
Curriculum Vitae

Dr. med. Nikolaos Kalampokas, MUDr., HRM, M.Sc.
Cardiac Surgeon



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📅 **Date of Birth and Place** 11. June 1989 Trikala, Greece | **Nationality** Greek |
Marital Status Married

School Education: Lyceum, Odysseas Elitis, Trikala Greece

Medical School: **Doctor of General Medicine**
2007 - 2013 Human Medicine, Comenius University in Bratislava

Professional Experience:

2014	License to Practice Medicine in Germany
01/2015 - 09/2017	Resident in General - and Visceral Surgery as well as Trauma Surgery in St. Marien Hospital, Mülheim at the Ruhr, Germany Chief of Department: Dr. med. Frank P. Schulze Chief of Department: Dr. med. St. Elenz
10/2017 - 11/2024	Resident and Academic Associate, in Cardiac Surgery, University Hospital of Düsseldorf, Germany Chief of Department: Univ. - Prof. Dr. med. Artur Lichtenberg
Since 2018	Academic Teaching in Medical Faculty of Heinrich - Heine - University of Düsseldorf, Germany
01/2019	Board Certification in Emergency Medicine
Since 01/2019	Certified Emergency Doctor - Ambulance / Pre - Hospital Care
Since 2020	Scientific and Clinical Focus in Heart Failure, Mechanical Circulatory Systems (ECLS, ECMO, IABP, Impella, TandemHeart, VAD, TAH and Heart Transplantation)
Since 2020	Endoscopic Harvesting Vein / Artery Preparations
12/2024	Board Certification in Cardiac Surgery

Since 12/2024	Cardiac Surgeon in University Hospital of Düsseldorf, Germany Chief of Department: Univ. – Prof. Dr. med. Artur Lichtenberg
12/2024	Certified Cardiac Surgeon of Heart - Explantation -Team for Heart Transplantation - German Organ Procurement Organization (DSO)
Since 01/2025	Implanter and Member in Transcatheter Aortic Valve Replacement (TAVR) Program in Structural Heart Diseases (Heart Team) in University Hospital of Düsseldorf, Germany
04/2026	Board Certification in Intensive Care Medicine

Scientific Experience:

2011-2013	Thesis - MUDr. <u>Title: Renal Cell Cancer</u> Medical Faculty of Comenius University in Bratislava ▪ Supervisor: Prof. Dr. med. MUDr. Jan Breza, DrSc.
06/2022	Certification in Federation of European Laboratory Animal Science Associations- FELASA , Heinrich - Heine - University of Düsseldorf, Germany
12/2022	Co - Investigator in PMCF- Registry Study - CARL (Controlled Automated Reperfusion of the Whole body)
Since 01/2023	Mentor in A2 in Mentoring Program of Medical Faculty of Heinrich - Heine - University in Düsseldorf, Germany
07/2023	Certification in Human Resource Management - HRM European Institute, Dublin, Ireland
09/2023-03/2025	Master of Science (M.Sc.) in Heart Failure - Cardio - Oncology - Cardiovascular Rehabilitation. Medical Faculty of University Hospital in Larissa, Greece
09/2024	Doctorate - Dr. med. <u>Title: Central vs. Peripheral Cannulation Approach for Postcardiotomy Veno - Arterial Extracorporeal Membrane Oxygenation, does the Cannulation Technique Influence the Outcome?</u> Medical Faculty of University Hospital of Düsseldorf, Germany ▪ Supervisor: Prof. Dr. med. Diyar Saeed
Since 03/2025	Member of Working Group of the Digital Health Lab in Cardiac Surgery, University Hospital of Düsseldorf, Germany
Since 05/2025	Ph.D. Candidate Medical Faculty of University Hospital in Larissa, Greece
Since 06/2025	Co - Investigator in Aeson Total Artificial Heart System - Carmat, PMCF - Study
Since 11/2025	Co - Investigator in European Clinical Investigation of the Brio VAD Left Ventricular - Assist System for the Treatment of Refractory Left Ventricular Heart Failure (BRIOLIFE Trial) - Study

Memberships:

- German Society for Thoracic and Cardiac Surgery
- European Association for Cardio -Thoracic Surgery (EACTS)
- German Medical Journal
- DSO - German Organ Procurement Organization

Computer Skills:

- Microsoft Office™
- SPSS Software
- 3**mensio** Structural Heart

Languages:

- Greek
- German
- English

List of Publications:

1. Multicenter **study on post cardiectomy veno arterial extracorporeal membrane oxygenation**. F. Biancari, D. Saeed,....., A. Loforte, G. Gatti,...., A. Lichtenberg, N. Kalampokas, G. Mariscalco. PMID: 31358340, DOI:10.1016 / j.jtcvs.2019.
2. Surgical **treatment of post infarction ventricular septal rupture**. D. Ronco, M. Matteucci, ... , N. Bonaros, U. Boeken, N. Kalampokas, R. Lorusso. Jama Newt Open. 2021Oct.doi, 10.1001PMID:34668946.
3. **Post cardiectomy veno - arterial extracorporeal membrane oxygenation: Does the cannulation technique influence the outcome ?** N. Kalampokas, N. F. Sipahi, H. Aubin, P. Akhyari, G. Petrov, A. Albert, R. Westenfeld, A. Lichtenberg, D. Saeed. Fron Cardiovasc. Med. 2021 Aug 9;8:658412. doi:10.3389 / fcvm.2021.658412.e Collection 2021.
4. **Less invasive surgical implant strategy and right heart failure after LVAD implantation**. D. Saeed, R. Muslem, M. Rasheed, K. Caliskan, N. Kalampokas, S. Huhn, ..., A. Lichtenberg, R.J. Tedford. J Heart Lung Transplant. 2021 2021 Apr; 40(4):289297. doi:10.1016/j.healun.2021.01.005. Epub 2021J an 12.
5. **Less -invasive ventricular assist device implantation: A multicenter study**. K. Jawad, N. F. Sipahi, A. Koziarz, S. Huhn, N. Kalampokas, A. Albert, MA. Borger, A. Lichtenberg, D. Saeed. Thorac Cardio vasc Surg.2020 Dec23:S0022-5223(20)33396-1. doi:10.1016/j.jtcvs.2020.12.043.
6. **Altered mRNA expressions of interleukin - 1 receptors in myocardial tissue of patients with left ventricular assist device support**. N. Niazy, L. Mrozek, M. Barth, MB. Immohr, N. Kalampokas, D. Saeed, H. Aubin, Y. Sugimura, R. Westenfeld, U. Boeken, A. Lichtenberg, P. Akhyari. JClin Med. 2021 Oct 22; 10(21) : 4856.doi:10.3390/jcm10214856.
7. **Degenerative changes of the aortic valve during left ventricular assist device support**. M. Barth, L. Mrozek, N. Niazy, JI. Selig, U. Boeken, Y. Sugimura, N. Kalampokas, P. Horn, R. Westenfeld, P. Kröpil, H. Aubin, A. Lichtenberg, P. Akhyari. ESC Heart Fail. 2022 Feb;9(1):270-282.doi:10.1002/ehf2.13767. Epub 2021 Dec 21.
8. **Periprocedural Outcome after left ventricular assist device implantation in septuagenarians**. N. Kalampokas, S. Erbel-Khurtsidze, N. F. Sipahi, P. Rellecke, I. Tudorache, U. Boeken, A. Lichtenberg, P. Akhyari, H. Aubin. Thorac Cardiovasc Surg 2021 Feb; 69(S 01): S1-S85,DOI:10.1055/s-0041-1725603.
9. **Surgical microaxial pump Catheters as bridge to permanent mechanical circulatory support in patients with left ventricular failure: Who Makes It?** Y. Sugimura, N. Kalampokas, A. Mehdiani, P. Rellecke, I. Tudorache, U. Boeken, A. Lichtenberg, P. Akhyari, H. Aubin. Thorac Cardiovasc Surg 2021 Feb;69(S01): S1-S85, DOI: 10.1055 / s-0041-1725605.
10. **Reduced rethoracotomy rate for bleeding and postoperative hospital stay with less invasive ventricular assist device implantation, multicenter experience**. D. Saeed, K. Jawad, N. F. Sipahi, S. Huhn, N. Kalampokas, A. Albert, M. Borger, A. Lichtenberg. The Journal of Heart and Lung Transplantation, S149S150, April 01, 2020.DOI: <https://doi.org/10.1016/j.healun.2020.01.1082>.
11. **Less invasive surgical implant strategy is associated with significant reduction in INTERMACS defined right heart failure following LVAD Implantation**. D. Saeed, R. Muslem, M. Rasheed, K. Caliskan, N. Kalampokas, NF. Sipahi, A. Lichtenberg, ..., M. Borger, R.J. Tedford. The Journal of Heart and Lung Transplantation, S121, April 01, 2020. DOI: <https://doi.org/10.1016/j.healun.2020.01.1005>.

