



## CURRICULUM VITAE

### CONSTANTINE E. KOSMAS, M.D., Ph.D.

#### EDUCATION:

*1977 - 1983*

**University of Athens Medical School**, Athens, Greece.  
(Premedical education is included in the six-year medical school).  
Graduated with “**Excellent**” with an M.D. degree.

*1971 - 1977*

**Experimental High School of the University of Athens**, Athens, Greece.  
This school was established for students who had the potential for academic excellence.  
Graduated with “**Excellent**”.



#### FELLOWSHIP:

*7/1992 - 6/1995*

**Episcopal Hospital**, Philadelphia, Pennsylvania.  
Fellow in the three-year Cardiology program.

#### RESIDENCIES:

*7/1989 - 6/1992*

**St. John’s Episcopal Hospital, South Shore**, Far Rockaway, New York.  
Resident in the three-year Internal Medicine program.

*6/1987 - 5/1989*

**Alexandra University Hospital**, Athens, Greece.  
Resident in the Internal Medicine program.  
(Interrupted in order to commence training in the USA).

*8/1984 - 3/1985*

**251 General Air Force Hospital**, Athens, Greece.  
Intern in Internal Medicine during military service.

#### DOCTORAL THESIS:

*1992*

**Doctorate in Medicine (Ph. D.)** granted with “**Excellent**” by the **University of Athens Medical School**, Athens, Greece:

**Kosmas CE: Substitution of the left and right ventricles by counterpulsation pumps during ventricular fibrillation. Mechanism of the hemodynamic effect of the right ventricular pump.**

Doctoral Thesis. From the Department of Clinical Therapeutics, University of Athens, Athens, Greece, June 1992.

[62 pages, 113 references. In Greek with English summary].

#### OTHER EXPERIENCE:

*5/1986 - 1/1987*

**“Health Mansions” Clinic**, Athens, Greece.  
Internal assistant in Medicine, temporarily before starting residency.

*5/1985 - 5/1986*

**Agrarian Clinic of Mavrikion**, Mavrikion, Ahaia, Greece.  
One-year mandatory general medical practice in rural Greece.

#### MILITARY SERVICE:

*10/1983 - 5/1985*

Military service in the Greek Air Force.  
Practiced medicine for most of period of military service.

## **EMPLOYMENT HISTORY:**

*9/2014 – Present*

**Cardiology Unlimited, P.C.**

1150 Webster Avenue, 2<sup>nd</sup> Floor, Suite 1  
Bronx, NY 10456

*3/2011 – 8/2014*

**Mount Sinai Medical Center**

One Gustave L. Levy Place  
New York, NY 10029

*7/2000 – 1/2011*

**Cardiovascular Associates of New York**

44-01 Francis Lewis Boulevard  
Bayside, NY 11361

*7/1995 - 6/2000*

**Vidya S. Banka, M.D. & Assoc., P.C.**

Garfield Duncan Building, Suite 2B  
301 S. 8<sup>th</sup> Street  
Philadelphia, PA 19106

## **FACULTY APPOINTMENTS:**

*3/2011*

**Assistant Professor of Medicine (Cardiology)**

Department of Medicine, Division of Cardiology  
Mount Sinai School of Medicine  
New York, New York.

*1/2001*

**Clinical Assistant Professor of Medicine (Cardiology)**

Weill Medical College of Cornell University,  
New York, New York.

*7/1999*

**Clinical Assistant Professor of Medicine (Cardiology)**

Department of Medicine,  
Medical School of the University of Pennsylvania,  
Philadelphia, Pennsylvania.

*7/1997*

**Clinical Associate**

Department of Medicine,  
Medical School of the University of Pennsylvania,  
Philadelphia, Pennsylvania.

## **HOSPITAL APPOINTMENTS:**

5/2011 – Present

### **Cardiology Attending**

Mount Sinai Hospital of Queens, Astoria, New York.

3/2011 – Present

### **Cardiology Attending**

Mount Sinai Hospital, New York, New York.

5/2010 – 1/2011

### **Cardiology Attending**

North Shore University Hospital, Manhasset, New York.

7/2008 – 1/2011

### **Cardiology Attending**

Lenox Hill Hospital, New York, New York.

- ✓ *Direct patient care and clinical supervision of the Cardiology fellows, medical residents and Physician Assistants.*

7/2000 – 1/2011

### **Cardiology Attending**

New York Hospital Queens, Flushing, New York.

- ✓ *Direct patient care and clinical supervision of the Cardiology fellows (7/2004-6/2008), medical residents and medical students.*
- ✓ *Teaching of the Cardiology fellows (7/2004-6/2008), medical residents (7/2000-6/2008), as well as medical students from Weill Medical College of Cornell University (7/2000-6/2008), during work rounds and at bedside in the Coronary Care Unit and Cardiology wards, as well as with numerous teaching sessions and lectures on a daily basis.*
- ✓ *Interpretation of approximately 1000 electrocardiograms per year, including exercise electrocardiograms and Holter recordings (7/2000-6/2008).*
- ✓ *Interpretation of approximately 1000 cardiac nuclear studies per year.*  
[Cardiovascular Associates of New York, P.C.: First Floor, Nuclear Stress Room, Bayside, New York and Cardiovascular Associates of New York, P.C.: 23-18 31 Street, Astoria, New York – **Radiation Safety Officer** for this facility] (2000-2010).
- ✓ *Performance of approximately 50 cardiac catheterizations per year (2000-2001).*

1/2002 – 6/2003

### **Acting Director, Coronary Care Unit**

New York Hospital Queens, Flushing, New York.

- ✓ *Clinical and administrative supervisory responsibilities for the development and optimization of clinical curricula for the comprehensive training and teaching of the medical residents in the Coronary Care Unit.*
- ✓ *Clinical and administrative supervisory responsibilities for the development and optimization of clinical protocols for optimal, evidence-based management of the patients admitted to the Coronary Care Unit.*
- ✓ *Clinical and administrative supervisory responsibilities for the optimal operation of the Coronary Care Unit.*

7/1996 - 6/2000

### **Cardiology Attending**

Pennsylvania Hospital, Philadelphia, Pennsylvania.

