

## **CURRICULUM VITAE**

**Efstathios- Andreas AGATHOS**  
**MD, PhD, FRCS, FACS, FICS, FETCS, LFIBA, DG, DDG**

**NAME:** Efstathios-Andreas AGATHOS  
**DATE OF BIRTH:** August 9, 1960  
**NATIONALITY:** Greek  
**PRESENT ADDRESS** October 28<sup>th</sup>, no 10, Filothei, 152 37 Athens  
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**EDUCATION/CERTIFICATION/TITLES**

<b>1984</b>	<b>MD</b>	<b>University of Patras, Greece</b>
<b>1991</b>	<b>PhD</b>	<b>University of Athens, Greece</b>
<b>1991</b>	<b>FRCS</b>	<b>Fellow Royal College of Surgeons of Edinburgh</b>
<b>1995</b>	<b>FICS</b>	<b>Fellow International College of Surgeons, USA</b>
<b>1995</b>		<b>Greek National Boards of Thoracic Surgery</b>
<b>2000</b>	<b>FETCS</b>	<b>Fellow European Thoracic and Cardiovascular Surgery</b>
<b>2001</b>	<b>FACS</b>	<b>Fellow American College of Surgeons</b>
<b>2002</b>	<b>LFIBA</b>	<b>Life Fellow International Biographical Association</b>
<b>2002</b>	<b>DG</b>	<b>Deputy Governor: American Biographical Institute</b>
<b>2002</b>	<b>DDG</b>	<b>Deputy Director General: International Biographical Association</b>

**CARDIOTHORACIC SURGERY STATUS/TRAINING:**

<b>Oct. 1999-present</b>	<b>Consultant Cardiac Surgeon Athens Medical-Psychico Clinic, Athens Medical Center Athens-Greece</b>
<b>Oct. 1995-Sept. 1999</b>	<b>Consultant Cardiac Surgeon General Clinic, «Ygeia» Hospital Athens, Greece</b>
<b>Feb. 1995-Sept. 1995:</b>	<b>Clinical Associate in Cardiac Surgery Baystate Medical Center Tufts Medical School Springfield, MA 01199, USA</b>
<b>April 1993-March 1995:</b>	<b>Fellow in Cardiothoracic Surgery</b>

**Massachusetts General Hospital  
Harvard Medical School  
Boston, MA 02114, USA**

**Jan. 1992-March 1993: Visiting Professor of Cardiothoracic Surgery  
Albert Starr Academic Center for  
Cardiothoracic Surgery  
Portland, OR 97218, USA**

**1985-1991: Residency  
Brompton, London Chest, St Mary's  
University of London, London, UK  
Hippokration, Athens, Greece**

**MEDICAL LICENCURE:**

**USA Full Massachusetts License ( 80694 )**

**UK Full Registration ( 3346611 )  
GMC Specialist registration: Cardiothoracic Surgery**

**GREECE Full Registration ( 25835 )**

**OTHER TITLES/ CERTIFICATIONS/ AWARDS**

**2004 Master Diploma in Cardiothoracic Surgery by  
World Academy of Letters**

**2002 Research Board of Advisors  
American Biographical Institute**

**2001 Fellow of the American College of Surgeons**

**1998 Active Member of the International Society for  
Cardiovascular Surgery-European Chapter**

**1997 Active Member of the European Association  
For Cardiothoracic Surgery**

**1995 Active Member of the Greek Society of Thoracic  
Surgery**

- 1988** Associate Member of the Hellenic Vascular Surgical Association
- 1984** First Class Honors in MD, University of Patras
- 1978-1984** Four Scholarships by the Greek National Grant Organization during MD studies

