

# Dr. Georgios Karavolias, MD, PhD, FESC, FACC

Interventional Cardiologist  
Head of Interventional Cardiology,  
Complex PCI & Transcatheter Heart Valves



## CONTACT



Metropolitan Hospital  
9 Ethnarchou Makariou, Pireas 18547.  
GREECE



(+30) 2104809140  
(+30) 6974908408



[gkaravolias@gmail.com](mailto:gkaravolias@gmail.com)



[www.karavolias.gr](http://www.karavolias.gr)



[www.linkedin.com/in/karavolias](https://www.linkedin.com/in/karavolias)



<https://orcid.org/0000-0002-9614-1849>

## Career Summary

- Highly accomplished Interventional Cardiologist with extensive experience in complex percutaneous coronary interventions, structural heart disease, and transcatheter valve therapies.
- Proven leadership as Head of Interventional Cardiology at Metropolitan Hospital, Athens, Greece.

- Internationally recognized through numerous peer-reviewed publications, conference presentations, and active membership in leading cardiovascular societies.
- Pioneer in the adoption and implementation of new interventional cardiology techniques.
- Dedicated mentoring and training of dozens of physicians in general cardiology, intensive coronary care, and the subspecialty of interventional cardiology.
- Specialized teaching focus on complex PCI and the management of structural heart diseases, ensuring trainees gain both technical expertise and advanced clinical judgment.

## Education & Training

|                                                                   |                                                                                                                                                                                                |
|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>High School:</b>                                               | Venetoklion of Rhodes<br>Date of Graduation: 23/6/1978<br>Degree: Excellent                                                                                                                    |
| <b>Medical College:</b>                                           | National and Kapodistrian University of Athens,<br>School of Medicine<br>Date of Graduation: 19/2/1985<br>Degree: Excellent<br>Scholarship from the "Greek National Scholarship<br>Foundation" |
| <b>Doctor of<br/>Philosophy (PhD)</b>                             | National and Kapodistrian University of Athens,<br>School of Medicine<br>1993-1997 (23/6/1997)<br>Degree: Excellent                                                                            |
| <b>Internship &amp;<br/>Residency<br/>(Internal<br/>Medicine)</b> | Rhodes General Hospital - Greece<br>Department of Internal Medicine<br>10/1987 – 1/1989                                                                                                        |
| <b>Fellowship<br/>(Cardiology)</b>                                | Athens General Hospital - Greece<br>Department of Cardiology<br>1/1989 - 8/1992:                                                                                                               |

## Licenses

|                                                                                    |                                                                                                                                                                  |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Title of medical profession</b>                                                 | 20/5/1985 (No:5367)<br>Hellenic Republic, Ministry of Health                                                                                                     |
| <b>Title of medical speciality in<br/>Cardiology</b>                               | 3/4/1992 (No: 4669)<br>Hellenic Republic, Ministry of Health                                                                                                     |
| <b>GMC full registration</b>                                                       | 2/5/2014 (GMC reference number: 5166853)<br>General Medical Council: full registration, with specialist<br>registration in cardiology with a licence to practise |
| <b>Interventional Cardiology<br/>Certification</b>                                 | (No: 31392)<br>Hellenic Republic, Ministry of Health                                                                                                             |
| <b>Interventional Cardiology<br/>Certification<br/>in structural heart disease</b> | (No: 9550)<br>Hellenic Republic, Ministry of Health                                                                                                              |

