



## Curriculum Vitae Europass

### Informații personale

Nume / Prenume **POP DANA**

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"> <li>○ Preparator, 1994 -1998</li> <li>○ Asistent Universitar, 1998 - 2004</li> <li>○ Șef Lucrări, 2004 - 2008</li> <li>○ Conferențiar, 2008 - 2014</li> <li>○ Profesor, 2014 - prezent</li> </ul>
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 &amp; 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"> <li>○ Ecografie transesofagiană – 2009</li> <li>○ Ecocardiografie – 2004</li> <li>○ Ecografie generală – 2000</li> </ul>
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

## EUROPEAN LEVELS - SELF ASSESSMENT GRID

Competențe și aptitudini de utilizare a calculatorului

Nivel avansat

Permis(e) de conducere

Categoria B

Competențe și aptitudini organizatorice

Cerc științific studențesc Cardiologie – Universitatea de Medicină și Farmacie "Iuliu Hațieganu", Cluj-Napoca  
 Director Cursuri ale Societății Române de Cardiologie CARDIOSEN ; INIMA SI SPORTUL, CARDIO-MAP  
 Director Conferințe ale Societății Române de Hipertensiune : COMBAT, A IV-a Conferință Națională Actualități în Hipertensiunea Arterială.  
 Membru în Comisia de sănătate-cardiologie a MS

Informații suplimentare

Participare/conducere granturi naționale/internaționale

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 CEE 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 nutritive îmbogățite cu fitosteroli obținute din proteine vegetale" (ALFIT). Membru. Director-Zdrenghea D
5. Proiect IDEI PN 2. E-PROCORD - Cod CNCIS 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. Pestrea C, Cicală E, Ivașcu M, Gherghina A, Orjan F, **Pop D**. Comparison of Depolarization and Repolarization Parameters in Left vs. Right Ventricular Septal Pacing—An Intra-procedural 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>.
2. Comșa H, Gușetu G, Cismaru G, Caloian B, Roșu R, Zdrenghea D, David A, Duțu 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>
3. 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/>.
4. Anchin 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/>
5. Chetan IM, Gergely-Domokos B, Beyer R, Tomoaia R, Cabau G, Vultur 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/>
6. Pestrea C, Cicală E, Ivașcu M, Gherghina A, Pintilie I, Orjan 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/>
7. 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/2075-1729/12/11/1895>. eISSN:2075-1729, WOS:000910826700001
8. Tomoaia R, Oprea A, Sandu I, Danu V, **Pop D**, Zdrenghea D, Dădărlat-Pop A, Minciună IA, Chetan 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
9. Irimie DA, Sitar-Tăut AV, Caloian B, Frîngu F, Cismaru G, Roșu R, Puiu M, Minciună IA, Simu G, 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
10. 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 citări WOS:000775116400001, eISSN2308-3425
11. 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
12. 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
13. Moț ȘDC, Șerban AM, Beyer RȘ, Cocoli M, Iuga H, Mureșan ID, Cozma S, Dădărlat-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
14. 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-2020-05> WOS:000647686000008, eISSN1680-0745
15. Tomoaia R, Beyer RȘ, Zdrenghea D, Dădărlat-Pop A, Popescu MI, Cismaru G, Gușetu G, Bodisz G, Chetan 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
16. Gurzău D, Dădărlat-Pop A, Caloian B, Cismaru G, Comșa 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
17. Diana Gurzău, Adela Sitar-Tăut, Bogdan Caloian, Gabriel Gușetu, Horațiu Comșa, 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
18. Sangsriwong M, Cismaru G, Puiu M, Simu G, Istratoaie S, Muresan L, Gușetu 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/md-journal/Fulltext/2021/07230/Formula\\_to\\_estimate\\_left\\_atrial\\_volume\\_using.8.aspx](https://journals.lww.com/md-journal/Fulltext/2021/07230/Formula_to_estimate_left_atrial_volume_using.8.aspx) WOS:000675548800008, eISSN 1536-5964
19. Tomoaia R, Molnar A, Beyer RȘ, 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
20. Minciuna IA, Puiu M, Cismaru G, Roșu R, Tomoaia R, Simu G, Istratoaie S, Caloian B, Comșa H, Gușetu G, Zdrenghea D, **Pop D**. The role of intracardiac echocardiography in reducing radiation

## EUROPEAN LEVELS - SELF ASSESSMENT GRID

- 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. 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
  22. Tomoaia R, Beyor 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
  23. Marțis A, Gușetu G Cismaru G, Zdrenghea D, Leucuța 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
  24. Cismaru G, Lazea C, Mureșan L, Gusetu G, Rosu R, Pop D, Zdrenghea D, Farcaș AD, Căinap SS Validation of Normal P-Wave Parameters in a Large Unselected Pediatric Population of North-Western Romania: Results of the CARDIOPEP 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
  25. Sabina Istratoaie, Ștefan C. Vesa, Gabriel Cismaru, Dana Pop, Radu Roșu, 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
  26. 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
  27. Tomoaia R, Beyor RS, Zdrenghea D, Dădărlat-Pop A, Popescu MI, Cismaru G, Gușetu G, Șerban AM, Simu GR, Minciună IA, Caloian B, Roșu R, Chețan 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
  28. Blaga Sorin Nicolae, Todor Nicolae, Zdrenghea Dumitru, Roșu Radu, Cismaru Gabriel, Puiu Mihai, Gușetu 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. [chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/http://bioclima.ro/Balneo455.pdf](http://bioclima.ro/Balneo455.pdf) WOS:000752443600003, eISSN2734-8458
  29. Gurzău A, Caloian B, Comșa 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://efaidnbmnnnibpcajpcglclefindmkaj/http://bioclima.ro/Balneo444.pdf](http://bioclima.ro/Balneo444.pdf) WOS:000686373200006, eISSN2734-8458
  30. Cismaru G, Pop D, Zdrenghea D, Roșu 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/ice-2021-0005>, WOS:000675912900005, eISSN 2457-550X
  31. 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
  32. Sitar-Tăut AV, Cozma A, Fodor A, Coste SC, Orasan OH, Negrean V, Pop D, Sitar-Tăut DA. *New 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/>
  33. 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/>
  34. Pop C, Fronea OFG, Pop L, Iosip A, Manea V, Dorobantu L, Cotoraci C, Bala C, Pop D, Dorobantu M. *High-normal blood pressure and related cardiovascular risk factors prevalence in the Romanian adult population: insights from the SEPHAR III study.* *J Hum Hypertens.* 2021;35(10):884-895, <https://pubmed.ncbi.nlm.nih.gov/32978496/>
  35. Fringu F, Zdrenghea D, Tomoaia R, Dădărlat-Pop A, Pop D. The Impact Of Diabetes Mellitus And Microvascular Complications On Heart Failure Biomarkers. *Eur J Intern Med.* 2020 Aug;78:157-158. doi: 10.1016/j.ejim.2020.04.025. [https://www.ejime.com/article/S0953-6205\(20\)30139-4/fulltext](https://www.ejime.com/article/S0953-6205(20)30139-4/fulltext) WOS:000553841300039, eISSN 1879-0828
  36. Glockler A, Cismaru G, Istratoaie S, Gusetu G, Zdrenghea D, Pop D, Roșu R What is the optimal duration of the TILT after administration of 0.4 mg nitroglycerin spray? *R.Medicine (Baltimore).* 2020 Mar;99(11):e19510. doi: 10.1097/MD.00000000000019510. [https://journals.lww.com/md-journal/Fulltext/2020/03130/What\\_is\\_the\\_optimal\\_duration\\_of\\_the\\_TILT\\_after.74.aspx](https://journals.lww.com/md-journal/Fulltext/2020/03130/What_is_the_optimal_duration_of_the_TILT_after.74.aspx) 0 citări WOS:000525195500074, eISSN 1536-5964
  37. Dădărlat-Pop A, Sitar-Tăut A, Zdrenghea D, Caloian B, Tomoaia R, Pop D, Buzoianu A. Profile of Obesity and Comorbidities in Elderly Patients with Heart Failure. *Clin Interv Aging.* 2020;15:547-556. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7184119/> WOS:000528012600001, eISSN 1178-1998