- ✓ *Direct patient care and clinical supervision of the medical residents and medical students.*
- ✓ *Teaching of the medical residents, as well as medical students from Thomas Jefferson University and University of Pennsylvania, during work rounds and at bedside in the Coronary Care Unit and Cardiology wards, as well as with numerous teaching sessions and lectures on a daily basis.*
- ✓ *Interpretation of approximately 3000 electrocardiograms per year (including exercise electrocardiograms and Holter recordings).*
- ✓ *Interpretation of approximately 300 echocardiographic studies per year.*
- ✓ *Performance of approximately 150 cardiac catheterizations per year (including intra-aortic balloon pump insertions).*

8/1995 - 6/2000

### **Cardiology Attending**

Episcopal Hospital, Philadelphia, Pennsylvania.

- ✓ *Direct patient care and clinical supervision of the Cardiology fellows, medical residents and medical students.*
- ✓ *Training of the Cardiology fellows in the Cardiac Catheterization Laboratories, Echocardiography Laboratory and the Nuclear Cardiology Laboratory on a daily basis.*
- ✓ *Teaching of the Cardiology fellows, medical residents, as well as medical students from Medical College of Pennsylvania, Thomas Jefferson University and Temple University, during work rounds and at bedside in the Coronary Care Unit and Cardiology wards, as well as in the Cardiology Clinic and with numerous teaching sessions and lectures on a daily basis.*
- ✓ *Interpretation of approximately 5000 electrocardiograms per year (including exercise electrocardiograms and Holter recordings).*
- ✓ *Interpretation of approximately 1000 echocardiographic studies per year.*
- ✓ *Interpretation of approximately 2000 cardiac nuclear studies per year.*
- ✓ *Performance of approximately 200 cardiac catheterizations per year (including pulmonary angiograms and intra-aortic balloon pump insertions).*

8/1995 - 9/1999

### **Director, Clinical Services**

Episcopal Hospital, Philadelphia, Pennsylvania.

- ✓ *Clinical and administrative supervisory responsibilities for the development and optimization of clinical curricula for the comprehensive training and teaching of the Cardiology fellows.*
- ✓ *Clinical and administrative supervisory responsibilities for the optimal operation of the Cardiology Clinics.*

8/1995 - 9/1999

### **Associate Director, Nuclear Cardiology**

Episcopal Hospital, Philadelphia, Pennsylvania.

- ✓ *Clinical and administrative supervisory responsibilities for the optimal operation of the Nuclear Cardiology Laboratory.*
- ✓ *Clinical and administrative supervisory responsibilities for the comprehensive training and teaching of the Cardiology fellows in the field of Nuclear Cardiology.*

## **HOSPITAL COMMITTEES:**

1/2002 – 6/2008

### **Pharmacy and Therapeutics Committee**

New York Hospital Queens, Flushing, New York.

1/2002 – 6/2003

### **Critical Care Committee**

New York Hospital Queens, Flushing, New York.

## **PRACTICE APPOINTMENTS:**

10/2015 – Present

### **Director of Nuclear Cardiology, Cardiology Unlimited, P.C.**

629 West 185<sup>th</sup> Street, 2<sup>nd</sup> Floor

New York, NY 10033

7/2015 – Present

### **Radiation Safety Officer, Cardiology Unlimited, P.C.**

3131 Grand Concourse

Bronx, NY 10468

9/2014 – Present

### **Director of Lipid Clinic, Cardiology Unlimited, P.C.**

629 West 185<sup>th</sup> Street, 2<sup>nd</sup> Floor

New York, NY 10033

3/2011 – 8/2014

### **Medical Director, Mount Sinai Advanced Cardiovascular Group**

30-74 31<sup>st</sup> Street

Astoria, NY 11102

## **TEACHING ASSIGNMENTS:**

3/2011 – 8/2014

### **Cardiology Teaching Attending in 7 Center Cardiac Telemetry Floor**

Mount Sinai Hospital, New York, New York.

*Discussing with medical residents and medical students the presentation and clinical course of patients admitted to the Cardiac Telemetry Floor and making decisions regarding their clinical management.*

3/2011 – 8/2014

### **Cardiology Teaching Attending in Coronary Care Unit**

Mount Sinai Hospital, New York, New York.

*Discussing with Cardiology fellows and medical residents the presentation, clinical course and management of patients admitted to the Coronary Care Unit.*

7/2000 – 6/2008

### **Cardiology Teaching Attending in Coronary Care Unit**

New York Hospital Queens, Flushing, New York.

*Discussing with Cardiology fellows (7/2004-6/2008) and medical residents the presentation, clinical course and management of patients admitted to the Coronary Care Unit.*

7/2000 – 6/2008

### **Cardiology Teaching Attending in 2N Cardiac Telemetry Floor**

New York Hospital Queens, Flushing, New York.

*Discussing with Cardiology fellows (7/2004-6/2008) and medical residents the presentation and clinical course of patients admitted to the Cardiac Telemetry Floor and making decisions regarding their clinical management.*

7/2000 – 6/2008

### **Cardiology Teaching Attending - BMA Consult Services**

New York Hospital Queens, Flushing, New York.

*Discussing a large spectrum of cardiac clinical didactic cases with Cardiology fellows (7/2004-6/2008) and medical residents and teaching them how to perform a comprehensive cardiac consultation.*

11/2000

### **Preceptor of Third-Year Clerkship in Internal Medicine for medical students from Weill Medical College of Cornell University**

New York Hospital Queens, Flushing, New York.

*Discussing clinical cases and teaching third-year medical students how to obtain a comprehensive history, perform a thorough physical exam, optimally assess the pertinent laboratory data and make an appropriate differential diagnosis.*

7/1996 - 6/2000

### **Cardiology Teaching Attending in Coronary Care Unit**

Pennsylvania Hospital, Philadelphia, Pennsylvania.

