G, Vulturar D, Chis A, Lesan A, Vesa CS, **Pop D**, Todea DA The role of 3D speckle tracking echocardiography in the diagnosis of obstructive sleep apnea and its severity. *Sci Rep.* 2022 ;12(1):22347 <https://pubmed.ncbi.nlm.nih.gov/36572720/>
12. Pestrea C, Cicala E, Ivascu M, Gherghina A, Pintilie I, Ortan F, **Pop D.** The Impact of Cardiac Chamber Volumes on Permanent His Bundle Pacing Procedural Outcomes-A Single Center Experience. *J Clin Med.* 2022 ;11(23):7076, <https://pubmed.ncbi.nlm.nih.gov/36498650/>
13. Henckell AK, Gușetu G, Rosu R, Ciobanu DM, Istratoaie S, Muresan L, Lazea C, **Pop D**, Cismaru G, Bârsu C, Popa SL, Negru AG, Cismaru A, Zdrenghea D, Cainap SS. Low Atrial Rhythm in a Large Cohort of Children from Transylvania, Romania. *Life (Basel).* 2022 Nov 15;12(11):1895. doi: 10.3390/life12111895. <https://www.mdpi.com/2075-1729/12/11/1895bn>. eISSN:2075-1729, WOS:000910826700001
14. Tomoaia R, Oprea A, Sandu I, Danu V, **Pop D**, Zdrenghea D, Dădârlat-Pop A, Minciună IA, Cheian IM, Hada NC, Beyer RȘ. A Rare Case of Successfully Treated Double Valve Infective Endocarditis Caused by *Pseudomonas aeruginosa*. *Int J Mol Sci.* 2022 Sep 22;23(19):11127. doi: 10.3390/ijms231911127. <https://www.mdpi.com/1422-0067/23/19/11127> WOS:000867730100001, eISSN 1422-0067
15. Irimie DA, Sitar-Tăut AV, Caloian B, Frîngu F, Cismaru G, Roșu R, Puiu M, Minciună IA, SimuG, Zdrenghea D, **Pop D.** Particularities of Catheter Ablation in Women with Atrial Fibrillation and Associated Ischemic Heart Disease. *J Clin Med.* 2022 Sep 22;11(19):5568. doi: 10.3390/jcm11195568. <https://www.mdpi.com/2077-0383/11/19/5568> WOS:000866765900001, eISSN 2077-0383
16. Negrea MO, Zdrenghea D, Teodoru M, Neamțu B, Cipăian CR, **Pop D.** Gender Particularities and Prevalence of Atypical Clinical Presentation in Non-ST Elevation Acute Coronary Syndrome. *Cardiovasc Dev Dis.* 2022 Mar 14;9(3):84. doi: 10.3390/jcdd9030084. <https://www.mdpi.com/2308-3425/9/3/84> 0 cităriWOS:000775116400001, eISSN2308-3425
17. Roșu RO, Lupsor A, Necula A, Cismaru G, Cainap SS, Iacob D, Lazea C, Cismaru A, Negru AG, **Pop D**, Gușetu G. Anatomical-MRI Correlations in Adults and Children with Hypertrophic Cardiomyopathy. *Diagnostics (Basel).* 2022 Feb 14;12(2):489
18. Minciună IA, Cismaru G, Puiu M, Roșu R, Amet D, Anghelina D, Gica A, Tomoaia R, Andronache M, **Pop D.** Atrial Fibrillation Ablation in a Patient with Cor Triatriatum Sinister and Left Common Pulmonary Vein: Impact of Left Atrium Anatomy on Ablation Approach. *Life (Basel).* 2022 Jul 4;12(7):992
19. Moț ȘDC, Șerban AM, Beyer RȘ, Coci M, Iuga H, Mureșan ID, Cozma S, Dădârlat-Pop A, Tomoaia R, **Pop D.** Percutaneous Coronary Intervention versus Coronary Artery Bypass Grafting for Non-Protected Left Main Coronary Artery Disease: 1-Year Outcomes in a High Volume Single Center Study. *Life (Basel).* 2022 Feb 27;12(3):347
20. Simu G, Rosu R, Cismaru G, Puiu M, Gușetu G, Minciuna I, Istratoaie S, Tomoaia R, Zdrenghea D, **Pop D.** Atrial high-rate episodes: a comprehensive review. *Cardiovasc J Afr.* 2021 Mar-Apr 23;32(2):102-107. doi: 10.5830/CVJA-2020-05 <https://journals.co.za/doi/abs/10.5830/CVJA-2020-052> WOS:000647686000008, eISSN1680-0745