## EUROPEAN LEVELS - SELF ASSESSMENT GRID

38. Cismaru G, Grosu A, Istratoaie S, Mada L, Ilea M, Gusetu G, Zdrenghea D, **Pop D**, Roșu R. Transesophageal and intracardiac ultrasound in arrhythmogenic right ventricular dysplasia/cardiomyopathy: Two case reports. *Medicine (Baltimore)*. 2020;99(15):e19817 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7220632/> WOS:000531848600056, eISSN 1536-5964
39. Tomoaia R, Beyer RŞ, Zdrenghea D, Dădărlat-Pop A, **Pop D** Left ventricular ejection fraction and global longitudinal strain in patients with acute myocardial infarction after percutaneous revascularization: standard 2D vs triplane and 3D imaging. *Eur J Intern Med*. 2020 Sep;79:139-141. doi: 10.1016/j.ejim.2020.05.005. [https://www.ejinme.com/article/S0953-6205\(20\)30190-4/fulltext](https://www.ejinme.com/article/S0953-6205(20)30190-4/fulltext) 0 citări WOS:000565775400032, eISSN 1879-0828
40. Cismaru G, Rosu R, Puiu M, Gusetu G, Istratoaie S, Cismaru A, **Pop D**, Zdrenghea D. Catheter ablation of a latent accessory pathway under continuous infusion of adenosine: A case report. *Medicine (Baltimore)*. 2020 Jul 31;99(31):e21482. doi: 10.1097/MD.00000000000021482. [https://journals.lww.com/md-journal/Fulltext/2020/07310/Catheter\\_ablation\\_of\\_a\\_latent\\_accessory\\_pathway.105.aspx](https://journals.lww.com/md-journal/Fulltext/2020/07310/Catheter_ablation_of_a_latent_accessory_pathway.105.aspx) WOS:000562693800105, eISSN 1536-5964
41. Duțu B, Comșa H, Cismaru G, **Pop D**, Zdrenghea D, Iancu A. Obesity negatively predicts success rate and outcomes in patients with critical limb ischemia treated by percutaneous angioplasty. *Acta Medica Mediterranea*, 2020, 36: 829-833. <https://www.actamedicamediterranea.com/archive/2020/medica-2/obesity-negatively-predicts-success-rate-and-outcomes-in-patients-with-critical-limb-ischemia-treated-by-percutaneous-angioplasty> 0 citări WOS:000526121600014, eISSN 2283-9720
42. Frîngu FI, Sitar-Taut AV, Caloian B, Zdrenghea D, Comsa D, Gusetu G, **Pop D**. The role of NT PRO-BNP in the evaluation of diabetic patients with heart failure. *Acta Endocrinol (Buchar)*. 2020;16(2):183-191 <https://www.acta-endo.ro/Archive/Abstract?doi=2020.183> WOS:000597111200010, eISSN 1843-066X
43. Sitar-Taut AV, Coste SC, Țărmure S, Orasan OH, Fodor A, Negrean V, **Pop D**, Zdrenghea D, Login C, Tipericiu B, Cozma A. Diabetes and Obesity-Cumulative or Complementary Effects On Adipokines, Inflammation, and Insulin Resistance. *J Clin Med*. 2020;9(9):2767 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7564772/> 6 citări WOS:000581957400001, eISSN 2077-0383
44. Cismaru Gabriel, Gurzau Diana, Fringu Florina, Martis Alexandru, Caloian Bogdan, Comsa Horatiu, Gusetu Gabriel, Puiu Mihai, Istratoaie Sabina, Cismaru Andrei, Rosu Radu, **Pop Dana**, Zdrenghea Dumitru. Vitamin D supplementation with Cardiac Rehabilitation reduces the number of RVOT Premature Ventricular Contractions. *Balneo Research Journal*. 2020;11(4):566-568 chrome-extension://efaidnbmnnnibpajpcglclefindmkaj/http://bioclima.ro/Balneo406.pdf, WOS:000598768600036, eISSN 2069-7619
45. Zgîia Alexandra, Maataoui Fadi, Cismaru Gabriel, Cismaru Andrei, Gurzau Diana, Frangu Florina, Martis Alexandru, Caloian Bogdan, Comsa Horatiu, Gusetu Gabriel, Puiu Mihai, Istratoaie Sabina, Rosu Radu, **Pop Dana**, Zdrenghea Dumitru. I have an arrhythmia. Do I need Cardiac Rehabilitation? *Balneo Research Journal*. 2020;11:180186 chrome-extension://efaidnbmnnnibpajpcglclefindmkaj/http://bioclima.ro/Balneo337.pdf, 0 citări WOS:000531003300014 eISSN 2069-7619
46. **Pop Dana**, Dădărlat-Pop Alexandra, Cismaru Gabriel, Zdrenghea Dumitru. The control of cardiovascular risk factors – an essential component of the rehabilitation of patients with ischemic heart disease. What are the current targets? *Balneo Research Journal*. 2020;11:20-23 chrome-extension://efaidnbmnnnibpajpcglclefindmkaj/http://bioclima.ro/Balneo310.pdf, WOS:000514812700004, eISSN 2069-7619
47. **Pop Dana**, Dădărlat-Pop Alexandra, Cismaru Gabriel, Zdrenghea Dumitru, Caloian Bogdan. Lifestyle changes in arterial hypertension - an important objective of cardiovascular rehabilitation. The role of physical exercise. *Balneo and PRM Research Journal*. 2020;11:460-462 chrome-extension://efaidnbmnnnibpajpcglclefindmkaj/http://bioclima.ro/Balneo378.pdf, WOS:000598768600008, eISSN 2069-7619
48. POP Lacramioara-Eliza, **POP Dana**, PANTELEMON Cristina. Ambulatory electrocardiographic monitoring as a diagnostic tool for ischemic heart disease in women. *Balneo Research Journal*. 2020;11(3):409–416, chrome-extension://efaidnbmnnnibpajpcglclefindmkaj/http://bioclima.ro/Balneo370.pdf
49. Angela Cozma, Adriana Fodor, Lucia Maria Procopciuc, Teodora Alexescu, Vasile Negrean, **Dana Pop**, Doina Alina Todea, Olga Hilda Orășan, Adela-Viviana Sitar-Taut. Does the Nitric Oxide Synthase T786C Gene Polymorphism Influence Arterial Stiffness in Patients with Metabolic Syndrome? *Artery Research*. 2020;26: 97–101, <https://www.atlantispress.com/journals/artres/125938373>
50. Tomoaia R, Beyer RŞ, **Pop D**, Minciună IA, Dădărlat-Pop A. Fatal association of fulminant myocarditis and rhabdomyolysis after immune checkpoint blockade. *Eur J Cancer*. 2020;132:224-227, <https://pubmed.ncbi.nlm.nih.gov/32336614/>
51. Anchin Ovidiu-Ionuț, Nemeș Ancuța Molnar Adrian, Roșianu Adela, Roșianu Ștefan Horea, **Pop Dana**. Are cardiovascular rehabilitation programs implemented in young patients with acute coronary syndromes following revascularization procedures? *Balneo Research Journal*. 2020;11:133-140, file:///D:/Downloads/Are\_cardiovascular\_rehabilitation\_programs\_impleme.pdf
52. Cismaru Gabriel, Zgîia Alexandra, Istratoaie Sabina, Puiu M, Mureșan L, Cismaru A, Gusetu G, **Pop D**, Zdrenghea D, Roșu R. RVOT ventricular tachycardia ablation in a patient with atrial septal defect: a case report. *Int J Clin Exp Med*. 2020: 8118-8126. chrome-extension://efaidnbmnnnibpajpcglclefindmkaj/https://e-century.us/files/ijcem/13/10/ijcem0108550.pdf,
53. Roșu R, Cismaru G, Muresan L, Puiu M, Gusetu G, Istratoaie S, **Pop D**, Zdrenghea D. Intracardiac echocardiography for transseptal puncture. A guide for cardiac electrophysiologists. *Med Ultrason*. 2019;21(2):183-190 Intracardiac echocardiography for transseptal puncture. A guide for cardiac electrophysiologists | Rosu | Medical Ultrasonography (medultrason.ro) WOS:000480776200013, eISSN 2066-8643
54. Istratoaie S, Roșu R, Cismaru G, Vesa ȘC, Puiu M, Zdrenghea D, **Pop D**, Buzoianu AD. The Impact of Pulmonary Vein Anatomy on the Outcomes of Catheter Ablation for Atrial Fibrillation, *Medicina (Kaunas)*. 2019;55(11):727. <https://www.mdpi.com/1648-9144/55/11/727> WOS:000502058000027, eISSN 1648-9144
55. Zdrenghea D, Gușetu G, Zdrenghea M, Cismaru G, Caloian B, Vaidean G, **Pop D**. CV RISK - A new relative cardiovascular risk score. *Med Hypotheses*. 2019;132:109362