**RESEARCH EXPERIENCE:**

- 2010** World Patent Application: PCT/GR2010/000050  
“Support System of Bioprosthetic Valves With A Heart Shape Commissural Post”
- 2010** Greek Patent, No 1007028  
“Support System of Bioprosthetic Valves With A Heart Shape Commissural Post”
- 2009** Greek Patent, No 1006462  
“A Novel Bioprosthetic Trachea Derived From Seal Trachea”
- 2007** Greek Patent, No 1005718  
“Human Cardiac Valve Replacement With Seal Cardiac Valve (Aortic or Pulmonary)”
- 2000** US Patent, No 6,165,216, Dec. 26, 2000  
“Human Cardiac Valve Replacement with Marine Mammal Ventricular Outflow ( aortic or pulmonary ) Valve
- 1988** PhD: University of Athens  
( Harvard Medical School recognised )  
Thesis entitled: “The Role of Calcitonin and Parathormone During the Transient Hypocalcemia Following Total Thyroidectomy”

**REVIEWER**

- 2011** Journal of Biomaterials Applications  
Journal of Pulmonary & Respiratory Medicine
- 2013** Latvian Science Council

## **ACTIVITIES/INTERESTS:**

**Swimming, spearfishing, diving, snow/water skiing, cricket, chess, piano.**

**Foreign Languages: English, French, Italian**

**1985: Military Service in Greek Airforce**

**1974-1977: Swimming Champion in Greece**

**2000: 2<sup>nd</sup> place world spearfishing championship, La Paz, Mexico**

## **PUBLICATIONS**

- 1. AGATHOS EA "The Role of Calcitonin and Parathormone During the Transient Hypocalcemia Following Total Thyroidectomy" University of Athens; 1988: 1-58**
- 2. AGATHOS EA, Lianis P, Chanoun G, Kontaxakis K "Ectopic Gastric Tissue in a Young Adult" Iatrika Chronika; Vol 11.11, Nov 1988: 949-51**
- 3. AGATHOS EA, Pappa M, Papadopoulos O, Kontaxakis K "Ring Type Adenocarcinoma of Small Intestine. Case Report and Bibliographic Reference" Iatrika Chronika; Vol 11.9, Sept 1988: 867-71**
- 4. AGATHOS EA, Starr "Mitral Valve Replacement" Current Problems in Surgery; Vol XXX, June 1993: 481-600**
- 5. AGATHOS EA, Starr A "Aortic Valve Replacement" Current Problems in Surgery; Vol XXX; July 1993: 601-720**
- 6. AGATHOS EA, Hussein A, Trehan H, Trenholme S, Floten S "Traumatic Pseudoaneurysm of Left Internal Mammary Artery Graft" Ann Thorac Surg 1993; 56: 966-8**
- 7. AGATHOS EA, King D, Starr A "Valve Repair for Mitral Insufficiency in the Aging Population" Greek Journal of Clin Pathology; Vol 9-11, No 39-41, Dec 1994: 8-11**
- 8. AGATHOS EA, Moran M, Mangion J, Engelman RM, Rousou JA. "Diverticula" of Anterior Mitral Valve Leaflet as a Cause of Subvalvular Aortic Stenosis J Heart Valve Dis 1996:Vol.5, No3, 309-11**
- 9. J Rousou, R Engelman, J Flack III, D Deaton, A AGATHOS, J Garb, S Owen "Does the presence of carotid disease predispose to stroke during normothermic coronary revascularization?" *Cardiovascular Surgery* vol. 4 issue 5 October, 1996. p. 665**