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- exposure during atrial fibrillation ablation. *Med Ultrason*. 2021 Nov 25;23(4):424-429. <https://medultrason.ro/medultrason/index.php/medultrason/article/view/2888> 2 citări WOS:000726737600007, eISSN 2066-8643.
21. Tomoaia R, Beyer RŞ, Zdrenghea D, Dădărlat-Pop A, Popescu MI, Cismaru G, Guşetu G, Bodisz G, Chean MI, **Pop D**. Can Fetuin A Be Utilized in the Evaluation of Elderly Patients with Acute Myocardial Infarction? *Life* (Basel). 2021 Sep 15;11(9):968. doi: 10.3390/life11090968. <https://www.mdpi.com/2075-1729/11/9/968> WOS:000699487900001, eISSN 2075-1729
 22. Gurzău D, Dădărlat-Pop A, Caloian B, Cismaru G, Comşa H, Tomoaia R, Zdrenghea D, **Pop D** Major Left Bundle Branch Block and Coronary Heart Disease-Are There Any Differences between the Sexes?. *J Clin Med*. 2021 May 25;10(11):2284. doi: 10.3390/jcm10112284. <https://www.mdpi.com/2077-0383/10/11/2284>. WOS:000660145200001, eISSN 2077-0383
 23. Diana Gurzău, Adela Sitar-Tăut , Bogdan Caloian, Gabriel Guşetu, HoraŃu Comşa, Florina Frîngu, Dumitru Zdrenghea and **Dana Pop**. The Role of IL-6 and ET-1 in the Diagnosis of Coronary MicroVascular Disease in Women. *J. Pers. Med.* 2021;11:965 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8541623/> WOS:000712892200001, eISSN 2075-4426
 24. Sangsriwong M, Cismaru G, Puiu M, Simu G, Istratoaie S, Muresan L, Gusetu G, Cismaru A, Pop D, Zdrenghea D, Rosu R. Formula to estimate left atrial volume using antero-posterior diameter in patients with catheter ablation of atrial fibrillation. *Medicine* (Baltimore). 2021 Jul 23;100(29):e26513. doi:10.1097/MD.00000000000026513. https://journals.lww.com/mdjournal/Fulltext/2021/07230/Formula_to_estimate_left_atrial_volume_using.8.aspx WOS:000675548800008, eISSN 1536-5964
 25. Tomoaia R, Molnar A, Beyer RŞ, Dădărlat-Pop A, Frîngu F, Gurzau D, Simu G, Minciună IA, Caloian B, Zdrenghea D, **Pop D**. The role of multimodal imaging in the diagnosis of an asymptomatic patient with congenital anomaly. *Med Ultrason*. 2021 May 20;23(2):231-234. WOS:000672718900014, eISSN 2066-8643
 26. Minciuna IA, Puiu M, Cismaru G, Roşu R, Tomoaia R, Simu G, Istrătoaie S, Caloian B, Comşa H, Guşetu G, Zdrenghea D, **Pop D**. The role of intracardiac echocardiography in reducing radiation
 27. Dădărlat-Pop A, **Pop D**, Procopciuc L, Sitar-Taut A, Zdrenghea D, Bodizs G, Tomoaia R, Gurzau D, Fringu F, Susca-Hojda S, Buzoianu AD. Leptin, Galectin-3 and Angiotensin II Type 1 Receptor Polymorphism in Overweight and Obese Patients with Heart Failure - Role and Functional Interplay. *Int J Gen Med*. 2021;14:1727-1737. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8114101/> WOS:000648171900001, eISSN 1178-7074
 28. Tomoaia R, Beyer RS, Zdrenghea D, Dadarlat-Pop A, Cismaru G, Gusetu G, Rosu R, Serban A, **Pop D**. Global work index by non-invasive pressure-strain loops: a novel parameter to assess left ventricular performance in the early stages of heart failure with preserved or mid-range ejection fraction after acute myocardial infarction. *Med Ultrason*. 2021;23(1):62-69 <https://www.medultrason.ro/medultrason/index.php/medultrason/article/view/2672> WOS:000620489200010 eISSN 2066-8643
 29. Maris A, Guşetu G Cismaru G, Zdrenghea D, Leucua DC, **Pop D**. Improvement of Cognitive Function and Interleukin 1 Beta Serum Concentrations Following Cardiac Pacemaker Implantation in Patients with Symptomatic Bradycardia. *J. Pers. Med*. 2021; 11(8), 770 <https://www.mdpi.com/2075-4426/11/8/770> 3 citări WOS:000689362700001, eISSN 2075-4426
 30. Cismaru G, Lazea C, Mureşan L, Gusetu G, Rosu R, **Pop D**, Zdrenghea D, Farcaş AD, Căinap SS Validation of Normal P-Wave Parameters in a Large Unselected Pediatric Population of North-Western Romania: Results of the CARDIOPED Project. *Dis Markers*. 2021 Mar 6;2021:6657982. doi: 10.1155/2021/6657982 <https://www.hindawi.com/journals/dm/2021/6657982/> WOS:000631999300001, eISSN 1875-8630