*Discussing with medical residents, as well as medical students from Thomas Jefferson University and the University of Pennsylvania, the presentation, clinical course and management of patients admitted to the Coronary Care Unit.*

7/1996 - 6/2000

### **Cardiology Teaching Attending - Consult and Emergency Room Service**

Pennsylvania Hospital, Philadelphia, Pennsylvania.

*Discussing a large spectrum of cardiac clinical didactic cases, including the immediate management of patients in the Emergency Room, with medical residents, as well as medical students from Thomas Jefferson University and the University of Pennsylvania, and teaching them how to perform a comprehensive cardiac consultation.*

8/1994 - 7/1996

### **Teaching Attending in Internal Medicine**

Episcopal Hospital, Philadelphia, Pennsylvania.

*Discussing with medical residents, as well as medical students from the Medical College of Pennsylvania, the presentation and clinical course of patients admitted to the General Medical Floors and making decisions regarding their clinical management.*

8/1994 - 6/1995

### **Clinical Instructor in Cardiac Diagnostics**

Episcopal Hospital, School of Perfusion Science, Philadelphia, Pennsylvania.

*Giving series of lectures within the Cardiac Diagnostic curricula to students from Episcopal Hospital School of Perfusion Science. The topics of the lectures were: "Coronary Artery Disease", "Cardiac Arrhythmias and Pacing" and "Cardiomyopathies".*

## **CONSULTING POSITIONS:**

Scientific Advisor at the General Hospital of Piraeus “Hippocrates”, Piraeus, Greece.

## **SPECIALTY CERTIFICATIONS:**

2007

**Board Certified in Clinical Lipidology in the United States of America.**

2002

**Board Certified in Nuclear Cardiology in the United States of America. Recertified for the period 2013-2023.**

1996

**Board Certified in Cardiovascular Disease in Greece.**

1995

**Board Certified in Cardiovascular Disease in the United States of America. Recertified for the period 2005-2015 and for the period 2015-2025.**

1993

**Board Certified in Internal Medicine in Greece.**

1992

**Board Certified in Internal Medicine in the United States of America.**

## **MEDICAL LICENSES:**

1999

Fully registered with the General Medical Council in the United Kingdom as a specialist in General (Internal) Medicine and Cardiology.

1995

Licensed to practice Medicine and Surgery in the State of New York.

1992

Licensed to practice Medicine in the Commonwealth of Pennsylvania.

1983

Licensed to practice Medicine in Athens, Greece.

## **OTHER LICENSES AND CERTIFICATIONS:**

2015

Radioactive Materials License by the City of New York, Department of Health and Mental Hygiene, Office of Radiological Health authorizing the use of radioactive material for cardiovascular studies.

2001

Certification for successful completion of the TIKOSYN Education Program by the TIKOSYN Program Administration. This certification qualifies the recipient physician to prescribe the anti-arrhythmic drug *TIKOSYN*<sup>TM</sup> (dofetilide).

2001

Radioactive Materials License by the City of New York, Department of Health, Bureau of Radiological Health authorizing the use of radioactive material for cardiovascular studies.

2000

Certification for successful completion of the **e.soft** and **Basic ICON** course by Siemens Medical Systems, Inc.

2000

Certification for successful completion of an approved course in Infection Control by the New York State Department of Health and the New York State Education Department.

1995

Materials License by the U. S. Nuclear Regulatory Commission authorizing the use of radioactive material for cardiovascular clinical procedures.

1995

Radioactive Materials License by the Commonwealth of Pennsylvania, Department of Environmental Protection, Bureau of Radiation Protection authorizing the use of radioactive material for cardiovascular studies.

1995

Certification for successful completion of the 200-hour Physician Training Program in Basic Radioisotope Handling conducted in accordance with the requirements of the U. S. Nuclear Regulatory Commission (10 CFR 35) by Health Physics Services, Inc.

## **PHARMACEUTICAL SPEAKER BUREAUS AND ADVISORY PANELS:**

*2015 - Present*

Member of the Dyslipidemia Speaker Bureau and the Heart Failure Speaker Bureau of Amgen, Inc.

*2015 - Present*

Consultant of Sanofi US

*2009 - 2010*

Member of the Speaker Bureau of Lilly USA, LLC

*2008 - 2011*

Member of the Speaker Bureau of GlaxoSmithKline

*2007*

Member of the Speaker Bureau of King Pharmaceuticals, Inc.

*2006 - 2011*

Member of the Speaker Bureau of Abbott Laboratories

*2006 - 2008*

Member of the Speaker Bureau of Novartis Pharmaceuticals Corporation

*2005 - 2011*

Member of the Speaker Bureau of Boehringer Ingelheim Pharmaceuticals, Inc.

*2004 - 2011*

Member of the Speaker Bureau of Forest Pharmaceuticals, Inc.

*2004*

Member of the Speaker Bureau of Millennium Pharmaceuticals, Inc.

*2004 - 2011*

Member of the Speaker Bureau of Daiichi Sankyo, Inc.

*2003 - 2008*

Member of the Lecture Bureau of AstraZeneca LP

*2001 - 2002*

Member of the Speaker Bureau of Merck & Co., Inc.

*1996 - 2009*

Member of the Speaker Bureau of Pfizer, Inc.

*10/5/2007*

Cardiology Consultant in the Abbott Laboratories Cardiology Advisory Board Meeting entitled: "Addressing Triglycerides and HDL-C Beyond Statin Monotherapy to Reduce CVD Risk" [New York]

*6/12/2003*

Member of the GlaxoSmithKline Carvedilol Regional Post-MI Advisory Panel, establishing the role of Carvedilol in high-risk patients with LVD [New York]

*11/28/2000*

Member of the Unimed Pharmaceuticals, Inc. Consultant Advisory Panel to discuss matters relating to Unimed's drug *Teveten*<sup>®</sup> (Eprosartan mesylate) [New York]

*5/28/1997*

Member of the SmithKline Beecham Pharmaceuticals Regional Advisory Board to discuss pertinent issues relating to SmithKline Beecham's drug *Coreg*<sup>®</sup> (Carvedilol) [Pennsylvania]

## **HONORS AND AWARDS:**

*2015 - 2018*

Physician's Recognition Award from the American Medical Association for fulfilling the requirements for this award in Continuing Medical Education.