10. AE Petropoulos, ML Cheney, EA AGATHOS, A Lamothe «A Peripatetic Pancreatic Pseudocyst in the Neck» J of Otolaryngology 2000: Vol 29, No 4, 247-250
11. EA AGATHOS, GP Hatziantoniou, GI Kontogiannis, GT Mastrokostopoulos, BI Michalev, PN Petropoulakis «Giant Chronic Dissecting Aneurysm of the Ascending Aorta Type II Following Multiple Open Heart Operations» Hellenic J Cardiology 2001: Vol 42, 48-52
12. K Vourdami, L Stergiou, C Priftis, J Ziotis, B Lepenos, G Kontogiannis, EA AGATHOS, D Papantonatos «A Study of Factors Influencing the Duration of Mechanical Ventilation Following CABG» Nosokomiaka Chronika 2002: Vol 64, 283
13. EA AGATHOS, P Siderakis, G Kontogiannis, B Lepenos, J Boulgaris, L Stergiou, D Papantonatos «Total Hypothermic Arrest for Redo Tricuspid Valve Replacement» Syghroni Iatriki Enimerosi 2002: Vol 8, 65-67
13. C Priftis, L Stergiou, EA AGATHOS, D Papantonatos «Pulmonary Embolism» Syghroni Iatriki Enimerosi 2003: Vol 10, 29-38
14. EA AGATHOS «Developments in Cardiac Surgery» Syghroni Iatriki Enimerosi 2003: Vol 10, 45-51
15. Stergiou L, AGATHOS EA, Priftis C, Papantonatos D “Surgical treatment of infective endocarditis” Medical Annals 2004: Vol 27, 558-560
16. EA AGATHOS, S Fregoglou, A. Katsianis, P. Siderakis, N, Drakopoulou “Chronic Pulmonary Embolism” Journal of Cardiac Surgery; Vol 24, issue 3, pp 317-8, April 2009
17. EA AGATHOS, P Tomos, E. Lachanas. H Gakiopoulou, A Pantopoulou, D Perrea “Experimental replacement of pig trachea with novel bioprosthesis from Harp Seal” Asian Cardiovascular & Thoracic Annals; Vol. 18, No. 6, pp 557-562, Dec. 2010
18. P Tomos, G Karagiouzis, P Paraskeva, E Spartalis, E Lachanas, TP Vassilakopoulos, EA AGATHOS “Three-Dimensional Imaging of a Ductus Arteriosus Aneurysm in an Adult” Ann Thorac Surg 2011; 91:931
19. EA AGATHOS, M Shen, M Katsiboulas, P Koutsoukos, G Gloustanou "In vivo calcification of glutaraldehyde fixed cardiac valve and pericardium of Phoca Groenlandica" ASAIO Journal; 57(4):328-332, July/August 2011
20. EA AGATHOS, E. Lachanas, G. Karagiouzis, E. Spartalis, P. Tomos “Cardiopulmonary bypass-assisted resection of mediastinal masses” Journal of Cardiac Surgery; Volume 27, Issue 3, pages 338–341, May 2012

21. EA AGATHOS, M Shen, W Styrac, S Giannakopoulou, E Lachanas, P Tomos “Hydrodynamic performance of a prototype bioprosthetic valve derived from the pulmonary valve of *Phoca Groenlandica*”  
ASAIO Journal; 58(5):535-539, September/October 2012.
22. P Tomos, E Lachanas, EA AGATHOS, L Grigorakos “Pulmonary aspergillosis in chronic Leflunomide treatment” Surgical Infections.  
August 2012, 13(4): 282-283
23. C Markakis, P Tomos, E Spartalis, P Lampropoulos, L Grigorakos, D Dimitroulis, E Lachanas, EA AGATHOS  
“The Belsey Mark IV: an operation with an enduring role in the management of complicated hiatal hernia”  
BMC Surgery 2013, 13:24

## PRESENTATIONS

1. Pierakakis S, Petousis G, Xepapadakis G, AGATHOS EA, Giomisis Th, Philippakis M “A study of endogenous proteases inactivation in acute pancreatitis” 13th Hellenic Medical Conference; Athens; May 5-9, 1987