12. **Less invasive ventricular assist device implantation lowers rethoracotomy rate for bleeding and reduces postoperative hospital stay: Multicenter Experience.** D. Saeed, K. Jawad, S.Huhn, U. Schulz, S. Eifert, N.F. Sipahi, N. Kalampokas, J. Garbade, A. Lichtenberg, M. Borger. *Thorac CardiovascSurg* 2020;68(S01): S1-S72, DOI:10.1055/s- 0040-1705352.
13. **Preoperative levosimendan therapy reduces postoperative right ventricular failure in patients undergoing left ventricular assist device implantation.** Y. Sugimura, N. Kalampokas, M. Arian, S. Erbel- Khurtsdizes, P. Rellecke, H. Dalyanoglu, I. Tudorache, R. Westenfeld, U. Boeken, A. Lichtenberg, P. Akhyari, H. Aubin. *Cardio Vascular and Thoracic Surgery*, Volume36, Issue36, Issue1, January 2023, ivac289, <https://doi.org/10.1093/icvts/ivac289>.
14. **The importance of timing in post-cardiotomy veno-arterial extracorporeal membrane oxygenation: a Descriptive Multicenter Observational Study.** S. Mariani, D. Saeed, A. Loforte, U. Boeken, ..., L. Salazar, M. Pettinari, G. Whitman, N. Kalampokas, R. Lorusso, PELS-1 Study. *The Journal of Thoracic and Cardiovascular Surgery*.PII:S0022-5223(23)00366-5,DOI:10.1016/j.jtcvs.2023.04.042/April 2023.
15. **The relation between obesity and mortality in postcardiotomy veno arterial membrane oxygenation.** S. Heuts, S. Mariani, BCT van Bussel, U. Boeken, ..., A. Loforte, G. Whitman, N. Kalampokas, R. Lorusso, PELS-1 Study. *Ann Thorac Surg.* 2023 Apr2; S0003-4975(23)00353-3. doi: 10.1016/j.athoracsur. 2023.03.025.
16. **On support and postweaning mortality in postcardiotomy extracorporeal membrane oxygenation.** S. Mariani, A. K. Schaefer, B. C. T. van Bussel, D. Saeed, ..., A. Loforte, U. Boeken, L. Salazar, G. Whitman, J. Khalil, N. Kalampokas, R. Lorusso. *Ann Thorac Surg.* 2023 Jul 5 S0003- 4975(23)00681-1.doi:10.1016/j.athoracsur. 2023.05.045.
17. **Patient and management variables associated with survival after postcardiotomy extracorporeal membrane oxygenation in adults.** S. Mariani, S. Heuts, B. C. T. van Bussel, A. Loforte, ..., U. Boeken, L. Salazar, G. J. R. Whitman, N. Kalampokas, R. Lorusso, PELS-1 Study. *J am Heart Assoc.* 2023 Jul 18. 12(14):e029609. Doi:10.116/ JAHA.123.029609. Epub 2023 Jul.
18. **Heterogeneity in clinical practices for postcardiotomy extracorporeal life Support.** S. Mariani, K. Jawad, A. Loforte, ...,N. Kalampokas, L. Salazar, G. M. Raffa, R. Lorusso. Multicenter Study, PELS-1 Study. *Artif. Organs.* 2023 Jun 23. Doi:10.1111/aor.14601.
19. **Impact of COVID-19 on incidence and outcomes of post infarction mechanical complications in Europe.** D. Ronco, M. Matteucci, N. Bonaros, ..., U. Boeken, N. Kalampokas, M. Pozzi, M. Thielmann, R. Lorusso. *Interdiscip Cardiovasc Thorac Surg.* 2023 Dec 5;37(6):I vad198. doi:10.1093/icvts/ivad198.
20. **Evaluation of risk factors for cytomegalovirus DNAemia after end of regular prophylaxis after heart transplantation.** MB. Immohr, D. Oehler, FS. Jenkins, N. Kalampokas, VH. Hettlich, D. Sigetti, F. Voß, H. Dalyanoglu, H. Aubin, P. Akhyari, A. Lichtenberg, U. Boeken. *Immun Inflamm Dis.* 2023 Nov; 11(11): e1075. doi:10.1002/iid3.1075.
21. **Characteristics and outcomes of prolonged venoarterial extracorporeal membrane oxygenation after cardiac surgery: The post-cardiotomy extracorporeal life support (PELS-1).** J. J. H. Bunge, S. Mariani, D. Saeed, ...,M. Puzzi, A. Loforte, U. Boeken, L. Salazar, C. Russo, N. Kalampokas, R. Lorusso. *Crit Care Med.* 2024 Oct1,52(10): e490- e502. Doi: 10.1097/CCM.0000000000006349. Epub2024Jun7.
22. **Neurologic complications in patients receiving aortic versus subclavian femoral arterial cannulation for post-cardiotomy extracorporeal life support: results of the PELS observational multicenter study.** G. Chiarini, S. Mariani, B. C. T. Bussel, D. Saeed, M. Pozzi, ...,U. Boeken, S. Matteucci, G. M. Raffa. N. Kalampokas, R. Lorusso. *Crit Care* .2024 Aug 7,28(1):265. Doi:10.1186/s13054-024-05047-2.