*2001 - 2004*

Physician's Recognition Award from the American Medical Association for fulfilling the requirements for this award in Continuing Medical Education.

*2001*

Certificate of Appreciation from the New York Hospital Queens in recognition of the recipient's efforts in support of the Outreach Programs presented to the community by New York Hospital Queens.

*1998 - 2001*

Award of Excellence from the Pennsylvania Medical Society for completion of 150 hours of Continuing Medical Education within the last three years that fulfills the highest standards of continuing education set by the members of the Society.

*1995 - 1998*

Physician's Recognition Award from the American Medical Association for fulfilling the requirements for this award in Continuing Medical Education.

*1980 - 1983*

Monetary scholarship from the Papadakis Foundation, having passed nationwide examinations for university students with the highest score.

*1978 - 1983*

Annual honorary scholarships during medical school from the Institute of Government Scholarships.

## **PROFESSIONAL SOCIETY MEMBERSHIPS:**

**Fellow of the American College of Physicians—American Society of Internal Medicine**

**Fellow of the American College of Cardiology**

Member of the National Lipid Association

Member of the American Society of Nuclear Cardiology

Member of the American Medical Association

Member of the Athens Medical Association (Greece)

## **LECTURES - PRESENTATIONS:**

### **Chest Pain in the Hospital**

American College of Physicians Internal Medicine 2014 Conference  
Orange County Convention Center, Orlando, Florida (4/11/2014).

### **New Lipid Lowering Drugs on the Horizon**

Lecture given as part of a Scientific Symposium entitled "*Hot Topics in Cardiology: ACC Highlights for the Interventional, Invasive, and General Cardiologist*" – Session II: "*Focus on Prevention*".

#### **Transcatheter Cardiovascular Therapeutics Conference-2013 (TCT 2013)**

The Moscone Center, San Francisco, California (10/27/2013).

### **HDL Functionality: An Emerging Concept in Clinical Lipidology**

Cardiology Grand Rounds

Westchester Medical Center, Valhalla, New York (10/15/2013).

Friday AM Emory University Cardiology Conference

Emory University Hospital, Atlanta, Georgia (11/16/2012).

Cardiology Fellows' Conference

Mount Sinai Medical Center, New York, New York (10/3/2012).

### **Omega-3 Fatty Acids in Cardiovascular Disease**

Grand Rounds

St. Francis Hospital, Roslyn, New York (12/19/2012).

### **Lipid Regulating Drug Pharmacology and New Frontiers in the Management of Lipid Disorders**

Grand Rounds

Mount Sinai Hospital of Queens, Astoria, New York (12/12/2011).

Lecture given as part of a Medical Program entitled "*Hippocrates' Seminars - The Future of Medicine: New Paradigms in Patient Care*" and sponsored by the Hellenic Medical Society of Philadelphia in conjunction with the Hellenic Medical Society of New York.

Atlantic City, New Jersey (4/2/2011).

### **Current Trends in Management of Lipid Disorders**

Lecture given as part of a Medical Program entitled "*New Frontiers in the Treatment of Cardiovascular Disorders*" and sponsored by an Educational Grant from Biotronik, Inc.

Astoria, New York (11/15/2011).

### **Hypertrophic Cardiomyopathy: From Epidemiology to Electrophysiology**

Medical Program sponsored by an Educational Grant from Boston Scientific Corporation.

Astoria, New York (3/17/2010).

### **Lipid Regulating Drug Pharmacology and Current Trends in the Management of Lipid Disorders**

Grand Rounds

St. Barnabas Hospital, Bronx, New York (2/4/2010).

### **Long QT Syndrome – Case Presentation**

Lecture given as part of a Medical Program entitled "*Current Topics in Sudden Cardiac Arrest*" and sponsored by an Educational Grant from Medtronic, Inc.

Astoria, New York (11/10/2009).

### **Statin Pharmacology and Current Trends in Management of Lipid Disorders**

Lecture given as part of a Medical Program entitled "*From Preventive Cardiology to Cardiovascular Surgery: Current Trends in Management and New Perspectives*" and sponsored by an Educational Grant from Medtronic, Inc. and by an Educational Grant from Terumo Cardiovascular Systems Corporation.

Astoria, New York (2/24/2009).

### **Hypertrophic Cardiomyopathy and Long QT Syndrome**

Lecture given as part of a Medical Program entitled "*Beyond Coronary Artery Disease: Inherited Causes of Sudden Cardiac Death*" and sponsored by the Sudden Cardiac Arrest Association and by an Educational Grant from St. Jude Medical, Inc.

Astoria, New York (1/14/2009).

### **Lipid Regulating Drug Pharmacology and Current Concepts in the Management of Lipid Disorders**

Cardiology Conference at Cardiac Arrhythmia Center

New York Hospital Queens, Flushing, New York (3/31/2008).

Medicine/Cardiology Conference

New York Hospital Queens, Flushing, New York (3/12/2008).

### **Lipid Regulating Drug Pharmacology**

Cardiology Core Lecture Series

New York Hospital Queens, Flushing, New York (10/11/2007).

## **An Update on the Prevention of Sudden Cardiac Death**

Medical Program sponsored by an Educational Grant from St. Jude Medical, Inc.  
Astoria, New York (11/1/2006).

## **The Evaluation and Immediate Management of Chest Pain/Acute Myocardial Infarction**

2005 Summer Noontime Lecture Series  
Department of Medicine  
New York Hospital Queens, Flushing, New York (7/15/2005).

## **Unstable Coronary Syndrome and Acute Myocardial Infarction**

Comprehensive Review of Internal Medicine 2002-2003  
New York Hospital Queens, Flushing, New York (10/11/2002).  
Comprehensive Review of Internal Medicine 2001-2002  
New York Hospital Queens, Flushing, New York (10/12/2001).