## Experience – Employment in Medicine

|         |            |                                                                                                                                                                                                                                                                               |
|---------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5/1985  | - 10/1987: | <b>Social Insurance Institute (IKA)</b><br><b>Rhodes - Greece</b><br>General Practitioner                                                                                                                                                                                     |
| 10/1987 | - 10/1988: | <b>Rhodes General Hospital - Greece</b><br><b>Department of Internal Medicine</b><br>Specialty Registrar (StR) in Internal Medicine                                                                                                                                           |
| 10/1988 | - 1/1989:  | <b>Rhodes General Hospital - Greece</b><br><b>Department of Anaesthesiology</b><br>Registrar                                                                                                                                                                                  |
| 1/1989  | - 1/1992:  | <b>Athens General Hospital - Greece</b><br><b>Department of Cardiology</b><br>Specialty Registrar (StR) in Cardiology                                                                                                                                                         |
| 2/1992  | - 8/1992:  | <b>Athens General Hospital - Greece</b><br><b>Department of Cardiology</b><br><b>Coronary Care Unit</b><br>Registrar                                                                                                                                                          |
| 9/1992  | - 6/1993:  | <b>Harefield Hospital Middlesex – UK</b><br><b>Transplant Unit</b><br>Registrar in Transplant Cardiology<br>(Consultant: Prof. sir M. Yacoub)                                                                                                                                 |
| 7/1993  | - 6/2000:  | <b>Onassis Cardiac Surgery Center</b><br><b>Athens – Greece</b><br><b>Department of Cardiology</b><br>Senior Registrar in Cardiology<br>(Consultant: Prof. D. Kremastinos)                                                                                                    |
| 7/2000  | - 9/2016   | <b>Department of Cardiology</b><br><b>Onassis Cardiac Surgery Center</b><br><b>Athens - Greece</b><br>(Consultant in Cardiology) <ul style="list-style-type: none"><li>♦ Interventional Cardiologist</li><li>♦ Coronary Care Unit</li><li>♦ Transplant Cardiologist</li></ul> |
| 10/2016 | - present  | <b>Department of Cardiology</b><br><b>Metropolitan Hospital</b><br><b>Athens – Greece</b> <ul style="list-style-type: none"><li>♦ Head of the Department</li><li>♦ Director, Complex PCI<br/>&amp; Transcatheter Heart Valves</li></ul>                                       |

## **Professional Associations/Affiliations**

- 2013 Acute Cardiovascular Care Association
- 2009 Fellow of American Cardiology of Cardiology (FACC)
- 2009 European Association of Percutaneous Cardiovascular Interventions (EAPCI)
- 2007 Fellow of European Society of Cardiology (FESC)
- 2001 Hellenic College of Cardiology
- 1995 International Society for Heart and Lung Transplantation
- 1992 Hellenic Cardiological Society
- 1985 Athens Medical Association

## **Languages**

- Greek (native)
- English (fluent oral and written – UK fellowship)
- French (basic knowledge)

## Honors & Awards

- 03/1997      Awarded Ph.D. Thesis with First Class Honors**  
Issued by National and Kapodestrian University of Athens, School of Medicine
- 01/1997      Advanced Training in Organ Transplantation Scholarship**  
Issued by Hesperis & European College of Transplantation  
Associated with Onassis Cardiac Surgery Center
- 01/1996      Advanced Training in Organ Transplantation Scholarship**  
Issued by Hesperis & European College of Transplantation  
Associated with Onassis Cardiac Surgery Center
- 2/1985      Awarded a Medical Degree with First Class Honors**  
Issued by National and Kapodestrian University of Athens, School of Medicine
- 1/1983      Scholarship**  
Issued by Greek State Scholarships Foundation (IKY)  
Associated with National and Kapodestrian University of Athens, School of Medicine
- 1/1981      Scholarship**  
Issued by Greek State Scholarships Foundation (IKY)  
Associated with National and Kapodestrian University of Athens, School of Medicine
- 1/1980      Scholarship**  
Issued by Greek State Scholarships Foundation (IKY)  
  
Associated with National and Kapodestrian University of Athens, School of Medicine
- 1/1979      Scholarship**  
Issued by Greek State Scholarships Foundation (IKY)  
Associated with National and Kapodestrian University of Athens, School of Medicine
- 1/1978      Scholarship**  
Issued by Greek State Scholarships Foundation (IKY)  
  
Associated with National and Kapodestrian University of Athens, School of Medicine

## Scientific work

### I - PhD Thesis

#### **“c-AMP and c-GMP plasma levels in Acute Myocardial Infarction and Percutaneous Transluminal Coronary angioplasty”**

National and Kapodestrian University of Athens  
Medical school, 14 October 1997.  
Degree: Excellent

### II- Publications

**1. c-AMP and ANP levels in VVI and DDD pacing with different A-V delays during daily activity and exercise.**

G. Theodorakis, D. Kremastinos, M. Markianos, E. Livanis, C. Archontakis, G. Karavolias, P. Toutouzas.

*PACE, Vol. 13, December 1990, Part II, p. 1773-1778.*  
DOI: 10.1111/j.1540-8159.1990.tb06888.x

**2. The significance of coronary collateral circulation in the development of acute ischemic events.**

Michelakakis N, Kremastinos D, Zervopoulos G, Theodorakis G, Karavolias G, Mertzanos G, Toutouzas P.

