

## SIRIOPOL DIMITRIE-CRISTIAN

2014 – Doctor in Stiinte Medicale sub coodonarea Prof. Dr A. Covic cu teza: „Evaluarea statusului hidric prin bioimpedanță și ecografie pulmonară la pacienții în program cronic de hemodializă”.

<http://www.umfiasi.ro/ScoalaDoctorala/TezeDoctorat/2014/Pages/FacultateadeMedicina.aspx>

### Lista publicatii relevante:

1. **Siriopol D**, Siriopol M, Stuard S, Voroneanu L, Wabel P, Moissl U, Voiculescu D, Covic A. An analysis of the impact of fluid overload and fluid depletion for all-cause and cardiovascular mortality. *Nephrol Dial Transplant*. 2019 Jan 8. doi: 10.1093/ndt/gfy396. [Epub ahead of print].  
<https://www.ncbi.nlm.nih.gov/pubmed/30624712>
2. Covic A, **Siriopol D**, Voroneanu L. Use of Lung Ultrasound for the Assessment of Volume Status in CKD. *Am J Kidney Dis*. 2018;71(3):412-422. doi: 10.1053/j.ajkd.2017.10.009.  
<https://www.ncbi.nlm.nih.gov/pubmed/29274919>
3. Voroneanu L, **Siriopol D**, Apetrii M, Hogas S, Onofriescu M, Nistor I, Kanbay M, Dumea R, Cusai S, Cianga P, Constantinescu D, Covic A. Prospective Validation of a Screening Biomarker Approach Combining Amino-Terminal Pro-Brain Natriuretic Peptide With Galectin-3 Predicts Death and Cardiovascular Events in Asymptomatic Hemodialysis Patients. *Angiology*. 2018;69(5):449-455. doi: 10.1177/0003319717733371.  
<https://www.ncbi.nlm.nih.gov/pubmed/28974104>
4. Siriopol I, **Siriopol D**, Voroneanu L, Covic A. Predictive abilities of baseline measurements of fluid overload, assessed by bioimpedance spectroscopy and serum N-terminal pro-B-type natriuretic peptide, for mortality in hemodialysis patients. *Arch Med Sci*. 2017;13(5):1121-1129. doi: 10.5114/aoms.2017.68993.  
<https://www.ncbi.nlm.nih.gov/pubmed/28883854>
5. Covic A, Jackson J, Hadfield A, Pike J, **Siriopol D**. Real-World Impact of Cardiovascular Disease and Anemia on Quality of Life and Productivity in Patients with Non-Dialysis-Dependent Chronic Kidney Disease. *Adv Ther*. 2017;34(7):1662-1672. doi: 10.1007/s12325-017-0566-z.  
<https://www.ncbi.nlm.nih.gov/pubmed/28578500>

6. **Siriopol D**, Voroneanu L, Hogas S, Apetrii M, Gramaticu A, Dumea R, Burlacu A, Sascau R, Kanbay M, Covic A. Bioimpedance analysis versus lung ultrasonography for optimal risk prediction in hemodialysis patients. *Int J Cardiovasc Imaging*. 2016;32(2):263-70. doi: 10.1007/s10554-015-0768-x  
<https://www.ncbi.nlm.nih.gov/pubmed/26428675>
7. Onofriescu M, **Siriopol D**, Voroneanu L, Hogas S, Nistor I, Apetrii M, Florea L, Veisa G, Mititiuc I, Kanbay M, Sascau R, Covic A. Overhydration, Cardiac Function and Survival in Hemodialysis Patients. *PLoS One*. 2015;10(8):e0135691. doi: 10.1371/journal.pone.0135691.  
<https://www.ncbi.nlm.nih.gov/pubmed/26274811>
8. Covic A, **Siriopol D**. Pulse Wave Velocity Ratio: The New "Gold Standard" for Measuring Arterial Stiffness. *Hypertension*. 2015;65(2):289-90. doi: 10.1161/HYPERTENSIONAHA.  
<http://www.ncbi.nlm.nih.gov/pubmed/25452468>
9. **Siriopol D**, Canaud B, Stefano S, Mircescu G, Nistor I, Covic A. New insights into the effect of hemodiafiltration on mortality: the Romanian experience. *Nephrol Dial Transplant*. 2015;30(2):294-301. doi: 10.1093/ndt/gfu347.  
<http://www.ncbi.nlm.nih.gov/pubmed/25395391>
10. **Siriopol D**, Hogas S, Voroneanu L, Onofriescu M, Apetrii M, Oleniuc M, Moscalu M, Sascau R, Covic A. Predicting mortality in haemodialysis patients: a comparison between lung ultrasonography, bioimpedance data and echocardiography parameters. *Nephrol Dial Transplant*. 2013;28(11):2851-9. doi: 10.1093/ndt/gft260.  
<http://www.ncbi.nlm.nih.gov/pubmed/23828163>

## Activitate științifică

### Carti

Autor capitol în “**Resistant Hypertension in Chronic Kidney Disease**” – Editura Springer, 2017: “Chapter 11: Secondary Causes: Work-Up and Its Specificities in CKD: Influence of Volume Overload, Excess Sodium Intake and Retention in CKD”, ISBN 978-3-319-56825-6

Autor capitol în “**Manual de nursing in bolile renale**” – Editura Demiurg Publisher, 2015, ISBN 978-973-152-314-9 “**Chapter 3:**”, “**Chapter 4: Managementul pacientilor cu transplant renal**”, “**Chapter 7:**”,

- Co-autor la 3 capitole:
- „Managementul pacientului cu boala cronica de rinichi”
  - „Managementul pacientilor cu transplant renal”
  - „Managementul pacientilor cu substitutie a functiei renale prin tehnici particulare de dializa”

Autor capitol în „**Prevenția bazată pe dovezi**” sub coordonarea Prof Dr Dan Gaiță – editura „Media Med Publicis”, 2014, ISBN 978-606-8463-15-5: „Sarea în bucate – prieten sau dușman?”.