## **Acute Myocardial Infarction**

2002 Summer Noontime Lecture Series  
Department of Medicine  
New York Hospital Queens, Flushing, New York (7/22/2002).

## **Evidence-based management of hyperlipidemia**

Grand Rounds  
Family Practice Residency Program  
St. John's Episcopal Hospital, South Shore, Far Rockaway, New York (11/6/2001).

## **Management of Heart Failure**

Comprehensive Review of Internal Medicine 2000-2001  
New York Hospital Queens, Flushing, New York (10/30/2000).

## **Beta-blockade in the management of heart failure**

Cardiology Conference  
Pennsylvania Hospital, Philadelphia, Pennsylvania (2/9/2000).

## **New frontiers in the management of heart failure**

Cardiology Conference  
Pennsylvania Hospital, Philadelphia, Pennsylvania (4/14/1999).

## **Mitral valve prolapse and ventricular arrhythmias**

Cardiology Conference  
Pennsylvania Hospital, Philadelphia, Pennsylvania (3/11/1998).

## **Medical advances in the treatment of congestive heart failure: Progress through clinical trials**

Grand Rounds  
St. Joseph's Hospital/NPHS, Philadelphia, Pennsylvania (5/22/1997).  
Cardiology Conference  
Pennsylvania Hospital, Philadelphia, Pennsylvania (1/22/1997).  
Monthly In-Service Meeting  
CAMcare Health Corporation-Camcare Central, Camden, New Jersey (7/8/1996).

## **Nuclear Cardiology Case Presentation: Normal Thallium imaging in the presence of severe and extensive coronary artery disease**

Cardiology Update Symposium: New Frontiers in Cardiology-1997  
Four Seasons Hotel, Philadelphia, Pennsylvania (5/3/1997).

## **Anticoagulation in unstable angina and acute myocardial infarction**

Family Practice Meeting  
Philadelphia Marriott Hotel, Philadelphia, Pennsylvania (9/13/1995).



## **PARTICIPATION IN SCIENTIFIC MEETINGS:**

**American College of Physicians Internal Medicine 2014 Conference**  
Orange County Convention Center, Orlando, Florida (4/11/2014).  
**Faculty (Lecturer)**

**Transcatheter Cardiovascular Therapeutics Conference-2013 (TCT 2013)**  
The Moscone Center, San Francisco, California (10/27/2013).  
**“Hot Topics in Cardiology: ACC Highlights for the Interventional, Invasive, and General Cardiologist” – Session II: “Focus on Prevention”**  
**Faculty (Lecturer), Moderator and Discussant**

**Cardiology Update Symposium: New Frontiers in Cardiology-2000**  
The Westin Hotel, Philadelphia, Pennsylvania (4/29/2000).  
**Faculty, Moderator and Member of Discussion Panel**

**Cardiology Update Symposium: New Frontiers in Cardiology-1998**  
Four Seasons Hotel, Philadelphia, Pennsylvania (10/10/1998).  
**Faculty, Moderator and Member of Discussion Panel**

**Cardiology Update Symposium: New Frontiers in Cardiology-1997**  
Four Seasons Hotel, Philadelphia, Pennsylvania (5/3/1997).  
**Faculty**

**Current Trends in Cardiology-1996: Advances in the Diagnosis and Treatment of Cardiovascular Disease**  
Four Seasons Hotel, Philadelphia, Pennsylvania (3/30/1996).  
**Co-Director, Faculty and Member of Discussion Panel**

## **EDITORIAL BOARD OF MEDICAL JOURNALS:**

**Associate Editor** of the Cardiology and Cardiovascular Disease section of the medical journal “Drugs in Context”.

Member of the Editorial Board of the medical journal “Henry Journal of Cardiology & Cardiovascular Medicine”.

Member of the Editorial Board of the medical journal “Enliven: Clinical Cardiology and Research”.

## **PEER REVIEWS:**

Reviewer for Elsevier order sets on the topic of “Cardiac Arrest Targeted Temperature Management (Hypothermia)” (2017).

Reviewer of Abstracts for the Transcatheter Cardiovascular Therapeutics Conference-2017 (TCT 2017).

Reviewer for Elsevier order sets on the topic of “Chest Pain” (2017).

Reviewer for Elsevier order sets on the topic of “Advanced Cardiac Life Support (ACLS)” (2017).

Reviewer of medical manuscripts for the medical journal “Scientific Reports”.

Reviewer of medical manuscripts for the medical journal “Expert Review of Cardiovascular Therapy”.

Reviewer of medical manuscripts for the medical journal “Lipid Insights”.

Reviewer of medical manuscripts for the medical journal “Nutrition and Metabolic Insights”.

Reviewer of medical manuscripts for the medical journal “Clinical Medicine Insights: Cardiology”.

Reviewer of medical manuscripts for the medical journal “Clinical Medicine Reviews in Cardiology”.

Reviewer of Abstracts for the Transcatheter Cardiovascular Therapeutics Conference-2015 (TCT 2015).

Reviewer of medical manuscripts for the medical journal “Enliven: Clinical Cardiology and Research”.

Reviewer of medical manuscripts for the medical journal “International Journal of Cardiology and Cardiovascular Research”.

Reviewer of Abstracts for the Transcatheter Cardiovascular Therapeutics Conference-2014 (TCT 2014).

Reviewer for Elsevier InOrder™ order sets on the topic of “Cardiac Arrest Hypothermia Protocol” (2014).

Reviewer for Elsevier InOrder™ order sets on the topic of “Dyslipidemia” (2013).

Reviewer for Elsevier InOrder™ order sets on the topic of “Advanced Cardiac Life Support (ACLS)” (2013).

Reviewer for Elsevier InOrder™ order sets on the topic of “Acute Coronary Syndrome” (2013).

## **BIBLIOGRAPHY**

### **Original Articles and Reviews:**

Alkan M, Madanieh R, Shah NN, Dogar MU, Shah PN, Ishtiaq S, **Kosmas CE**, Vittorio TJ: **Regenerative stem cell therapy optimization via tissue engineering in heart failure with reduced ejection fraction.**

Cardiovasc Eng Technol 2017;8(4):515-526.