*Hellenic Cardiological Review 31:188-194, 1990.*

**3. Successful conversion of chronic atrial fibrillation to sinus rhythm with endocardiac defibrillation shock : Immediate and late results.**

Theodorakis G, Kremastinos D, Paravolidakis K, Michelakakis N, Antoniadis A, Karavolias G, Iliodromitis E, Matsakas E, Toutouzas P.

*Hellenic Journal of Cardiology 32:124-133, 1991.*

**4. Cardiac output in AAI and DDD pacing with different AV delays and pacing rates in patients with Sick Sinus Syndrome.**

Theodorakis G, A. Fitzpatrick, Karavolias G, Richard Sutton, Kremastinos D.

*Hellenic Journal of Cardiology 32:342-346, 1991.*

5. **Ablation of a concealed left-sided free wall accessory pathway by percutaneous catheter application of radiofrequency current in a patient with recurrent supraventricular tachycardia.**  
Theodorakis G, Kremastinos D, Livanis E, Iliodromitis E, Karavolias G, Toutouzas P.  
*Hellenic Journal of Cardiology* 32:464-471, 1991.
6. **Total sympathetic activity and ANF levels in VVI and DDD pacing with different AV delays during daily activity and exercise.**  
Theodorakis G, Kremastinos D, Markianos M, Livanis E, Karavolias G, Toutouzas P.  
*European Heart Journal* 1992;13:1477-1481
7. **Heart rate variability in patients with Vasovagal Syndrome.**  
G. N. Theodorakis, D. T. Kremastinos, G. T. Avrambos, G. S. Stefanakis, G. K. Karavolias, P. K. Toutouzas.  
*PACE* 1992;15 Part II:2221-2225
8. **Catheter ablation of accessory atrioventricular pathways in Wolf - Parkinson - White syndrome by radiofrequency current.**  
Theodorakis G, Kremastinos D, Livanis E, Iliodromitis E, Matsakas E, Karavolias G, Lourmbas V, Toutouzas P.  
*Hellenic Journal of Cardiology* 33:282-295, 1992.
9. **The effectiveness of beta-blockade and its influence on heart rate variability in vasovagal patients.**  
Theodorakis G, Kremastinos D, Stefanakis G, Iliodromitis E, Avrambos G, Livanis E, Karavolias G, Toutouzas P.  
*Eur Heart J* 1993 Nov;14(11):1499-507
10. **Intravenous atenolol in elderly patients in the early phase of acute myocardial infarction.**  
Kyriakides Z, Kremastinos DT, Karavolias G, Papadopoulos C, Apostolou T, Paraskevaidis J, Toutouzas P.  
*Cardiovascular Drugs and Therapy* 1992;6:475-479
11. **Significance of diastolic blood pressure during exercise in patients with coronary artery disease.**  
Paraskevaidis J, Kremastinos D, Kassimatis A, Karavolias G, Kordosis G, Kyriakides Z, Toutouzas P.  
*Hellenic Journal of Cardiology* 33:431-437, 1992.