2. **AGATHOS EA, Babos A, Athanasiou P, Viskos D, Pararas G, Philippakis M** “Transient Hypocalcemia After Total Thyroidectomy” 16th Hellenic Medical Association Conference; Athens; Oct 2-5, 1988
3. **AGATHOS EA, Papadopoulos O, Lianis P, Pararas G, Poulangas N, Philippakis M** “Study of Serum Thyroglobulin Changes After Total Thyroidectomy” 16th Hellenic Medical Association Conference; Athens; Oct 2-5, 1988
4. **Feretis D, Nissiotis Th, AGATHOS EA, Koutsikou M** “Endoscopic Sphincterectomy. An Analysis of 161 Patients” Days of Gastroenterology; Cyprus; June 10-15, 1988
5. **Starr A, AGATHOS EA** St Vincent’s Heart Institute, Portland, Oregon, USA “New Trends in Cardiac Surgery” Cardiovascular Update; Anchorage Alaska; Feb 19-20, 1993
6. **AGATHOS EA, Torchiana DF, Buckley MJ, Daggett WM, Vlahakes G, Hilgenberg A, Austin G.** Massachusetts General Hospital, Harvard Medical School, Boston, USA “Mitral Valve Replacement for Postinfarction Papillary Muscle Rupture” 1<sup>st</sup> Panhellenic Cardiovascular and Thoracic Surgical Meeting; Athens; Dec 1-4, 1995
7. **John A. Rousou, Richard M. Engelman, Joseph E. Flack, David W. Deaton, Pankaj Kulshrestha, E. ANDREAS AGATHOS, Susannah Owen.** “The Combination of Warm Preservation and Total Retention of Mitral Apparatus Leads to Improved Results in Mitral Valve Replacement” Baystate Medical Center, Tufts Medical School, Springfield, Massachusetts, USA American College of Surgeons, San Francisco, Oct 25 1996
8. **Rousou JA, Engelman RM, Flack JE III, Deaton DW, AGATHOS EA, Garb JL, Owen SG.** Baystate Medical Center, Tufts Medical School, Springfield, MA, USA. “Does the Presence of Untreated Carotid Artery Disease Predispose to Stroke During Normothermic Coronary Revascularization? Poster Presentation at ISCVS meeting, June 1996, Chicago, IL, USA
9. **EA AGATHOS, J. Ambrus, J. Kalgreen, D. McTavish, M. Ogle, R. Schroeder, W. Mirsh** «Ygeia» Hospital, Athens-Greece & St. Jude Medical, Inc., Minneapolis-USA «Anatomy and Performance Of Bioprosthetic Heart Valves From Grey Seals» 1<sup>st</sup> International Congress of Thorax Surgery, Athens, July 1-8 1997
10. **EA AGATHOS, J Anbrus, J Kalgreen, D McTavish, M Ogle, R Schroeder, W Mirsh** St Jude Medical, Inc., Minneapolis-USA «Structure and Function of Bioprosthetic Heart Valves from Grey Seals» 47<sup>th</sup> International Congress of the European Society for Cardiovascular Surgery, Paris-France, September 26-29, 1998
11. **AE Petropoulos, ML Cheney, EA AGATHOS, A Lamothe** «A Peripatetic Mysterious Neck Mass» Poster Presentation at the Annual Meeting of the Canadian Society of Otolaryngology Toronto, Canada, May 28, 2000
12. **EA AGATHOS** «Surgical Revascularization in the Elderly Patients» Hellenic Cardiological Society Athens, March 1-4, 2000