Co-autor capitol în „**Modul integrativ pentru studiul rinichiului**” sub coordonarea Prof Dr Doina Azoicai – editura „Gr. T. Popa”, IAȘI 2013, ISBN 978-606-544-167-5: „Proceduri Alternative de Tratament in Insuficienta Renala Acuta”.

Co-autor la manualul „**Dializa: ghid practic de buzunar**” sub coordonarea Prof Dr Adrian Covic – editura „Gr. T. Popa”, IAȘI 2013, ISBN 978-606-544-159-0

- Prim-autor la 3 capitole :
- „Alegerea modalității de dializă”
  - „Hemofiltrarea și hemodiafiltrarea. HD neconvențională (nocturnă, zilnică, prelungită)
  - „Utilizarea hemodializei și a hemoperfuziei în tratamentul intoxicațiilor acute. Dializa hepatică. Plasmafereza. Imunadsorbția.”

Co-autor la manualul „**Nefrologie – Manual de buzunar pentru medicul de familie**” sub coordonarea Prof Dr Adrian Covic – editura Demiurg, IAȘI 2012, ISBN 978-973-152-252-4

- Prim-autor la un capitol: - „Afectarea renală în alte boli autoimune”

- Co-autor la un capitol : - „Terapii de substituție a funcției renale – Hemodializa”

Co-autor la manualul „**Nefrologie – Principii Teoretice si Practice**” sub coordonarea Prof Dr Adrian Covic – editura Demiurg, IASI 2011, ISBN 978-973-152-236-4

- Prim-autor la un capitol: - „Afectarea renală în boli sistemice.”

- Co-autor la un capitol : - „Terapii de substituție a funcției renale. Hemodializa”

Co-autor la manualul „**Hemodializa – Principii Teoretice și Practice**” sub coordonarea Prof Dr Adrian Covic – editura Demiurg, IAȘI 2010, ISBN 978-973-152-202-9

Prim-autor la un capitol: - „Principiile fiziologice ale hemodializei.”

Co-autor la 3 capitole : - „Prescrierea hemodializei acute.”

- „Hemofiltrarea și hemodiafiltrarea.”

- „HD neconvențională (prelungită, zilnică, la domiciliu)”

#### **Articole ISI:**

- **Siriopol D**, Siriopol M, Mihaila M, Rusu F, Sascau R, Costache I, Vasiliu V, Bucur A, Neamtu A, Popa R, Cianga P, Kanbay M, Covic A. Prognostic value of lung ultrasonography and bioimpedance spectroscopy in patients with heart failure and reduced ejection fraction. Arch Med Sci. 2020. Online ahead of print.
- Covic A, Copur S, Tapoi L, Afsar B, Ureche C, **Siriopol D**, Nistor I, Kanbay M. Efficiency of Hypertonic Saline in the Management of Decompensated Heart Failure: A Systematic Review and Meta-Analysis of Clinical Studies. Am J Cardiovasc Drugs. 2020. doi: 10.1007/s40256-020-00453-7.
- Kanbay M, **Siriopol D**, Copur S, Tapoi L, Benchea L, Kuwabara M, Rossignol P, Ortiz A, Covic A, Afsar B. Effect of Coffee Consumption on Renal Outcome: A Systematic Review and Meta-Analysis of Clinical Studies. J Ren Nutr. 2020 Sep 18:S1051-2276(20)30209-0. doi: 10.1053/j.jrn.2020.08.004.
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- Apetrii M, Enache S, **Siriopol D**, Burlacu A, Kanbay A, Kanbay M, Scripcariu D, Covic A. A brand-new cardiorenal syndrome in the COVID-19 setting. Clin Kidney J. 2020 Jun 4;13(3):291-296.
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- **Siriopol D**, Covic A, Iliescu R, Kanbay M, Tautu O, Radulescu L, Mitu O, Salaru D, Dorobantu M. Arterial stiffness mediates the effect of salt intake on systolic blood pressure. *J Clin Hypertens (Greenwich).* 2018 Nov;20(11):1587-1594.
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- **57<sup>th</sup> ERA-EDTA Congress – Milan, Italia 2020 (virtual)**  
**Dimitrie Siriopol**, Raluca Popa, Vlad Vasiliu, Andreea Neamtu, Silvia Corina Cusai, Mehmet Kanbay, Daniela-Caliopi Voiculescu, Stefano Stuard, Adrian Covic. THE EFFECT OF SERUM C-REACTIVE PROTEIN AND FERRITIN LEVELS ON ALL-CAUSE AND CARDIOVASCULAR MORTALITY IN HAEMODIALYSIS PATIENTS. *Nephrology Dialysis Transplantation* 35 (Supplement 1): i788, 2020
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### **Granturi de cercetare**

- **Grant of Ministry of Research and Innovation, CNCS-UEFISCDI, project number PN-III-P1-1.1-PD-2016-0287, within PNCDI III - Bioimpedance for the evaluation of heart failure – a comparison with clinical assessment, lung ultrasonography, cardiac biomarkers and echocardiography – Project Manager – Dimitrie Siriopol**
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