- 12. Increased response of diastolic blood pressure to exercise in patients with coronary artery disease: an index of latent ventricular dysfunction?**  
Paraskevaïdis J, Kremastinos D, Kassimatis A, Karavolias G, Kordosis G, Kyriakides Z, Toutouzas P.  
*Br Heart J* 1993 Jun;69(6):507-11
- 13. Subacute total occlusion proximal to the angioplasty site. A late complication of Angioplasty?**  
Apostolou TS, Michelakakis NA, Karavolias GK, Kyriakides ZS, Kremastinos DT.  
*Hellenic Journal of Cardiology* 34:649-652, 1993.
- 14. Intracoronary and systemic release of the atrial natriuretic factor and cyclic-guanosine monophosphate during coronary angioplasty.**  
E. K. Iliodromitis, G. K. Karavolias, M. Markianos, Z. S. Kyriakides, D. V. Vlachakos, D. T. Kremastinos.  
*Letters in Peptide Science*, 1996;3:221-6.
- 15. Intracoronary cyclic-GMP and cyclic-AMP during percutaneous transluminal coronary angioplasty.**  
Kremastinos DT, Iliodromitis EK, Markianos M, Apostolou TS, Kyriakides ZS, Karavolias GK.  
*Int J Cardiol* 1996 Mar;53(3):227-32
- 16. Enhanced protection of heat shock in myocardial infarction: inhibition of detrimental effect of systemic hyperthermia.**  
Iliodromitis EK, Karavolias GK, Bofilis E, Yellon DM, Kremastinos DT.  
*Cardiovasc Drugs Ther* 1999 May; 13(3): 223-31
- 17. Preconditioning limits myocardial infarct size in hypercholesterolemic rabbits.**  
Dimitrios Th. Kremastinos, Elias Bofilis, George K. Karavolias, Apostolos Papalois, Loukas Kaklamanis, Efstathios K. Iliodromitis.  
*Atherosclerosis* 2000 May 150; 1:81-89
- 18. Serial evaluation of coronary flow reserve by transesophageal Doppler echocardiography after angioplasty of proximal left anterior descending coronary artery: a 6-month follow-up study.**  
Ioannis A. Paraskevaïdis, Dimitrios Tsiapras, George K. Karavolias, Zenon S. Kyriakides, Dimitrios Th. Kremastinos.  
*Coronary Artery Disease* 2001, 12:45-52

**19. Physical training reduces peripheral markers of inflammation in patients with chronic heart failure.**

Adamopoulos S, Parissis J, Kroupis C, Georgiadis M, Karatzas D, Karavolias G, Koniavitou K, Coats AJ, Kremastinos DT

*Eur Heart J* 2001 May 22:9 791-7

DOI: 10.1053/ehj.2000.2285

**20. Heart failure in beta thalassemia: a 5-year follow-up study.**

Kremastinos DT, Tsetsos GA, Tsiapras DP, Karavolias GK, Ladis VA, Kattamis CA

*Am J Med* 2001 Oct 1 111:5 349-54

**21. Angiotensin II fails to induce preconditioning in vivo--the protective role of myocardial stretch due to pressure overload.**

Iliodromitis EK, Vlahakos DV, Bofilis E, Karavolias GK, Tasouli A, Kremastinos DT.

*Can J Cardiol.* 2002 Jan;18(1):34-42.

**22. Prolonged continuous outpatient parenteral inotropic support in heart transplant candidates with reversible pulmonary hypertension.**

Karavolias GK, Adamopoulos SN, Manginas AN, Zamanika CG, Chilidou DA, Apostolopoulou SC, Rammos SA, Cokkinos DV, Kremastinos DT, Alivizatos PA

*J Heart Lung Transplant* 2002 Jan 21:1 69-70

**23. Physical training modulates proinflammatory cytokines and the soluble Fas/soluble Fas ligand system in patients with chronic heart failure.**

Adamopoulos S, Parissis J, Karatzas D, Kroupis C, Georgiadis M, Karavolias G, Paraskevaides J, Koniavitou K, Coats AJ, Kremastinos DT.

*J Am Coll Cardiol.* 2002 Feb 20;39(4):653-63.

**24. Growth hormone administration reduces circulating proinflammatory cytokines and soluble Fas/soluble Fas ligand system in patients with chronic heart failure secondary to idiopathic dilated cardiomyopathy.**

Adamopoulos S, Parissis JT, Georgiadis M, Karatzas D, Paraskevaides J, Kroupis C, Karavolias G, Koniavitou K, Kremastinos DT