EUROPEAN LEVELS - SELF ASSESSMENT GRID

- <https://www.sciencedirect.com/science/article/pii/S0306987719307029?via%3Dihub> 2 citări  
WOS:000496037800030, eISSN 1532-2777
56. Dădărlat A, Pop D, Fărcaș A, Zdrenghea D, Bodis G, Tomoaia R, Gurzău D, Șuşcă-Hojda S, Frîngu F, Buzolanu A. Can the Presence of Atrial Fibrillation Influence the Levels of Heart Failure - Specific Biomarkers in Overweight and Obese Patients with Heart Failure? REV.CHIM.(Bucharest). 2019; 70: 2294-2299 <https://revistadechimie.ro/Articles.asp?ID=7326>, WOS.000475860100086, ISSN 0034-7752,
  57. Cojan-Mînzat BO, Boarescu PM, Cismaru G, Rosu R, Clonca C, Pop D, Zdrenghea D, Agoston-Coldea L. Catheter ablation of a right posterior accessory pathway in a patient with left ventricular noncompaction. A case report. Medicine (Baltimore). 2019 ;98(5):e14267. [https://journals.lww.com/md-journal/Fulltext/2019/02010/Catheter\\_ablation\\_of\\_a\\_right\\_posterior\\_accessory.36.aspx](https://journals.lww.com/md-journal/Fulltext/2019/02010/Catheter_ablation_of_a_right_posterior_accessory.36.aspx) WOS:000462392900036, eISSN 1536-5964,
  58. Sitar-Taut A, Orășan O , Fodor A, Fărcaș A, Sarlea Țărmure S, Dogaru G, Zdrenghea D, Pop D, Cozma A. The Relationship Between Inflammation and Metabolic Syndrome (MetS) - A Matter of Gender? REV.CHIM.(Bucharest). 2019; 70: 69-73. <https://revistadechimie.ro/Articles.asp?ID=6853> WOS:000460428100015, ISSN 0034-7752
  59. Minciuna IA, Puiu M, Cismaru G, Gușetu G, Comsa H, Caloian B, Zdrenghea D, Pop D, Radu R. Tachycardia-induced cardiomyopathy in a patient with left-sided accessory pathway and left bundle branch block: A case report. Medicine (Baltimore). 2019;98(32):e16642. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6708607/> WOS:000483262500021, eISSN 1536-5964
  60. Chan Keith Andrew, Cismaru Gabriel, Istratoaie Sabina, Puiu Mihai , Gusetu Gabriel, Caloian Bogdan, Comsa Horațiu, Frîngu Florina, Gurzău Diana , Marțis Alexandru , Pop Dana, Zdrenghea Dumitru, Roșu Radu. Cardiac rehabilitation in elderly athletes. Analysis of elderly participation in Wizz Air Cluj-Napoca Marathon.Balneo Research Journal. 2019;10(2):231-235 [chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/http://bioclima.ro/Balneo262.pdf](http://bioclima.ro/Balneo262.pdf), 2 citări WOS:000483324300006, eISSN 2069-7619
  61. Dan-Andrei Sitar-Tăut, Adela-Viviana Sitar-Tăut, Mican Daniel, Cozma Angela, Hilda Orășan Olga, Mureșan Crina, Suharoschi Ramona, Negrean Vasile, Sâmpălean Dorel, Romana Vulturar, Dumitru Tudor Zdrenghea, Dana Pop, Gabriela Dogaru, Alexandra Dădărlat, Adriana Fodor. Collaborative platform development in nutrition as support for cardiovascular patients' rehabilitation. Balneo Research Journal. 2019;10(2):139-144 [chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/http://bioclima.ro/Balneo253.pdf](http://bioclima.ro/Balneo253.pdf), WOS:000475484800012, eISSN 2069-7619
  62. Ovidiu Anchin, Dana Pop . Young patients with myocardial infarction – particularities of cardiovascular rehabilitation. Balneo Research Journal. 2019;10(2):124–128, [chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/http://bioclima.ro/Balneo250.pdf](http://bioclima.ro/Balneo250.pdf)
  63. Grosu AI, Radulescu D, Grosu LC, Pop D. Remodelling in atrial fibrillation: the impact of amiodarone. Cardiovasc J Afr. 2019;30(3):174-180.
  64. Bala C, Gheorghe-Fronea O, Pop D, Pop C, Caloian B, Comșa H, Bozan C, Matei C, Dorobanțu M. The Association Between Six Surrogate Insulin Resistance Indexes and Hypertension: A Population-Based Study. Metab Syndr Relat Disord. 2019;17(6):328-333. <https://www.liebertpub.com/doi/10.1089/met.2018.0122>