23. **Post-cardiotomy extracorporeal life support: A cohort of cannulation in the general ward.** G. Bari, S. Mariani, M. Pozzi, U. Boeken,... L. Salazar. K. Shekar, R. Lorusso, PELS investigators - N. Kalampokas. *Artif Organs*. 2024 Nov;48(11):1355-1365. doi: 10.1111/aor.14818
24. **Features and outcomes of female and male patients requiring postcardiotomy extracorporeal life support.** S. Mariani, D. Wiedemann, D. Saeed, M. Pozzi, A. Loforte, ..., U. Boeken, S. Matteucci, V. Sorokin, N. Kalampokas, R. Lorusso. *J Thorac Cardiovasc Surg*. 2024 Dec, 168(6):1701-1711.e30. doi:10.1016/j.jtcvs.2024.04.033. Epub 2024 May 17.
25. **Post-Cardiotomy Extracorporeal Membrane Oxygenation after elective, urgent and emergency cardiac operations: insights from the PELS observational study.** S. Mariani, A. Perazzo, A. Loforte, U. Boeken, L. Salazar, ..., K. Shekar, R. Lorusso, PELS investigators - N. Kalampokas. February 2025, *JTCVS*, DOI : 10.1016/j.jxon.2025.01.018.
26. **Post - Cardiotomy Extracorporeal Membrane Oxygenation in Patients Older than 70 Years: Characteristics, Outcomes, and variable associated with Mortality.** M. Makhoul, S. Mariani, U. Boeken,..... L. Salazar, G. M. Raffa, D. Saeed, R. Lorusso, PELS investigators - N. Kalampokas. *JTCVS*. May 2025.DOI: 10.1016/j.jxon. 2025.04.004.
27. **PLACE: Multicenter Study for right Ventricular Failure of Mechanical Cardio circulatory Supports.** V. L. Coco, A. Loforte, U. Boeken, R. Larusso, PLACE investigators - N. Kalampokas. *ASAIO J*. 2025 Feb 4. doi: 10.1097/MAT.0000000000002328.
28. **Exploring the Safety of Sodium-Glucose Co-Transporter 2 Inhibitors in LVAD Patients: Clinical Outcomes in a Multicenter Experience.** S. Hamed, N. Kalampokas, J. Beckendorf, A. L. Meyer, C. Ballazs, Y. Mueller, U. Boeken, P. Ehlermann, B. Ünal, A. Lichtenberg, M. Karck, N. Frey, H. Aubin, P. Schlegel. PMID: 41307967, DOI: 10.1097/MAT.0000000000002608, Nov 18, *ASAIO J*. 2025.
29. **Post - Cardiotomy Extracorporeal Life Support following Aortic Surgery.** G.Bari, S. Mariani, M. Pozzi, U. Boeken, L. Salazar, A. Loforte, D. Saeed, V. Sorokin, A. Fiorw, R. Lorusso.....N. Kalampokas - on behalf of PELS Investigators Team. *ASAIO J*. 2025 Dec. 17. doi: 10.1097/MAT0000000000002619.