*Am Heart J* 2002 Aug 144:2 359-64

- 25. Dissociation of Stress-activated Protein Kinase (p38-MAPK and JNKs) Phosphorylation from the Protective Effect of Preconditioning in vivo.**  
Iliodromitis E, Gaitanaki C, Lazou A, Bofilis E, Karavolias G, Beis I, Kremastinos D  
*J Mol Cell Cardiol* 2002 Aug 34:8 1019
- 26. Doppler-derived left ventricular end-diastolic pressure prediction model using the combined analysis of mitral and pulmonary A waves in patients with coronary artery disease and preserved left ventricular systolic function.**  
Paraskevaidis I, Tsiapras D, Karavolias G, Cokkinos P, Kremastinos D  
*Am J Cardiol* 2002 Oct 1; 90:7 720
- 27. Effects of Growth Hormone Administration on Plasma Levels of Proinflammatory Cytokines and Soluble Apoptosis Mediators Fas/Fas Ligand in Patients with Dilated Cardiomyopathy**  
Stamatis Adamopoulos, John T. Parissis, Dimitrios Karatzas, Michael Georgiadis, Christos Kroupis, Koula Venetsanou, George Karavolias, Spilios M. Karas, Katerina Koniavitou, Dimitrios Th. Kremastinos  
*Hellenic J Cardiol* 43: 20-25, 2002
- 28. Acute hemodynamic effects of oestrogen administration in male patients with chronic heart failure.**  
Adamopoulos S, Leftheriotis D, Sbarouni E, Karavolias G, Kremastinos DT.  
*Eur J Heart Fail.* 2002 Dec;4(6):719-26.
- 29. Effects of growth hormone on circulating cytokine network, and left ventricular contractile performance and geometry in patients with idiopathic dilated cardiomyopathy.**  
Adamopoulos S, Parissis JT, Paraskevaidis I, Karatzas D, Livanis E, Georgiadis M, Karavolias G, Mitropoulos D, Degiannis D, Kremastinos DT.  
*Eur Heart J.* 2003 Dec;24(24):2186-96.
- 30. Orthotopic Heart Transplantation: Early Clinical Experience and Results of a New Transplantation Centre**  
Athanasios Magginas, Stamatis Adamopoulos, George Karavolias, Loukas Kaklamanis, George Saroglou, Dimitrios Vlahakos, Stavroula Lacoumenta, Theofani Antoniou, Despoina Chilidou, Petros Sfirakis, Stefanos Geroulanos, Peter A. Alivizatos  
*Hellenic J Cardiol* 44: 102-107, 2003

- 31. Repeated exercise stress testing identifies early and late preconditioning.**  
Paraskevaidis IA, Iliodromitis EK, Mavrogeni S, Karavolias GK, Theodorakis GN, Georgiadis M, Kremastinos DT.  
*Int J Cardiol.* 2005 Feb 15;98(2):221-6.
- 32. A comparison of magnetic resonance imaging and cardiac biopsy in the evaluation of heart iron overload in patients with beta-thalassemia major.**  
Mavrogeni SI, Markussis V, Kaklamanis L, Tsiapras D, Paraskevaidis I, Karavolias G, Karagiorga M, Douskou M, Cokkinos DV, Kremastinos DT.  
*Eur J Haematol.* 2005 Sep;75(3):241-7.
- 33. The Effect of Carvedilol Therapy on Myocardial Functional Reserve in Patients with Advanced Heart Failure Caused by Nonischemic Dilated Cardiomyopathy**  
Ioannis A. Paraskevaidis, Dimitrios Tsiapras, George Karavolias, Stamatis Adamopoulos, Thomas Dodouras, Philippos Cokkinos and Dimitrios Th Kremastinos  
*J Am Soc Echocardiogr.* 2006 May;19(5):529-35
- 34. Increased C- reactive protein and cardiac enzyme levels after coronary stent implantation. Is there protection by remote ischemic preconditioning?**  
E K Iliodromitis, S Kyrzopoulos, I A Paraskevaidis, K G Kolocassides, S Adamopoulos, G Karavolias, and D T Kremastinos  
*Heart, Dec 2006; 92: 1821 - 1826*
- 35. Primary stenting of an unprotected left main coronary artery total occlusion in a patient with acute myocardial infarction and cardiogenic shock.**  
George K. Karavolias, Panagiota Georgiadou, Efstathios K. Iliodromitis, Philip Cokkinos, Stamatis Adamopoulos, George N. Theodorakis, Dimitrios Th. Kremastinos  
*Acute Cardiac Care.* 2006; 8: 172–176
- 36. Isolated right ventricular infarction during angioplasty mimicking anterior myocardial infarction**  
George K. Karavolias, Panagiota Georgiadou, Stamatis Adamopoulos, George N. Theodorakis  
*Acute Cardiac Care.* 2008; 10: 127-128  
DOI: 10.1080/17482940701802322.