  65. Cozma A, Fodor A , Orășan O, Suharoschi R, Mureșan C, Vulturar R, Sâmpălean D, Negrean V, Pop D, Sitar-Taut A. A comparison between insulin resistance scores parameters in identifying patients with metabolic syndrome. STUDIA UBB CHEMIA. 2019; LXIV:147-159 |
  66. Tomoaia R, Beyer RS, Simu G, Serban AM, Pop D. Understanding the role of echocardiography in remodeling after acute myocardial infarction and development of heart failure with preserved ejection fraction. Med Ultrason. 2019;21(1):69-76. <https://pubmed.ncbi.nlm.nih.gov/30779834/>
  67. Mureșan L, Oancea I, Mada RO, Petcu A, Pamfil C, Muresan C, Rinzis M, Pop D, Zdrenghea D, Rednic S. Relationship Between Ventricular Arrhythmias, Conduction Disorders, and Myocardial Fibrosis in Patients With Systemic Sclerosis. J Clin Rheumatol. 2018 Jan;24(1):25-33. [https://journals.lww.com/jclinrheum/Abstract/2018/01000/Relationship\\_Between\\_Ventricular\\_Arrhythmias.5.aspx](https://journals.lww.com/jclinrheum/Abstract/2018/01000/Relationship_Between_Ventricular_Arrhythmias.5.aspx) WOS:000419406200005, eISSN 1536-7355
  68. Comșa HI, Zdrenghea D, Man SC, Pop D. The role of novel atherosclerosis markers in peripheral artery disease: is there a gender difference? Cardiovasc J Afr. 2018; 29(5): 322–330. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8962700/> WOS:000457730600012, eISSN 1680-0745
  69. Cozma A, Sitar-Taut A, Orășan O, Leucuta D, Alexescu T, Stan A, Negrean V, Sâmpălean D, Pop D, Zdrenghea D, Vulturar R, Fodor A. Determining Factors of Arterial Stiffness in Subjects with Metabolic Syndrome. Metab Syndr Relat Disord. 2018 Nov;16(9):490-496. <https://www.liebertpub.com/doi/10.1089/met.2018.0057> WOS:000448934400006, eISSN 1557-8518
  70. Cismaru G, Mureșan L, Rosu R, Puiu M, Gusetu G, Toganel R, Pop D, Zdrenghea D. Intracardiac echocardiography to guide catheter ablation of an accessory pathway in Ebstein's anomaly. A case report. Med Ultrason. 2018 May 2;20(2):250-253. <https://www.medultrason.ro/medultrason/index.php/medultrason/article/view/1347/1162> WOS:000436420000020, eISSN 2066-8643
  71. Cozma, Angela; Taut, Adela Sitar; Orasan, Olga, Procopciuc L, Fărcaș A, Stan A, Negrean V, Sâmpălean V, Pop D, Zdrenghea D, Fodor A. The Relationship Between eNOS (G894T) Gene Polymorphism and Arterial Stiffness in Patients with Metabolic Syndrome. Revista de Chimie. 2018;69(9):2351-2356 <https://revistadechimie.ro/Articles.asp?ID=6532> WOS:000449628400009, ISSN 0034-7752
  72. Caloian B, Sitar-Taut AV, Gusetu GN, Pop D, Zdrenghea DT. The Influence of Cardiac Pacemaker Programming Modes on Exercise Capacity. In Vivo. 2018 Mar-Apr;32(2):419-424 <https://iv.liajournals.org/content/32/2/419.long>, WOS:000426048600030, eISSN 1791-7549
  73. Iosip A, Pop D, Sitar-Taut A, Niculescu I, Caloian B, Zdrenghea D, Zdrenghea M. NT-PRO-BNP and uric acid levels correlate in patients with copd and heart failure. Acta Medica Mediterranea, 2018, 34: 189-195 <https://www.actamedicamediterranea.com/archive/2018/medica-1/nt-pro-bnp-and-uric-acid-levels-correlate-in-patients-with-copd-and-heart-fai-lure> WOS:000424878600031, eISSN 2283-9720
  74. Aursulesei S, Simu G, Florea C, Boarescu P, Gheorghiu C, Frangu F, Cismaru G, Puiu M, Rosu R, Zdrenghea D, Pop D. Variation of the PR interval for confirming ventricular pre-excitation on a 12-lead ECG. Oxf Med Case Reports. 2018 Sep 10;2018(10):omy064 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6130330/>, WOS:000454639300001, ISSN 2053-8855