30. **Extracorporeal Life Support for Post - Cardiotomy Acute Right Ventricular Failure: A Retrospective Observational Multicenter Study.** G. Bianchi, A. Perazzo, S. Mariani, D. Saeed, L. Potta, U. Boeken, L. Salazar, S. Matteucci, A. Fiore, V. Pellegrino, R. Lurusso,..... N. Kalampokas - on behalf of PELS Investigators Team. *Ann. Thorac Sur*. 2026 Marc. 14:S0003-4975(26)00210-9. Doi: 10.1016/j.athoracsur.2026.02..033
31. **Outcomes in Patients Requiring Venous - Venous Extracorporeal Membrane Oxygenation After Cardiac Surgery: An Analysis From the PELS - 1 Study.** P. Nardelli, S. Mariani, D. Saeed, M. Pozzi, L. Botta, U. Boeken, L. Salazar, M. L. Matteucci, A. Fiore, J. Belohlavek, K. Shekar, R. Lorusso,.....N. Kalampokas - on behalf of PELS Investigators Team. *Artif. Organs*. 2026 Jan 11 doi: 10.1111/aor. 70093.
32. **Heart Transplantation on Temporary MCS: A Single - Center Study (2010 - 2025).** R. Phinicarides, V. H. Hettlich, F. Jenkins, C. Böttger, F. Voß, T. Zeus, M. Kelm, T. Zandberg, N. Kalampokas, B. Ramadani, H. Aubin, A. Lichtenberg, U. Boeken. *Clin Res Cardiol* (2026) . DOI 10.1007/s00392-026-02870-1.
33. **Evaluation of dual - lumen pulmonary artery cannulation in extracorporeal right ventricular support.** V. L. Coco, S. Mariani, A. Loforte, T. Verbelen, M. Pozzi, U. Boeken, P. Masiello, A. Ballotta, R. Lorusso....N. Kalampokas - on behalf of PLACE Investigators. *JTCVS Open*. 2026 Mar 4:30:101699. doi: 10.1016/j.jxon.2026.101699. eCollection 2026 Apr.
34. **Post-Cardiotomy Extracorporeal Life Support after Isolated or Valve-Concomitant Coronary Artery Bypass Grafting: An Observational Multicentre Study.** S. Mariani, S. Matteucci, D. Saeed, M. Pozzi, L. Botta, L. Salazar S. Sponga, A. Fiore, N. Kalampokas.....R. Lorusso. *JTCVS Open*. 2026 Jun. S2666-2736(26)00298-6, DOI: <https://doi.org/10.1016/j.jxon.2026.101875>.

Review Articles:

1. **Analysis of influencing factors for prognosis of patients with ventricular septal perforation: A single - center retrospective study.** N. Kalampokas, D. Ronco, J. M. Kalisnik. Front. Cardiovasc. Med., 03 November 2022, Sec. Coronary Artery Disease, <https://doi.org/10.3389/fcvm.2022.995275>.
2. **Incidence, management, and prognosis of post-ischaemic ventricular septal defect: insights from a 12 year tertiary centre experience.** N. Kalampokas, D. Ronco, J. M. Kalisnik. Front. Cardiovasc. Med., 06 December 2022 Sec. Heart Surgery <https://doi.org/10.3389/fcvm.2022.1066308>.