**37. Orthotopic heart transplantation: ten years' clinical experience.**

Manginas A, Sfyraakis P, Stavridis G, Louka L, Zarkalis D, Tsourelis L, Adamopoulos S, Karavolias G, Apostolopoulou S, Antoniou T, Thanopoulos A, Rellia P, Kaklamanis L, Melissari E, Mastorakou I, Degiannis D, Manoli E, Saroglou G, Geroulanos S, Alivizatos PA.

*Hellenic J Cardiol.* 2008 Jul-Aug;49(4):227-37

**38. Coronary artery perforation in patients undergoing percutaneous coronary intervention: a single-centre report.**

Georgiadou P, Karavolias G, Sbarouni E, Adamopoulos S, Malakos J, Voudris V.

*Acute Card Care.* 2009;11(4):216-21.

DOI: 10.1080/17482940903254207

**39. Transfemoral percutaneous removal of a knotted Swan-Ganz catheter.**

Katsikis A, Karavolias G, Voudris V.

*Catheter Cardiovasc Interv.* 2009 Nov 1;74(5):802-4.

DOI: 10.1002/ccd.22201

**40. Heart transplantation in a low-organ-donation environment: a single center experience.**

Gkouziouta A, Adamopoulos S, Manginas A, Karavolias GK, Leontiadis E, Tsourelis L, Zarkalis D, Loukas L, Stavridis G, Antoniou T, Degiannis D, Melissari E, Kaklamanis L, Saroglou G, Sfirakis P, Alivizatos P.

*Transplant Proc.* 2009 Dec;41(10):4289-93.

DOI: 10.1016/j.transproceed.2009.09.079.

**41. Ischaemia-modified albumin in pulmonary hypertension.**

Sbarouni E, Georgiadou P, Manginas A, Panagiotakos D, Karavolias GK, Voudris V.

*Biomarkers.* 2010 May;15(3):238-42.

DOI: 10.3109/13547500903469994.

**42. Percutaneous aortic valve implantation of the Medtronic CoreValve self-expanding valve prosthesis via left subclavian artery access: the first case report in Greece.**

Karavolias GK, Georgiadou P, Houri M, Sbarouni E, Thomopoulou S, Tsiapras D, Smirli A, Balanika M, Voudris V.

*Hellenic J Cardiol.* 2010 Jul-Aug;51(4):362-7.

- 43. Short and long term anti-inflammatory effects of bosentan therapy in patients with pulmonary arterial hypertension: relation to clinical and hemodynamic responses.**
- Karavolias GK, Georgiadou P, Gkouziouta A, Kariofillis P, Karabela G, Tsiapras D, Sbarouni E, Chaidaroglou A, Degiannis D, Adamopoulos S, Voudris V.
- Expert Opin Ther Targets.* 2010 Dec;14(12):1283-9.  
DOI: 10.1517/14728222.2010.523421
- 44. Transcatheter aortic valve implantation, patient selection process and procedure: two centers' experience of the intervention without general anesthesia.**
- Vavuranakis M, Voudris V, Vrachatis DA, Thomopoulou S, Toutouzias K, Karavolias G, Tolios I, Sbarouni E, Lazaros G, Chrysohoou C, Khoury M, Brili S, Balanika M, Moldovan C, Stefanadis C.
- Hellenic J Cardiol.* 2010 Nov-Dec;51(6):492-500
- 45. Cytokine gene polymorphisms are associated with markers of disease severity and prognosis in patients with idiopathic dilated cardiomyopathy.**
- Adamopoulos S, Kolokathis F, Gkouziouta A, Georgiadou P, Chaidaroglou A, Karavolias GK, Degiannis D, Voudris V, Kremastinos DT.
- Cytokine.* 2011 Apr;54(1):68-73.  
DOI: 10.1016/j.cyto.2011.01.004
- 46. Long-term quality of life improvement after transcatheter aortic valve implantation.**
- Georgiadou P, Kontodima P, Sbarouni E, Karavolias GK, Smirli A, Xanthos T, Troupis T, Khouri M, Papadimitriou L, Voudris V.
- Am Heart J.* 2011 Aug;162(2):232-7. Epub 2011 Jul 20.  
DOI: 10.1016/j.ahj.2011.06.004
- 47. Challenging bifurcation stenting: two-year clinical outcomes after treatment with a new generation DES**
- Serra A, Roguin A, Santarelli A, Santoso T, Marzocchi A, Mauri Ferré F, Martin D, Karavolias G, Trani C, West N, Danzi G
- Eurointervention Volume 7, Supplement M, May 2011.*
- 48. Two-year clinical outcomes after treatment of saphenous vein graft with a new generation DES**
- Wessely R, Strupp G, Schwacke H, Marzocchi A, Nguyen N, Kala P, Karavolias G, Vrolix M, Lanzer P, Jagic N, Wiemer M, Miloradovic V, Beleslin B, Stojkovic S, Danzi G
- Eurointervention Volume 7, Supplement M, May 2011*