## EUROPEAN LEVELS - SELF ASSESSMENT GRID

75. Diana Gurzău, Bogdan Caloian, Florina Frîngu, Gabriel Cismaru, Dumitru Zdrenghea, **Dana Pop**. The role of cardiovascular rehabilitation in women with ischemic heart disease and rhythm disorders. *Balneo Research Journal*. 2018;9(2):50-53 chrome-extension://efaidnbmnnnibpajpcglclefindmkaj/http://bioclima.ro/Balneo171.pdf, WOS:000433047800002, eISSN 2069-7619,
76. Adriana Iosip, Bogdan Caloian, Florina Frîngu, Dumitru Zdrenghea, **Dana Pop**. Particularities of cardiovascular rehabilitation in patients with chronic cor pulmonale. *Balneo Research Journal*. 2018;9(4):397-400 chrome-extension://efaidnbmnnnibpajpcglclefindmkaj/http://bioclima.ro/Balneo219.pdf
77. Bogdan Caloian, Gabriel Nicolae Gușetu, Simona Costea, Dan Horațiu Comsa, Gabriel Laurențiu Cismaru, Radu Ovidiu Roșu, **Dana Pop**, Dumitru Tudor Zdrenghea. The effect of cardiac pacemaker implantation on cardiac performance – the experience of a Cardiology – Rehabilitation Department. *Balneo Research Journal*. 2018;9(2):54-58 chrome-extension://efaidnbmnnnibpajpcglclefindmkaj/http://bioclima.ro/Balneo172.pdf, WOS:000433047800003, eISSN 2069-7619
78. Alexandru Marțiș, Gabriel Gușetu, Bogdan Duțu, Dumitru Zdrenghea, **Dana Pop**. The role of psychosocial factors and physical training for patients with implantable cardioverter defibrillators. *Balneo Research Journal*. 2018;9(2):69-72 chrome-extension://efaidnbmnnnibpajpcglclefindmkaj/http://bioclima.ro/Balneo175.pdf, WOS:000433047800006, eISSN 2069-7619
79. Frîngu Florina, Caloian Bogdan, Gurzau Diana, Comsa Horatiu, Gabriel Gușetu, Dumitru Zdrenghea, **Dana Pop**. Cardiac rehabilitation in patients with heart failure and diabetes mellitus. *Balneo Research Journal*. 2018;9(2):73-75 chrome-extension://efaidnbmnnnibpajpcglclefindmkaj/http://bioclima.ro/Balneo176.pdf, WOS:000433047800007, eISSN 2069-7619
80. Horațiu Comșa, Gabriel Gușetu, Bogdan Caloian, Radu Roșu, Adina David, Gabriel Cismaru, Dumitru Zdrenghea, **Dana Pop**. Gender specific differences in peripheral artery disease and their impact on cardiovascular rehabilitation -the experience of a Romanian Rehabilitation Hospital. *Balneo Research Journal*. 2018;9(1):20-23 chrome-extension://efaidnbmnnnibpajpcglclefindmkaj/http://bioclima.ro/Balneo165.pdf, WOS:000425928000004, eISSN 2069-7619
81. Alexandra Dădărlat, Adela Viviana Sitar-Tăut, Dumitru Zdrenghea, **Dana Pop**, Anca Buzoianu. The profile of cardiovascular risk factors in heart failure obese patients hospitalised in a rehabilitation romanian hospital. *Balneo Research Journal*. 2018;9(1):28-33 chrome-extension://efaidnbmnnnibpajpcglclefindmkaj/http://bioclima.ro/Balneo167.pdf,
82. Duțu B, Zdrenghea D, **Pop D**, Cismaru G, Martis A, Iancu AC. *Symptomatic Total Aortic Occlusion*. *Am J Case Rep*. 2018 May 22;19:589-592. <https://amjcaserep.com/abstract/index/idArt/907547>, WOS:000432902400001, ISSN 1941-5923
83. Gabriel C, Puiu M, Rosu R, Muresan L, Rancea R, Gusetu G, **Pop D**, Zdrenghea D. *Intracardiac ultrasound to detect aneurysm in arrhythmogenic right ventricular /cardiomyopathy*. *Oxf Med Case Reports*. 2018 Jan 25;2018(1):omx088. <https://academic.oup.com/omcr/article/2018/1/omx088/4824928>, WOS:000429180500011, ISSN 2053-8855
84. Cismaru G, Puiu M, Rosu R, Muresan L, Gusetu G, **Pop D**, Zdrenghea D. *Direct ICE imaging from inside the left atrial appendage during ablation of persistent atrial fibrillation*. *Oxf Med Case Reports*. 2018 Jan 9;2018(1):omx079. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5761508/> 0 WOS:000429180500003, ISSN 2053-8855
85. Angela Cozma, Adela Sitar-Taut, Laura Urian, Adriana Fodor, Ramona Suharoschi, Crina Muresan, Vasile Negrean, Dorel Sampelean, Dumitru Zdrenghea, **Dana Pop**, Leucuta Daniel, Olga Hilda Orasan. *Journal of Mind and Medical Sciences*.2018; 5 (2): 218-229 <https://scholar.valpo.edu/jmms/vol5/iss2/12/>, WOS:000446219300011, ISSN 2392-7674
86. Duțu D, **Pop D**, Zdrenghea D, Comșa H. Iancu A. The place and role of rehabilitation in patients undergoing endovascular revascularization for chronic critical ischemia. *Balneo Research Journal*. 2018;9(3):245-248 chrome-extension://efaidnbmnnnibpajpcglclefindmkaj/http://bioclima.ro/Balneo189.pdf, WOS:000452625100007, eISSN 2069-7619,
87. Sabina Istraloaie, Gabriel Cismaru, Radu Rosu, Alin Bian, Diana Gurzău, Florina Frîngu, Bogdan Caloian, Horațiu Comșa, Alexandru Marțiș, Gabriel Gușetu, Dumitru Zdrenghea, **Dana Pop**, Anca Buzoianu. Cardiac rehabilitation after catheter ablation of atrial fibrillation. *Balneo Research Journal*. 2018;9(3):335-339 chrome-extension://efaidnbmnnnibpajpcglclefindmkaj/http://bioclima.ro/Balneo208.pdf, WOS:000452625100026, eISSN 2069-7619
88. Dan-Horațiu Comșa, Dumitru Zdrenghea, Ioana Berindan-Neagoe, Livia Budișan, Gabriel Gușetu, Adela V. Sitar-Tăut, Bogdan Caloian, **Dana Pop**. Particularities of traditional and novel atherosclerotic risk factors in women with peripheral arterial disease in a Romanian Rehabilitation Hospital. *Balneo Research Journal*. 2018;9(4):442-447 chrome-extension://efaidnbmnnnibpajpcglclefindmkaj/http://bioclima.ro/Balneo229.pdf, WOS:000452626000019, eISSN 2069-7619
89. Cismaru G, Schiau S, Muresan L, Rosu R, Puiu M, Gusetu G, **Pop D**, Zdrenghea D. *Intravascular pulmonary venous ultrasound imaging for catheter ablation of atrial fibrillation*. *Expert Rev Med Devices*. 2017 Apr;14(4):309-31 <https://www.tandfonline.com/doi/abs/10.1080/17434440.2017.1309973?journalCode=ierd20> WOS:000399910300008, eISSN 1745-2422
90. Mureșan L, Petcu A, Muresan C, Rinzis M, Gusetu G, **Pop D**, Zdrenghea D, Rednic S. *The Role of NT-proBNP in the Diagnosis of Ventricular Arrhythmias in Patients with Systemic Sclerosis*. *Iran J Public Health*. 2017;46(7):906-916 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5563872/> WOS:000405009000006, eISSN 2251-6093
91. Zăgreanu VM, **Pop D**, Zdrenghea M, Sitar-Taut A, Caloian B, Zdrenghea DT. *Plasmatic Levels of N-terminal Pro-BNP in Elderly Patients with Atrial Fibrillation and Heart Failure with Preserved Ejection Fraction*. *Iran J Public Health*. 2017 Apr;46(4):568-570 <https://ijph.tums.ac.ir/index.php/ijph/article/view/9769> WOS:000400528500018, eISSN 2251-6093
92. Caloian B, Zdrenghea D, Man SC, Costea S, Zdrenghea M, **Pop D**. *Echocardiography as the first diagnostic clue to rapidly progressive systemic AL amyloidosis associated with multiple site*