**Kosmas CE**, DeJesus E, Morcelo R, Garcia F, Montan PD, Guzman E: **Lipid-lowering interventions targeting proprotein convertase subtilisin/kexin type 9 (PCSK9): an emerging chapter in lipid-lowering therapy.**

Drugs Context 2017;6:212511.

**Kosmas CE**, Morcelo R, Martinez I, Rosario D, Hernandez N, Montan PD, Guzman E: **Pattern of non-adherence to statins in patients of Dominican descent in an outpatient setting.**

Enliven: Clin Cardiol Res 2017;4(1):001.

**Kosmas CE**, Martinez I, Morcelo R, Fabian W, Montan PD, Guzman E: **Autosomal recessive hypercholesterolemia: a rare cause of familial hypercholesterolemia.**

Biomed J Sci & Tech Res 2017;1(5):1-3. DOI: 10.26717/BJSTR.2017.01.000466.

Shah N, Madanieh R, Kan MA, Dogar MU, **Kosmas CE**, Vittorio TJ: **A perspective on diuretic resistance in chronic congestive heart failure.**

Ther Adv Cardiovasc Dis 2017;11(10):271-278.

**Kosmas CE**, DeJesus E, Sourla E, Morcelo R, Montan PD, Guzman E: **Effects of statins on cardiovascular outcomes in patients with chronic kidney disease.**

Clin Med Insights Ther 2017;9:1-5. DOI: 10.1177/1179559X17719029.

**Kosmas CE**, Arjona C, DeJesus E, Rosario D, Tsomidou C, Vittorio TJ, Guzman E: **Alirocumab in the treatment of hypercholesterolemia.**

Clin Med Rev Ther 2017;9:1-5. DOI: 10.1177/1179255817690768.

Patel H, Alkhawam H, Madanieh R, Shah N, **Kosmas CE**, Vittorio TJ: **Aerobic vs anaerobic exercise training effects on the cardiovascular system.**

World J Cardiol 2017;9(2):134-138.

**Kosmas CE**, DeJesus E, Rosario D, Vittorio TJ: **CETP inhibition: past failures and future hopes.**

Clin Med Insights Cardiol 2016;10:37-42.

Madanieh R, El-Hunjul M, Alkhawam H, **Kosmas CE**, Madanieh A, Vittorio TJ: **A perspective on sympathetic renal denervation in chronic congestive heart failure.**

Heart Fail Rev 2016;21(1):1-10.

Madanieh R, Mathew S, Shah P, Vatti SK, Madanieh A, **Kosmas CE**, Vittorio TJ: **Cardiac magnetic resonance imaging might complement two-dimensional echocardiography in the detection of a reversible nonischemic cardiomyopathy.**

Clin Med Insights Case Rep 2015;8:109-114.

Choi KJ, Tsomidou C, Lerakis S, Madanieh R, Vittorio TJ, **Kosmas CE**: **Lipid interventions in aortic valvular disease.**

Am J Med Sci 2015;350(4):313-319.

Vatti SK, Madanieh R, Madanieh A, **Kosmas CE**, Vittorio TJ: **Cardiovascular benefits of testosterone replacement therapy in the andropausal male.**

Health 2015;7(9):1206-1214.

**Kosmas CE**, DeJesus E: **Proprotein convertase subtilisin/kexin type 9 inhibitors: an emerging chapter in the field of clinical lipidology.**

Enliven: Clin Cardiol Res 2015;2(1):e1.

Patel H, Madanieh R, **Kosmas CE**, Vatti SK, Vittorio TJ: **Reversible cardiomyopathies.**

Clin Med Insights Cardiol 2015;9(Suppl 2):7-14.

Patel H, Madanieh R, **Kosmas CE**, Vatti SK, Vittorio TJ: **Complications of continuous-flow mechanical circulatory support devices.**

Clin Med Insights Cardiol 2015;9(Suppl 2):15-21.

**Kosmas CE**, Frishman WH: **New and emerging LDL cholesterol-lowering drugs.**

Am J Ther 2015;22(3):234-241.

Christodoulidis G, Vittorio TJ, Fudim M, Lerakis S, **Kosmas CE**: **Inflammation in coronary artery disease.**

Cardiol Rev 2014;22(6):279-288.

**Kosmas CE**, Christodoulidis G, Cheng JW, Vittorio TJ, Lerakis S: **High-density lipoprotein functionality in coronary artery disease.**

Am J Med Sci 2014;347(6):504-508.

Vittorio TJ, Fudim M, Wagman G, **Kosmas CE**: **Alpha-1 adrenoceptor-angiotensin II type 1 receptor cross-talk and its relevance in clinical medicine.**

Cardiol Rev 2014;22(2):51-55.

Akhabue E, Thiboutot J, Cheng JW, Vittorio TJ, Christodoulidis G, Grady KM, Lerakis S, **Kosmas CE**: **New and emerging risk factors for coronary heart disease.**

Am J Med Sci 2014;347(2):151-158.

**Kosmas CE**, Alkhawam H, El-Hunjul M, Wagman G, Kahn MR, Grady KM, Vittorio TJ: **Statin-mediated low-density lipoprotein lowering in chronic congestive heart failure.**

Am J Med Sci 2014;347(1):14-22.

Mathew S, **Kosmas CE**, Siegel RR, Vittorio TJ: **Toxicity of abdominal fat.**

Health 2013;5(8A3):96-99.

Savino JA 3rd, **Kosmas CE**, Wagman G, Vittorio TJ: **Evolution of the chronic congestive heart failure paradigm.**

Cardiol Rev 2013;21(3):121-126.

Kahn MR, **Kosmas CE**, Wagman G, Serrao GW, Fallahi A, Grady KM, Vittorio TJ: **Low-density lipoprotein levels in patients with acute heart failure.**

Congest Heart Fail 2013;19(2):85-91.