**49. Very small vessels (<2.5 mm) treated with Nobori DES: two-year clinical outcomes**

Carrié D, Karavolias G, Wiemer M, Santoso T, Marzocchi A, Laanmets P, West N, Serra A, Monsegu J, Santarelli A, Birkemeyer R, Babic R, Danzi G

*Eurointervention Volume 7, Supplement M, May 2011*

**50. Left main coronary artery aneurysm.**

Pavlidis AN, Malakos JS, Karavolias GK, Sbarouni E, Georgiadou P, Mastorakou I, Voudris VV.

*Herz. 2012 Aug;37(5):565-6*

**51. Anomalous origin of coronary arteries: when one sinus fits all.**

Pavlidis AN, Karavolias GK, Malakos JS, Sbarouni E, Georgiadou P, Voudris VV.

*Acute Card Care. 2012 Sep;14(3):99-102.*  
DOI: 10.3109/17482941.2012.683797

**52. Transcatheter aortic valve implantation: restoring the qualities of life in old age.**

Georgiadou P, Sbarouni E, Karavolias GK, Voudris V.

*Age Ageing. 2013 Jan;42(1):21-6.*  
DOI: 10.1093/ageing/afs110

**53. Unprotected left main distal bifurcation lesion.**

Karavolias G, Karyofilis P, Georgiadou P, Voudris V.

*Hellenic J Cardiol. 2012 Nov;53(6):480-4*

**54. Idiopathic pulmonary arterial hypertension in a young patient with the Cohen syndrome.**

Cokkinos P, Gkouziouta A, Karavolias G, Kariofillis P, Voudris V.

*Hellenic J Cardiol. 2013 Mar-Apr;54(2):143-6*

**55. Endomyocardial biopsy in new onset dilated cardiomyopathy: Prevalence and prognostic role of infectious agents.**

Adamopoulos S, Gkouziouta A, Lazaros G, Karavolias G, Xatzianastasiou S, Aznaouridis K, Karavidas A, Saroglou G.

*Int J Cardiol. 2013 Oct 9;168(4):e129-30.*  
DOI: 10.1016/j.ijcard.2013.08.035

**56. Anesthetic Management of Patients Undergoing Transcatheter Aortic Valve Implantation.**

Balanika M, Smyrli A, Samanidis G, Spargias K, Stavridis G, Karavolias G, Khoury M, Voudris V, Lacoumenta S.

*J Cardiothorac Vasc Anesth. 2014 Apr;28(2):285-9.*  
DOI: 10.1053/j.jvca.2013.07.010

**57. Is IL-10 a predictor of in-stent restenosis in stable and unstable angina patients undergoing coronary interventions?**

Karabela G, Karavolias G, Chaidaroglou A, Theleritis C, Degiannis D, Kremastinos D, Adamopoulos S.

*Int J Cardiol.* 2014 Oct 20;176(3):1156-7.

DOI: 10.1016/j.ijcard.2014.07.258

**58. Intravascular Ultrasonic Imaging of Coronary Arterial Remodeling in Heart Transplant Recipients.**

Goto K, Iakovou I, Gkouziouta A, Maehara A, Mintz GS, Karavolias G, Leontiadis V, Voudris V, Pavlides G, Adamopoulos S.

*Am J Cardiol.* 2015 Sep 1;116(5):785-90.

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**59. The role of TNF- $\alpha$ , Fas/Fas ligand system and NT-proBNP in the early detection of asymptomatic left ventricular dysfunction in cancer patients treated with anthracyclines**

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