## EUROPEAN LEVELS - SELF ASSESSMENT GRID

- thrombosis. A case report. Med Ultrason. 2017 ;19(4):451-453. <https://medultrason.ro/medultrason/index.php/medultrason/article/view/1095> WOS:000418329400016, eISSN 2066-8643
93. Cismaru G, Muresan L, Puiu M, Rosu R, Gusetu G, Pop D, Zdrenghea D. Ablation of a left-sided accessory pathway with near-zero fluoroscopy in a 9-year-old boy. *Oxf Med Case Reports.* 2017 Sep 4;2017(9):omx052. doi: 10.1093/omcr/omx052. eCollection 2017 Sep <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5597910/> WOS:000418515800005, ISSN 2053-8855
94. Florina Frîngu, Gabriel Gușetu, Adriana Iosip, Diana Gurzău, Gabriela Dogaru, Dumitru Zdrenghea, Dana Pop. The predictors of exercise capacity impairment in diabetic patients. *Balneo Research Journal.* 2017;8(2):26-32 <http://bioclima.ro/Balneo138.pdf>. chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/ WOS:000405861700001, eISSN 2069-7619
95. Pop Dana, Caloian B, Cismaru G, Gușetu G, Radu R, Comșa H, Zdrenghea DT. Secondary prevention -an essential component of the comprehensive rehabilitation of patients with heart failure. *Balneo Research Journal.* 2017;8(4):217-219 WOS:000419696200004, eISSN 2069-7619
96. Bogdan Caloian, Dana Pop, Gabriel Gușetu, Dumitru Zdrenghea. The role of Cardiopulmonary exercise testing in the initial evaluation of patients wearing intracardiac devices submitted to cardiac rehabilitation. *Balneo Research Journal.* 2017;8(4):206-211 [chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/http://bioclima.ro/Balneo152.pdf](http://bioclima.ro/Balneo152.pdf), WOS:000419696200002, eISSN 2069-7619
97. Zdrenghea M, Tăut-Sitar A, Cismaru G, Zdrenghea D, Pop D. Xanthine oxidase inhibitors in ischaemic heart disease. *Cardiovasc J Afr.* 2017 May/Jun 23;28(3):201-204 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5558131/> WOS:000405948700015, eISSN 1680-0745
98. Cocoi A, Pop D, Cocoi M, Șerban A, Vida-Simiti L. Involvement of inflammatory markers in pathogenesis of venous thromboembolism. *Revista Română de Medicină de Laborator.* 2017; 3: 227-236. [file:///D:/Downloads/Involvement of inflammatory markers in pathogenesis.pdf](file:///D:/Downloads/Involvement%20of%20inflammatory%20markers%20in%20pathogenesis.pdf). FI- 0.400, Q4
99. Zdrenghea M, Bagacean C, Renaudineau Y, Salaun PY, Marin H, Pop D, Tempescul A. Isolated Cardiac Richter Syndrome: a Case Report. *Ann Hematol.* <https://pubmed.ncbi.nlm.nih.gov/27696201/2017:147-149>
100. Gusetu G, Pop D, Pamfil C, Balaj R, Muresan L, Cismaru G, Matuz R, Rosu R, Zdrenghea D, Rednic S. Subclinical myocardial impairment in SLE: insights from novel ultrasound techniques and clinical determinants. *Med Ultrason.* 2016;18(1):47-56 <https://medultrason.ro/medultrason/index.php/medultrason/article/view/102F>, WOS:000371174400009, eISSN 2066-8643
101. Muresan L, Petcu A, Pamfil C, Muresan C, Rinzis M, Mada RO, Gusetu GN, Pop D, Zdrenghea D, Rednic S. Cardiovascular profiles of scleroderma patients with arrhythmias and conduction disorders. *Acta Reumatol Port.* 2016;41(1):26-39 [file:///D:/Downloads/Cardiovascular profiles of scleroderma patients wi.pdf](file:///D:/Downloads/Cardiovascular%20profiles%20of%20scleroderma%20patients%20wi.pdf) WOS:000373751900004, ISSN 0303-464X
102. Mureșan L, Petcu A, Oancea I, Mada R, Mureșan C, Pamfil C, Rinziș M, Gușetu G, Pop Dana, Zdrenghea D. Impact of myocardial fibrosis on left ventricular diastolic function in patients with systemic sclerosis. *International journal of clinical and experimental medicine.* 2016;9(7):14271-14282 <chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://e-century.us/files/ijcem/9/7/ijcem0024967.pdf> WOS:000386428400225, ISSN 1940-5901
103. Gusetu G, Pop D, Zdrenghea D, Matuz R, Petcu A, Rinzis M, Cismaru G, Rednic S. The Correlation between Exercise NT-pro-BNP and Asymptomatic Cardiac Dysfunction in Patients with Systemic Lupus Erythematosus. *Acta Endo (Buc)* 2015 11: 319-324 <https://acta-endo.ro/Archive/Abstract?doi=2015.319> WOS:000358558200008, eISSN 1843-066X
104. Sitar Taut AV, Pop D, Zdrenghea DT. NT-proBNP values in elderly heart failure patients with atrial fibrillation and diabetes. *J Diabetes Complications.* 2015;29(8):1119-23 <https://www.sciencedirect.com/science/article/abs/pii/S1056872715003591?via%3Dihub> WOS:000366884900025, eISSN 1873-460X
105. Cismaru G, Rosu R, El Kamar N, Muresan L, Puiu M, Andronache M, Puie P, Matuz R, Gusetu G, Pop D, Mircea PA, Zdrenghea D. Distance between the Left Atrial Appendage and Mitral Annulus Evaluated by CARTO 3 Integrated Computed Tomography Imaging. *Med Princ Pract.* 2015;24(6):555-9 2 citări WOS:000364216200010, eISSN 1423-0151
106. Cismaru G, Mester P, Muresan L, Rosu R, Gusetu G, Puiu M, Pop D, Mircea PA, Zdrenghea D. Idiopathic ventricular premature contractions originating from the postero-lateral tricuspid annulus leading to left ventricular dysfunction. *Int J Clin Exp Med.* 2015;8(3):4690-3 WOS:000355307300209, ISSN 1940-5901
107. Roșu R, Cismaru G, Muresan L, Puiu M, Andronache M, Gusetu G, Pop D, Mircea PA, Zdrenghea D. Catheter ablation of ventricular tachycardia related to a septo-apical left ventricular aneurysm. *Int J Clin Exp Med.* 2015;8(10):19576-80 WOS:0003676698000321, ISSN 1940-5901
108. Cismaru G, Gusetu G, Muresan L, Rosu R, Andronache M, Matuz R, Puiu M, Mester P, Miclaus M, Pop D, Mircea PA, Zdrenghea D. Recovery of Ventriculo-Atrial Conduction after Adrenaline in Patients Implanted with Pacemakers. *Pace-Pacing And Clinical Electrophysiology.* 2015;38(7):857-63. <https://onlinelibrary.wiley.com/doi/10.1111/pace.12641> WOS:000357322100011, eISSN 1540-8159
109. Puie P, Cismaru G, Muresan L, Rosu R, Puiu M, Andronache M, Gusetu G, Matuz R, Mircea PA, Pop D, Zdrenghea D. Insights into the mechanism of idiopathic left ventricular tachycardia: a case report and literature review. *Eur J Med Res.* 2015; Sep 17;20:77. <https://eurjmedres.biomedcentral.com/articles/10.1186/s40001-015-0156-y> WOS:000361285200002, eISSN 2047-783X
110. Bagacean C, Tempescul A, Ianotto JC, Marion V, Pop D, Zdrenghea M. Exudative pericarditis in the evolution of a diffuse large B-cell lymphoma. *Cardiovasc J Afr.* 2015 Jul 23;26(4):e9-11
111. Darabont R, Tautu OF, Pop D, Frunteleta A, Deaconu A, Onciul S, Salaru D, Micoara A, Dorobantu M. Visit-to-Visit Blood Pressure Variability and Arterial Stiffness Independently Predict Cardiovascular Risk Category in a General Population: Results from the SEPHEAR II Study. *Hellenic J Cardiol.* 2015 May-Jun;56(3):208-16
112. Zdrenghea DT, Ilea M, Bodizs G, Sitar-Tăut A, Zdrenghea M, Pop D. NT-pro-BNP during isotonic and isometric exercise in heart failure patients with preserved LV ejection fraction. *Clin Lab.*

