

# GEORGE SHIAKOS, MUDr

Cardiac Surgeon & Intensivist  
Head of Cardiosurgical ICU

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www.cardiacinnovationcenter.com

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## MEMBERSHIPS

- German Society for Thoracic and Cardiovascular Surgery (DGTHG)
- European Association for Cardio-Thoracic Surgery (EACTS)

## AFFILIATIONS

- Clinical Assistant Professor, European University, Cyprus, Medical School

## MILITARY SERVICE

**Cyprus National Guard**  
July 2002 – August 2004

## LANGUAGE

Greek  
English  
German

## PROFESSIONAL SUMMARY

Cardiac surgeon with extensive experience across the full spectrum of cardiac procedures and sub-specialization in intensive care medicine. Skilled in preoperative evaluation, advanced postoperative management, and intensive care of critically ill patients. Proficient in transthoracic and transesophageal echocardiography to support accurate perioperative assessment and improved outcomes.

## WORK EXPERIENCE

### **Cardiac Surgeon & Intensivist | Cardiac Innovation Center, Apollonion Private Hospital**

*July 2021 – Present*

- Head of the Cardiosurgical Intensive Care Unit and Postoperative Care
- Co-founder of the Cardiac Innovation Center

### **Attending Cardiac Surgeon | Sana Herzchirurgie Stuttgart**

*May 2020 – May 2021*

### **Resident in Cardiac Surgery | Sana Herzchirurgie Stuttgart**

*March 2012 – May 2020*

## EDUCATION

### **Certification/Subspecialization in intensive care medicine**

*June 2021*

### **Specialization in Cardiac Surgery**

*May 2020*

### **License to Practice Medicine in Germany**

*October 2011*

### **German Language Certificate (B2) | Stuttgart**

*January – July 2011*

### **Doctor of Medicine (MUDr.) | First Faculty of Medicine, Charles University Prague**

*2004-2010*

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## RESEARCH AND PUBLICATIONS

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- Maram Gad, Lanya Faiq, Emma Arifagic, Alex Kamougeros, Stelios Ioannou, George Shiakos, Ioannis Tzanavaros. “Was an aortic valve replacement with a mechanical valve the right option all along? Cogan’s syndrome with recurrent aortic regurgitation: a case of evolving surgical decisions.” **Oxford Medical Case Reports**, 2025; 8: 725–728.
- Stelios Ioannou, George Shiakos, Volker Ocker, Andreas Rousounides, Ioannis Tzanavaros. “Minimally invasive pulmonary valve replacement through a left anterior minithoracotomy in young patients with pectus excavatum. The procedure of choice.” **Journal of Surgical Case Reports**, 2024; 8: rjae500.
- Alex Kamougeros, George Shiakos, Stelios Ioannou, Ioannis Tzanavaros, Zeyad Al-Jazrawi, Beatrice Ioannou. “A heart so black: a case of alkaptonuric ochronosis of the aortic and mitral valves in a female patient with severe aortic valve stenosis and coronary artery disease.” **Journal of Surgical Case Reports**, 2024; 10: rjae644.
- Ioannis Tzanavaros, Margarita Bartsota, Alex Kamougeros, Anna Sophocleous, George Shiakos, Stelios Ioannou, Monica Shiakou. “Συγγενείς Καρδιοπάθειες: Από την διάγνωση στη θεραπεία” **Nicosia: Lithostar Creative Printing**, 2024. ISBN: 978-9925-621-73-6.
- Liranne Bitton, Rohan Suresh Daniel, Mariana Flaifel, Christian A. Than, George Shiakos, Ioannis Tzanavaros. “Beating Heart Pulmonary Valve Replacement: Technique of Pulmonary Valve Replacement with a Biological Valve.” **Operative Techniques in Thoracic and Cardiovascular Surgery**, 2024.
- Stelios Ioannou, George Shiakos, Theodoros Ntoskas, Elias Papasavvas, Violetta Anastasiadi, Nikoleta Betsimea Loizides, Petros Mavrommatis, Ioannis Tzanavaros. “Twin hearts—minimally invasive mitral valve repair in twin sisters with mitral annular disjunction and Loeys-Dietz syndrome: a case series.” **Journal of Surgical Case Reports**, 2023; 6: rjad344.
- Mariana Flaifel, Rohan Suresh Daniel, Hayato Nakanishi, Christian A. Than, George Shiakos, Ioannis Tzanavaros. “A Novel Approach for the Treatment of Pulmonary Artery Aneurysm Repair Using Inclusion Technique: A Case Report.” **Cureus**, 2023; 15(3): e36456.
- Rohan Suresh Daniel, Georgia K. Schmidt, Hayato Nakanishi, Karen Smayra, Mariah N. Mascara, Dilip K. Vankayalapati, Reem H. Matar, Christian A. Than, George Shiakos, Ioannis Tzanavaros. “Transcatheter Closure vs. Surgical Ligation in Preterm Infants with Patent Ductus Arteriosus: A Systematic Review and Meta-Analysis.” **Congenital Heart Disease**, 2023; 18(2): 245–265.