13. L Stergiou, EA AGATHOS, D Ahtipis, B Lepenos, P Kanatas, D Papantonatos « A Study of the QT Wave Dispersion Following Aortocoronary Operation» 7<sup>th</sup> Annual Meeting of the Hellenic Society of Internal Medicine Athens, October 16-20, 2001
14. L Stergiou, K Vourdami, B Lepenos, G Kontogiannis, C Priftis, EA AGATHOS, D Papantonatos “Clinical and Epidemiological Features of Young and Elder Patients Undergoing Cardiac Surgery” 15<sup>th</sup> Annual Congress of Intensive Care Medicine, Barcelona, Spain, Sep 29-Oct 2, 2002
15. L Stergiou, C Priftis, C Pavlopoulos, V Lepenos, V Tanou, EA AGATHOS, D Papantonatos «Magnesium administration following CABG reduces the incidence of atrial fibrillation» Panhellenic Congress on Intensive Care Management Athens, October 17-19, 2003
16. L Stergiou, C Priftis, V lepenos, G Efstathiou, P Christodoulou, EA AGATHOS, D Papantonatos «Prognostic Factors of Neurologic Events Following CABG» Panhellenic Congress on Intensive Care Management Athens, October 17-19, 2003
17. L Stergiou, G Dounis, C Priftis, B Tanou, G Efstathiou, P Christodoulou, B Lepenos, EA AGATHOS, D Papantonatos «Nosokomial Prognosis and Postoperative Complications in Diabetic Patients Following CABG» 8<sup>th</sup> Panhellenic Congress in Dabetes, Athens, March 12-16, 2003
18. G Dounis, L Stergiou, C Priftis, G Efstathiou, B Tanou, P Christodoulou, EA AGATHOS, D Papantonatos «Clinical, Epidemiological and Angiographic Findings in Diabetic Patients Undergoing CABG» 8<sup>th</sup> Panhellenic Congress in Diabetes, Athens, March 12-16, 2003
19. L Stergiou, C Priftis, C Pavlopoulos, V Lepenos, EA AGATHOS, D Papantonatos “Clinical and epidemiological parameters of patients undergoing repeat revascularization of coronaries arteries” 5<sup>th</sup> Panhellenic and 2<sup>nd</sup> Balcan Congress in Cardiothoracic and Vascular Surgery, Athens, October 21-23, 2004
20. EA AGATHOS “Native valve endocarditis; Replacement or repair?” 5<sup>th</sup> Panhellenic and 2<sup>nd</sup> Balcan Congress in Cardiothoracic and Vascular Surgery, Athens, October 21-23, 2004
21. L Stergiou, C Priftis, D Dimitroulis, C Pavlopoulos, V Lepenos, EA AGATHOS, D Papantonatos “The role of extracorporeal circulation in the diastolic function of left ventricle following aortocoronary bypass operation” 5<sup>th</sup> Panhellenic and 2<sup>nd</sup> Balcan Congress in Cardiothoracic and Vascular Surgery, Athens, October 21-23, 2004
22. L Stergiou, C Priftis, S Giassas, I Giotis, EA AGATHOS, D Papantonatos “Aortocoronary Bypass operation and Left Main Disease: Surgical Complication and Outcome” 10<sup>th</sup> Panhellenic Congress of Intensive Care, Athens, October 14-16, 2005.

23. EA AGATHOS. “ Milestones in Bioprosthetic Cardiac Valve Replacement”  
5<sup>th</sup> Annual Meeting of Hellenic Society of Extracorporeal Circulation,  
Athens, May 5, 2006.
24. S Fregoglou, EA AGATHOS “Three Years Old Progressive Dyspnoea”. Case  
Presentation, 16<sup>th</sup> Panhellenic Congress of Respiratory Disease, Athens,  
December 6-9, 2007 Poster Presentation.
25. EA AGATHOS, P Tomos, E Lachanas, S Kirkalos, A Pantopoulou, D Perrea.  
“Allotransplantation of pig tracheas with seal’s trachea”, 7<sup>th</sup> Panhellenic  
Congress of Cardiothoracic Surgery, Thessaloniki, November 28-30, 2008.
26. EA AGATHOS, E. Lachanas, E. Spartalis, A. Papaharalambous, G.  
Karagiouis, C. Markakis, M. Douskou, P. Tomos “The role of  
extracorporeal circulation in the resection of mesenchymal neoplasm of the  
mediastinum encircling the right pulmonary artery” Lung Cancer  
symposium, Corfu, Greece, June 10-13, 2010.
27. EA AGATHOS, M. Shen, M. Katsiboulas, P. Koutsoukos “A comparative  
study of in vivo calcification of cardiac valve and pericardium of Phoca  
Groenlandica versus bovine pericardium in a rat subdermal implantation  
model”, 8<sup>th</sup> Panhellenic Congress of Cardiothoracic Surgery, Athens,  
November 18-20, 2010.
28. EA AGATHOS, M. Shen, W. Styr, S. Giannakopoulou, E. Lachanas, I.  
Tomos, P. Tomos. “Hydrodynamic analysis of a novel bioprosthetic valve  
derived from the pulmonary valve of Phoca Groenlandica”, 8<sup>th</sup> Panhellenic  
Congress of Cardiothoracic Surgery, Athens, November 18-20, 2010.