## EUROPEAN LEVELS - SELF ASSESSMENT GRID

2014;60(12):2055-61 <https://www.clin-lab-publications.com/article/1684> 3WOS:000347667300014, ISSN 1433-6510

113. **Pop D**, Dădărlat A, Zdrenghea D. Novel cardiovascular risk markers in women with ischaemic heart disease. *Cardiovasc J Afr.* 2014;25(3):137-41. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4120125/>
114. Zdrenghea D, Ilea Maria, Zdrenghea M, Sitar-Tăut Adela-Viviana, **Pop D**. The Effects of Maximal and Submaximal Exercise Testing on NT-proBNP Levels in Patients with Systolic Heart Failure. *Rev Romana Med Lab.* 2014; 22(1):25-33 <https://sciendo.com/article/10.2478/rrlm-2014-0008> 8 citări WOS:000336682100002, eISSN 2284-5623
115. Cismaru G, Rosu R, Muresan L, Puiu M, Andronache M, Hengan E, Ispas D, Gușetu G, **Pop D**, Mircea PA, Zdrenghea D. The value of adrenaline in the induction of supraventricular tachycardia in the electrophysiological laboratory. *Europace.* 2014 ;\_\_\_\_(11):1634-8. <https://academic.oup.com/europace/article/16/11/1634/603984?login=true> 4 citări WOS:000344657700015, eISSN 1532-2092
116. **Pop D**, Sitar-Taut A, Bodisz G, Zdrenghea D, Cebanu M, Stanca L. Role of secretory phospholipase A<sub>2</sub> in women with metabolic syndrome. *Indian J Med Res.* 2013;138(6):866-72. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3978974/> WOS:000330879500011, ISSN 0971-5916
117. **Pop D**, Dădărlat A, Zdrenghea M, Zdrenghea DT, Sitar-Tăut AV. Evolution of cardiovascular risk factors and ischemic heart disease in an elderly urban Romanian population over the course of 1 year. *Clin Interv Aging.* 2013;8:1497-503 WOS:000327267200001, eISSN 1178-1998
8. **Pop D**, Penciu OM, Sitar-Taut AV, Zdrenghea DT. Comparative heart failure profile over a 3-year period in a Romanian hospital. *Clin Interv Aging.* 2013;8:999-1005. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3733873/> WOS:000322311700001, eISSN 1178-1998

### Cărți și capitole în publicații internaționale

1. Zdrenghea D, **Pop Dana**. Angina pectoris. In *Cardiac Rehabilitation manual*. Niebauer J. (ed), London: Springer second edition. 2017. ISBN:978-3-319-47738-1
2. Zdrenghea D, **Pop Dana**, Gabriel Gușetu. The rehabilitation in cardiac resynchronization therapy. In *Cardiac Rehabilitation manual*. Niebauer J. (ed), London: Springer second edition. 2017. ISBN:978-1-84882-739-6
3. Gabriel Cismaru, Lucian Muresan, Puiu Mihai, Radu Rosu, Gabriel Gușetu, Andrei Cismaru, **Dana Pop** and Dumitru Zdrenghea. Cardiac Anatomy for the Electrophysiologist with Emphasis on the Left Atrium and Pulmonary Veins. In Sisu Alina Maria. *Human Anatomy - Reviews and Medical Advances*. INTECH. 2017, ISBN: 978-953-51-3612-5
4. Cismaru Gabriel, Lucian Muresan, Puiu Mihai, Radu Rosu, Gabriel Gușetu, **Dana Pop** and Dumitru Zdrenghea. *Role of the Electrophysiologist in the Treatment of Tachycardia-Induced Cardiomyopathy*. In John Kassotis. *The Role of the Clinical Cardiac Electrophysiologist in the Management of Congestive Heart Failure*. INTECH. 2017, ISBN: 978-953-51-2948-6
5. Cismaru Gabriel, Șerban Șchiu, Gabriel Gușetu, Lucian Mureșan, Puiu Mihai, Radu Rosu, **Dana Pop** and Dumitru Zdrenghea. ICD Electrocardiograms in Patients with Brugada Syndrome. In Kevin A. Michel. *Interpreting Cardiac Electrograms*. INTECH. 2017, ISBN:978-953-51-3572-2
6. Gușetu G, Mureșan L, Radu R, Comșa H, Calian B, **Pop Dana**, Zdrenghea D. în Cismaru Gabriel. *Arrhythmia Induction in the EP Lab. How to induce pacemaker-mediated tachardia?* Ed. Springer. 2019, ISBN: 978-3-319-92729-9