Dangas G, O'Connor D, Firwana B, Brar S, Ellozy S, Vouyouka A, Arnold M, **Kosmas CE**, Krishnan P, Wiley J, Suleman J, Olin J, Marin M, Faries P: **Open versus endovascular stent graft repair of abdominal aortic aneurysms: a meta-analysis of randomized trials.**

JACC Cardiovasc Interv 2012;5(10):1071-1080.

Lanier GM, Vaishnav P, **Kosmas CE**, Wagman G, Heinsch R, Vittorio TJ: **An update on diastolic dysfunction.**

Cardiol Rev 2012;20(5):230-236.

Wagman G, Fudim M, **Kosmas CE**, Panni RE, Vittorio TJ: **The neurohormonal network in the RAAS can bend before breaking.**

Curr Heart Fail Rep 2012;9(2):81-91.

Charitos C, Nanas JN, Nanas SN, Chatzigeorgiou I, Alevizakos N, **Cosmas K**, Mouloupoulos SD: **Right and left ventricular interaction in ventricular fibrillation with mechanical maintenance of the circulation.**

J Cardiovasc Surg (Torino) 1998;39(3):363-366.

**Kosmas CE**, Mallozzi M, Moten M, Banka VS: **Clinical symptomatology of coronary artery disease and results of exercise thallium scintigraphy: gender-related differences.**

Indian Heart J 1997;49(5):497-501.

**Kosmas CE**, Ryder RG, Poon MJ, Zelenkofske SL, Banka VS: **Time-limited efficacy of pacing electrodes following open heart surgery.**

Indian Heart J 1996;48(6):681-684.

**Kosmas CE**, Dalessandro DA, Langieri G, Rubin AM, Rials SJ, Marinchak RA, Kowey PR: **Monomorphic right ventricular tachycardia in a patient with mitral valve prolapse.**

Pacing Clin Electrophysiol 1996;19(4 Pt I):509-513.

**Kosmas CE**, Mazuz M, Rubin AM, Marinchak RA, Kowey PR: **Wide complex tachycardia in a man with coronary artery disease.**

Choices in Cardiology 1995;9(1):15.

**Kosmas CE**, Rubin AM, Rials SJ, Marinchak RA, Kowey PR: **Abnormal rhythm strip in a man with heart failure and ventricular tachycardia.**

Choices in Cardiology 1994;8(7):205.

Nanas JN, Charitos C, Poyiadjis A, Anastasiou-Nana M, **Cosmas C**, Alevizakos N, Laoutidis G, Mouloupoulos S: **Maintenance of circulation during ventricular fibrillation with the simultaneous use of two "counterpulsation" devices.**

ASAIO Trans 1990;36(3):M395-M397.

## **Original Articles and Reviews Written in Greek with English Summary:**

**Kosmas CE, DeJesus E, Rosario D, Arjona C, Tsomidou Ch: **PCSK9 inhibitors: a new chapter in lipid-lowering therapy.****

Iatriki 2015;104(5):252-256.

**Kosmas CE, Tsomidou Ch, Lerakis, S: **C-reactive protein, lipoprotein (a), homocysteine and lipoprotein-associated phospholipase A2 as risk factors for coronary heart disease.****

Iatriki 2012;101(6):395-400.

**Kosmas CE, Skliros D, Tsomidou Ch: **The role of omega-3 fatty acids in cardiovascular disease.****

Iatriki 2012;101(1):16-27.

**Kosmas CE, Philippou C: **HDL functionality: a new chapter in the field of clinical lipidology.****

Iatriki 2011;100(5-6):247-252.

Poyiadjis A, Nanas J, Nanas S, Charitos C, Kontoyiannis D, Melkaoui A, **Cosmas C**, Mouloupoulos SD: **Hemodynamic effects of the simultaneous use of para-aortic counterpulsation device and intra-aortic balloon pump in graded heart failure.**

Hell Cardiol Rev (Athens) 1990;31:18-25.

## **Book Contributions:**

**Kosmas CE**, DeJesus E, Rosario D, Tsomidou C, Vittorio TJ, Guzman E: **Lipids: Metabolism, Structure, Functionality, Hyperlipidemia and its Treatment.** In: Monographs in Clinical Diagnosis: Volume I. Family and Community Health. TeledEdu, USA, 2016 (E-book).

Madanieh R, Shah N, Alkan M, **Kosmas CE**, Vittorio TJ: **Congestive Heart Failure.** In: Monographs in Clinical Diagnosis: Volume I. Family and Community Health. TeledEdu, USA, 2016 (E-book).

**Kosmas CE**: Contributor in “**Review of obesity and bariatric surgery: Essential notes and multiple choice questions**”, Kini S and Rao R (eds.). London, New York: Informa Healthcare, 2012.

**Kosmas CE**, Banka VS: **Non-surgical coronary revascularization: Evolution of catheter-based techniques and role of the plain-old balloon angioplasty.** In Munjal YP (ed.): Medicine Update 1997. New Delhi, The Association of Physicians of India, 1997:98-107.

## **Abstracts:**

**Kosmas CE**, Mallozzi M, Moten M, Banka VS: **Clinical symptomatology of coronary artery disease is less predictive of a positive exercise thallium test in women than in men.** J Investig Med 1996; 44(3):285A.

Banka VS, **Kosmas CE**, Sharma V: **Additive antiproliferative effects of calcium channel antagonist, HMG Coenzyme A reductase inhibitor and angiotensin converting enzyme inhibitor on human coronary smooth muscle cells.** J Investig Med 1996; 44(3):315A.

Sharma V, **Kosmas CE**, Banka VS: **Anti-proliferative effect of simvastatin on human coronary smooth muscle cells: comparison with lovastatin.** Circulation 1995; 92[suppl I]:I-18.

**Kosmas CE**, Mallozzi M, Banka VS, Moten M: **Clinical symptomatology is less predictive of coronary artery disease in women than in men.** J Investig Med 1995; 43[suppl 2]:405A.

**Kosmas CE**, Ryder RG, Poon MJ, Banka VS, Zelenkofske SL: **Usefulness of pacing electrodes following open heart surgery.** 2nd Scientific Conference of the Association of Cardiovascular Surgeons of Ukraine, Kiev, 1994, page 172.