 31. Sabina Istratoaie, Ştefan C. Vesa, Gabriel Cismaru, **Dana Pop**, Radu Roşu, Mihai Puiu, Diana Pepine, Cristina Ciobanu, Ioan A. Minciuna, Gelu Simu, Dumitru Zdrenghea, Anca D. Buzoianu. Value of Left Atrial Appendage Function Measured by Transesophageal Echocardiography for Prediction of Atrial Fibrillation Recurrence after Radiofrequency Catheter Ablation. *Diagnostics* (Basel). 2021 Aug; 11(8): 1465. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8394000/> WOS:000688784000001, eISSN 2075-4418
 32. Gabriel Cismaru , Iulia Valean , Mihnea Cantemir Zirbo , Alexandru Tirpe , Andrei Cismaru , Radu Rosu , Mihai Puiu , Lucian Muresan , Gabriel Gusetu , Ioan-Alexandru Minciuna , Cristian Marius Florea , Raluca Tomoaia , Dumitru Zdrenghea , **Dana Pop**. Left Atrial Volume Correlates with Mitral Annulus Size: An MDCT Study. *Applied Sciences* . 2021; 11,11329. DOI:10.3390/app112311329, WOS:000741419900001, eISSN 2076-3417
 33. Tomoaia R, Beyer RŞ, Zdrenghea D, Dădărlat-Pop A, Popescu MI, Cismaru G, Guşetu G, Şerban AM, Simu GR, Minciună IA, Caloian B, Roşu R, Chean MI, **Pop D**. Impact of Three-Dimensional Strain on Major Adverse Cardiovascular Events after Acute Myocardial Infarction Managed by Primary Percutaneous Coronary Intervention-A Pilot Study. *Life* (Basel). 2021 Sep 7;11(9):930. doi: 10.3390/life11090930. <https://www.mdpi.com/2075-1729/11/9/930>, WOS:000700639600001, eISSN 2075-1729
 34. Blaga Sorin Nicolae, Todor Nicolae, Zdrenghea Dumitru, Roşu Radu, Cismaru Gabriel, Puiu Mihai, Guşetu Gabriel, **Pop Dana**. The profile of patients with atrial fibrillation scheduled for cardioversion or catheter ablation hospitalized in a Romanian rehabilitation hospital. *Balneo and PRM Research Journal*. 2021;12(4):306-313. <http://bioclima.ro/Balneo455.pdf> [chrome-extension://efaidnbmnnnibpcajpcqlclefindmkaj/http://bioclima.ro/Balneo455.pdf](https://www.mdpi.com/2075-1729/12/4/306) WOS:000752443600003, eISSN2734-8458
 35. Gurzău A, Caloian B, Comşa H, Sitar-Tăut A, Zdrenghea D, **Pop D**. The importance of stratifying ischemic risk by using the Duke score in women with ischemic heart disease and hypothyroidism before inclusion in cardiovascular rehabilitation programs. *Balneo and PRM Research Journal*. 2021;12(3):248-254. [chrome-extension://efaidnbmnnnibpcajpcqlclefindmkaj/http://bioclima.ro/Balneo444.pdf](http://bioclima.ro/Balneo444.pdf) WOS:000686373200006, eISSN2734-8458
 36. Cimar G, **Pop D**, Zdrenghea D, Roşu R. Vitamin D Supplementation Replaced Catheter Ablation in a Patient with Frequent Premature Ventricular Contractions. *Journal of cardiovascular emergencies*. 2021;2:57-61 <https://sciendo.com/es/article/10.2478/jce-2021-0005>, WOS:000675912900005 , eISSN 2457-550X
 37. Marc A, Pop C, Sitar-Taut AV, Budisan L, Berindan-Neagoe I, **Pop D**. The role of matrix metalloproteinases in patients with pulmonary hypertension: data from a prospective study. *BMC Cardiovasc Disord*. 2021 Dec 20;21(1):607, <https://pubmed.ncbi.nlm.nih.gov/34930125/>, FI-2,174, Q4
 38. Sitar-Tăut AV, Cozma A, Fodor A, Coste SC, Orasan OH, Negrean V, **Pop D**, Sitar-Tăut DA. New

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Insights on the Relationship between Leptin, Ghrelin, and Leptin/Ghrelin Ratio Enforced by Body Mass Index in Obesity and Diabetes. *Biomedicines*. 2021;9(11):1657. <https://pubmed.ncbi.nlm.nih.gov/34829886/>

39. Minciună IA, Hilda Orășan O, Minciună I, Lazar AL, Sitar-Tăut AV, Oltean M, Tomoaia R, Puiu M, Sitar-Tăut DA, **Pop D**, Cozma A. Assessment of subclinical diabetic cardiomyopathy by speckle-tracking imaging. *Eur J Clin Invest*. 2021 Apr;51(4):e13475. <https://pubmed.ncbi.nlm.nih.gov/33326612/>
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Capitole în cărți de specialitate
națională/curs (cu ISBN)

Cluj-Napoca, 01.11.2023

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