### Cărți în publicații internaționale

1. Zdrenghea D, **Pop D**, Gaiță D, Gușetu G, Zdrenghea M. *Manualul Inimii*. Ed. Clusium. 2013. ISBN:978-973-555-609-9
2. **Pop Dana** (sub red). Bob M, Crișan D, Gheban D, Filip A, Loghin C, Părvu A, Orășan M, Buzdugan E, Fărcaș A, Molnar A, Boca A, Zdrenghea D. *INIMA-abordare integrativă*. Ed. Clusium 2013. ISBN:978-973-555-606-8
3. **Pop Dana**, Zdrenghea D. (sub red.). *Monitorizarea ECG Holter – ghid practic*. Editura Clusium, Cluj-Napoca. 2014. ISBN 978-973-555-612-9
4. Zdrenghea D, **Pop Dana**, Roșu R, Gușetu G. *Compendiu de Electrocardiografie Clinică*. Ediția a 4-a revizuită. Editura Clusium. Cluj-Napoca 2015. ISBN:978-973-555-615-0
5. **Pop D**, Zdrenghea D, Roșu R, Gușetu G, Mureșan L, Cismaru G, Caloian B, Comșa H. *Recuperare cardiovasculară. Manual pentru studenții de la Programul de studiu Balneofiziokinetoterapie și Recuperare Medicală*. Editura Medicală Universitară „Iuliu Hațieganu” Cluj-Napoca 2016. ISBN:978-973-693-721-7
6. Zdrenghea D, **Pop D**, Gaiță D, Gușetu G, Zdrenghea M. *Manualul Inimii*. Ediția a 2-a revizuită. Ed. Clusium. 2016. ISBN:978-973-555-616-7
7. Zdrenghea D, **Pop D**, Gușetu G, Cismaru G, Caloian B, Rosu R. *Urgențe în camera de gardă*. Ed. Clusium Cluj-Napoca. 2017. ISBN:978-973-555-618-1
8. **Pop D**, Zdrenghea D, Roșu R, Caloian B, Cismaru G, Comșa H, Grosz Cs, Gușetu G. *CARDIOVASCULAR DISEASE*. Editura Medicală Universitară „Iuliu Hațieganu” Cluj-Napoca 2018. ISBN:978-973-693-830-6
9. **Dana Pop**, Doina Todea, Dumitru Zdrenghea Radu Roșu, Bogdan Caloian, Gabriel Cismaru, Horațiu Comșa, Csongor Grosz, Gabriel Gușetu, Nicoleta Motoc, Ana Chiș. *Respiratory disease*. Ed. Editura Medicală Universitară „Iuliu Hațieganu” Cluj-Napoca. 2019. ISBN 978-973-693-915-0
10. Zdrenghea D, **Pop D**, Gușetu G, Cismaru G, Caloian B, Roșu R. *Urgențe în camera de gardă*. Ediția a 2-a. Ed. Clusium Cluj-Napoca. 2019. ISBN:978-973-555-620-4
11. C. Ginghină, D. Vinereanu, B. Popescu (sub red.). D. Dobranu, D. Gaiță, A. Petriș, **Dana Pop** (editori asociați). *Manual de cardiologie*. Ed. Medicală. 2020
12. Zdrenghea D, **Pop Dana**, Mitu F. (sub red.). *Cardiologie preventivă și recuperare cardiovasculară*. Clusium Cluj-Napoca 2020. ISBN:978-973-555-621-1
13. Zdrenghea D, **Pop Dana**, Roșu R, Gușetu G. *Compendiu de Electrocardiografie Clinică*. Ediția a 5-a revizuită. Editura Școala Ardeleană. 2022. ISBN:978-606-797-904-6

## EUROPEAN LEVELS - SELF ASSESSMENT GRID

14. **Pop D**, Zdrenghea D, Caloian B, Cismaru G, Comşa H, Frîngu F, Guşetu G, Irimie D, Roşu R, Tomoaia R. Recuperare cardiovasculară. Manual pentru studenții de la Programul de studiu Balneofiziokinetoterapie și Recuperare Medicală. Ediția a 2-a revizuită și adăugită. Editura Medicală Universitară „Iuliu Hațieganu” Cluj-Napoca 2022, ISBN:978-606-075-092-5
1. **Pop Dana**, Zdrenghea D. Cardiologie preventivă. În Apetrei E (sub red.). Cardiologie Clinică. Ed. Medicală Callisto. 2015. ISBN:978-606-8043-18-0
2. Zdrenghea D, **Pop Dana**. Efortul fizic și aparatul cardiovascular. În Apetrei E (sub red.). Cardiologie Clinică. Ed. Medicală Callisto. 2015. ISBN:978-606-8043-18-0
3. Zdrenghea D, Gligor E. Fiziologia cardiovasculară. În Acalovschi I. Anestezie clinică. Ed Clusium Cluj-Napoca, 2015. ISBN:978-973-555-614-3,
4. Buzoianu A, Zdrenghea D, Militaru C. Medicamente antiaritmice. În A. Buzoianu (sub red). Farmacologie clinică. Curs pentru studenții anului V. Editura Medicală Universitară „Iuliu Hațieganu” Cluj-Napoca 2016. ISBN:978-973-693-655-5
5. Buzoianu A, Sabin O, **Pop Dana**, Suciuc Ș, Man S. Medicamente antihipertensive. În A. Buzoianu (sub red). Farmacologie clinică. Curs pentru studenții anului V. Editura Medicală Universitară „Iuliu Hațieganu” Cluj-Napoca 2016, ISBN:978-973-693-655-5
6. **Pop D**, Zdrenghea D, Cismaru G. Riscul de moarte subită cardiacă la sportivi. În GA Dan (sub red). Aritmii cardiace. Ed. ETNA, București 2018:104-105, ISBN:978-606-94161-5-0
7. Cismaru G, Roşu R, Guşetu G, Pop D, Zdrenghea D. Screeningul fibrilației atriale. Ce aduce nou ultimul ghid ESC? În GA Dan (sub red). Aritmii cardiace. Ed. ETNA, București 2018:50-51, ISBN:978-606-94161-5-0
8. Zdrenghea D. Cardiologie preventivă și recuperare. În D. Vinereanu, S. Mihăilă Baldea. 2018. Actualități în cardiologie. Media. Med. Publicis. ISBN:978-606-8463-57-5
9. Pop D. Cardiologie preventivă și recuperare. În Vinereanu D, S. Mihăilă Baldea. Actualități în cardiologie. 2018:96-98
10. Zdrenghea D, Cardiologie preventivă și recuperare. În D. Vinereanu, O. Chioncel, S. Mihăilă Baldea. Actualități în cardiologie. Media. Med. Publicis. 2019. ISBN:978-606-8463-63-6
11. Mitu F, Zdrenghea D, În C. Ginghină, D. Vinereanu, B. Popescu (sub red.). Manual de cardiologie. Ed. Medicală. 2020, ISBN: 9789733908807
12. Zdrenghea D, **Pop D**. Edemul pulmonar acut cardiogen. În Todea D (sub red). Tratat de pneumologie. Editura Medicală Universitară „Iuliu Hațieganu” Cluj-Napoca 2023, ISBN:978-606-075-074-1
13. Zdrenghea D, **Pop D**. Embolia pulmonară acută. În Todea D (sub red). Tratat de pneumologie. Editura Medicală Universitară „Iuliu Hațieganu” Cluj-Napoca 2023, ISBN:978-606-075-074-1
14. Buzoianu A, Zdrenghea D, Militaru C. Antiaritmicele. În Buzoianu A (sub red.). Farmacologie pentru medici. Volumul 1. Ed. Medicală. 2022. ISBN:978-973-39-0925-5
15. Buzoianu A, Sabin O, **Pop Dana**, Man S. Medicamente antihipertensive. În Buzoianu A (sub red.). Farmacologie pentru medici. Volumul 1. Ed. Medicală. 2022. ISBN:978-973-39-0925-5

Capitole în cărți de specialitate națională/curs (cu ISBN)

Cluj-Napoca, 27.10.2025

Prof. Dr. Dana Pop