Nanas J, Charitos C, Poyiadjis A, Nanas S, Kontoyiannis D, **Cosmas C**, Mouloupoulos S: **Maintenance of circulation during ventricular fibrillation with the simultaneous use of two “counterpulsation” devices.** American Society for Artificial Internal Organs, 36th Annual Meeting, Washington, D.C., 1990, Page 52.

Nanas J, Poyiadjis A, Kontoyiannis D, Melkaoui A, Stamatopoulos G, Charitos C, Nanas S, **Cosmas C**, Mouloupoulos S: **Hemodynamic effects of the simultaneous use of two counterpulsation devices in graded heart failure.** 10<sup>th</sup> Hellenic Congress of Cardiology, Athens, 1988, page 63. [In Greek].

## ALTERNATIVE MEDIA

### Internet:

1997 – 2001

Member of the Expert Panel in Cardiovascular Disease at the Pharmaceutical Information Network (<http://www.pharminfo.com/>)

*The Pharmaceutical Information Network was a healthcare website with a mission to improve healthcare by delivering products and services that provided reliable digital clinical data and up-to-date information to healthcare professionals and consumers. Expert panels from different medical specialties participated in on-line clinical discussions with other medical professionals and answered on-line medical questions from patients all over the world.*

### Television:

2011 – 2014

**Host of the Medical Program “Health Concerns”**, sponsored by the Mount Sinai Medical Center on the 24-hour National Greek Television Channel (NGTV-Channel 545) in New York

*The Medical Program “Health Concerns”, sponsored by the Mount Sinai Medical Center, included discussions with experts from different medical specialties regarding topics of interest within their area of expertise. The experts also answered live call-in questions from the television audience. [In Greek].*

2008 – 2010

**Host of the Medical Program “Hippocrates’ Forum”**, sponsored by the Cardiovascular Group “Cardiovascular Associates of New York” and the Lenox Hill Hospital on the 24-hour National Greek Television Channel (NGTV-Channel 545) in New York

*The Medical Program “Hippocrates’ Forum”, sponsored by the Cardiovascular Group “Cardiovascular Associates of New York” and the Lenox Hill Hospital, included discussions with experts from different medical specialties regarding topics of interest within their area of expertise. The experts also answered live call-in questions from the television audience. [In Greek].*

2004 – 2008

**Host of the Medical Program**, sponsored by the Kyrenia Cardiovascular Center and the New York Hospital Queens on the 24-hour National Greek Television Channel (NGTV-Channel 545) in New York

*The Medical Program, sponsored by the Kyrenia Cardiovascular Center and the New York Hospital Queens, included discussions with experts from different medical specialties regarding topics of interest within their area of expertise. The experts also answered live call-in questions from the television audience. [In Greek].*

2000 – 2002

**Guest Specialist in Cardiovascular Disease** on the Medical Program, sponsored by the Kyrenia Cardiovascular Center and the New York Hospital Queens on the 24-hour National Greek Television Channel (NGTV-Channel 545) in New York

Cardiovascular topics included:

**Heart Murmurs** (3/27/2002)

**Syncope** (1/16/2002)

**Acute Myocardial Infarction** (11/14/2001)

**Hypercholesterolemia** (10/24/2001)

**Cardiac Pacemakers** (6/20/2001)

**Valvular Heart Disease – Cardiac Arrhythmias – Hypertension** (5/16/2001)

**Management of patients with acute myocardial infarction after discharge from the hospital** (2/28/2001)

**Effect of extreme weather conditions on patients with coronary artery disease** (12/27/2000)

**Endocarditis – Pericarditis** (11/15/2000)

**Atrial Fibrillation** (10/18/2000)

**Heart Failure** (10/11/2000)

**Coronary Artery Disease – Cardiac Arrhythmias** (9/13/2000)

10/2/2001

**Guest Specialist in Cardiovascular Disease** on the medical program “Correct Motion—Better Health” on the 24-hour National Greek Television Channel (NGTV-Channel 545) in New York

*The medical program “Correct Motion—Better Health”, sponsored by the physical therapists Dimitrios Kostopoulos, PT, PhD and Konstantine Rizopoulos, PT, FABS and the organization Hands-On Physical Therapy, PC, included discussions with experts from related medical specialties regarding topics of interest within their area of expertise. The experts also answered call-in questions from the television audience. [In Greek].*

**Subject: Coronary Artery Disease**

**Radio:**

5/3/2014

**Guest Specialist in Cardiovascular Disease** on the medical program “*Health and Life*” on the Greek–American radio station COSMOS FM (WNYE 91.5 FM – New York)

*The medical radio program “Health and Life” is an informative series on various medical issues. In addition, medical news are presented and medical advice is given by experts from different medical specialties. [In Greek].*

**Subject: The significance of HDL Cholesterol**

2/26/2011 and 3/7/2009

**Guest Specialist in Cardiovascular Disease** on the medical program “*Health and Life*” on the Greek–American radio station COSMOS FM (WNYE 91.5 FM – New York)

**Subject: Coronary Artery Disease**

9/23/2000

**Guest Specialist in Cardiovascular Disease** on the medical program “*Praise of Health*” on the bilingual Greek–American radio station AKTINA FM (WNYE 91.5 FM – New York)

*The medical radio program “Praise of Health” was an informative series on various medical issues. Experts from different medical specialties discussed topics of interest within their area of expertise and answered live call-in questions from the radio audience. [In Greek and English].*

**Subject: Coronary Artery Disease**

**Newspapers - Magazines:**

2012 – 2013

**Regular contributor** to the medical column “*Health Tribune*” in the “*Magazine*” of the Greek–American newspaper “*The National Herald*”. [In Greek].

2/2002

Article entitled “**Coronary artery disease – Etiology, symptoms and treatment**” in “*Eseis*”, a Greek–American magazine. [In Greek].

11/11-12/2000

Article entitled “**What is Coronary Artery Disease**” in “*Proini*”, an Independent Greek–American daily newspaper. [In Greek].