

## CURRICULUM VITAE

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Athens, Greece  
Date of Birth: 19 November 1950  
Marital status: Married, 5 children

### EDUCATION

#### a) CREDENTIALS - TITLES

- Athens Univers. Medical School 1/10/69-1/9/1975  
MEDICAL DIPLOMA (MEDICINE, VERY GOOD 8<sup>4</sup>/<sub>19</sub>) 11/1975
- Ministry of Health  
PRACTICE LICENCE IN MEDICINE 4/1976
- Athens Univers. Medical School 12/1980-3/83  
SPECIALITY OF PAEDIATRICS (MEDICINE) 3/1983
- TOEFL (SCORE 553) 8/1983
- Athens Univ. Divinity Faculty 9/1976-4/1988  
DIPLOMA OF THEOLOGY (VERY GOOD) 5/1984
- ECFMG CERTIFICATE (MEDICINE SCORE 80) 11/1987
- Athens Univers. Medical School 9/1984-4/1988  
DOCTORAL DEGREE (MEDICINE, EXCELLENT) 4/1988
- Informatics Institute 9/1990-4/1991  
CERTIFICATION - COMPUTER MEDICINE 4/1991
- Training in paediatric intensive care 10/1991-10/1993  
PICU SUBSPECIALITY 10/1992
- APLS PROVIDER (ALSG) 29/9/01
- APLS INSTRUCTOR (ALSG) 24/6/02
- FACULTY PCCM 2007
- CO-ORDINATOR APLS (ALSG) 2007
- Associate Professor of Pediatric Intensive Care, University of Crete

#### b) NON - DEGREE TRAINING

- INTERNAL MEDICINE

Hospital of Infectious Diseases Internship 10/78-10/79

- NEONATOLOGY

Hammersmith Hospital", London Postgraduate Student 9/83-9/84

- NEONATAL INTENSIVE CARE

NICU "Aghia Sophia" Children's Hospital, Athens Registrar 9/84-1/88

- PEDIATRIC INTENSIVE CARE

PICU, "P & A Kyriakou" Children's Hosp, Athens Senior Registrar 10/91-3/94

- PEDIATRIC INTENSIVE CARE

PICU, Pittsburgh Children's Hospital, Research Fellow, 10/95-5/96

- TRAINING IN BRONCHOSCOPES

AMALIA FLEMING Pulmonary Clinic, Athens, 3/01-6/01

- TRAINING IN ULTRASONOGRAPHY in intensive and emergence medicine

U.NET, Athens 2/2-17/5/03

- Sabbatical

Houston, PICU and BCM, Research Center on Clinical Nutrition in Children 1/8/2009-31/10/2009

- Sabbatical

NIH, NICHD/Bethesda, Meryland molecular biology, genetics, projects on stress 1/11/2009-31/7/2010

## EMPLOYMENT

Military Service, Military physician	26/1/76 -	4/5/77
Village Health Center , Rural physician	4/5/77 -	24/5/78
Hosp Infect. Dis. Athens, Resident in internal medicine	4/10/78 -	10/10/79
Village Health Center , Rural physician	4/6/80 -	15/12/80
"A.S" Childr. Hosp. Athens Resident in Paediatrics	16/12/80 -	18/12/82
Private Pediatric Clinic, Paediatrician	1/4/83 -	30/6/83
"A.S" Childr. Hosp. Athens Resident in neonatology	17/6/83 -	1/9/83
Hammersmith Hosp. London Postgraduate student	1/9/83 -	1/9/84
"A.S" Childr. Hosp. Athens Fellow NICU	1/9/84 -	10/12/85
"A.S" Childr. Hosp. Athens Registrar NICU	10/12/85 -	18/1/88
Primary health center , Senior Registrar Pediatrician	18/1/88 -	30/6/91
"A.P.K" Childr. Hosp. Athens, Senior Registrar PICU	30/6/91 -	30/9/94
Primary health center , Senior Registrar Pediatrician	1/10/94 -	30/9/95
Pittsburgh Childr Hosp, Research Fellow	1/11/95 -	1/5/96
Primary health center , Senior Registrar Pediatrician	1/5/96 -	30/10/96
"A.S" Childr. Hosp. Athens, Senior Registrar PICU	1/11/96 -	31/10/96
"A.S" Childr. Hosp. Athens, Assoc Director PICU	1/11/96 -	4/8/04
University of Crete, Assoc Professor, Director PICU	4/8/04 -	31/7/2009
Sabbatical Baylor Medical Center, Children's Nutrition Research Center and PICU Children's Hospital, Houston, Texas, USA	1/8/2009 -	31/10/2009
Sabbatical στο NIH, NICHD/Bethesda, Meryland molecular biology, genetics, projects on stress	1/11/2010 -	31/7/2010
University of Crete, Assoc Professor, Director PICU	1/8/2010 -	today

- POSTGRADUATE FELLOWSHIP

University of Athens 1983-84, Postgraduate studies in neonatology, London  
Pittsburgh Children Hospital, Research Fellow, 1995-1996

- LECTURES, ROUND TABLE DISCUSSIONS, ORGANIZING COMMITTEES (SELECTED)

1. Round table discussion: Respiratory distress syndrome. 4th Postgraduate Seminar of Neonatal Intensive Care, NICU "Aghia Sophia" Children's Hospital, Athens 28/3/1987
2. Member of Organizing Committee: 5th Hellenic Congress of Perinatal Medicine, Salonica 1987
3. Member of Organizing Committee: 5th Postgraduate Seminar of Neonatal Intensive Care: Developmental disabilities in VLBW infants. NICU "Aghia Sophia" Children's Hospital, Athens 12/3/1988
4. Round table discussion: Drugs and premature infants. 6th Postgraduate Seminar of Neonatal Intensive Care, NICU "Aghia Sophia" Children's Hospital, Athens 8/4/1989
5. Round table discussion: Enteral nutrition of VLBW infants. 7th Postgraduate Seminar of Neonatal Intensive Care, NICU "Aghia Sophia" Children's Hospital, Athens 10/2/1990
6. Member of Organizing Committee: Round table discussion: Infection - Antibiotics. Primary Health Center, 6/6/1990
7. Round table discussion: Liver, Kidneys and Intensive Care. 6th Postgraduate Seminar of Pediatric Intensive Care, PICU "A & P Kyriakou" Children's Hospital, Athens 10/2/92
8. Round table discussion: Heart problems and Intensive Care. 7th Postgraduate Seminar of Pediatric Intensive Care, PICU "A & P Kyriakou" Children's Hospital, Athens 17/10/1993
9. Coordinator: Allergy - Neonatology, 27th session, 32nd Hellenic Pediatric Congress, Corfu 17-19/6/1994
10. Round table discussion: Emergency and Intensive Care. 8th Postgraduate Seminar of Pediatric Intensive Care, PICU "A & P Kyriakou" Children's Hospital, Athens 22/10/1994
11. Lecture. Relation of stressed measured energy expenditure to clinical and nutritional indices in critically ill children, Pittsburgh University 10/1995-5/96
12. Lecture: Respiratory problems. 35th annual pediatric congress, Crete 15/6/97
13. Organizing committee. 6th Hellenic Congress of Intensive Care, 9-12/10/1997
14. Chairman: "Neonatal & Pediatric Thoracic Diseases" 2nd Mediterranean congress on thoracic diseases, Athens, Greece, 4-7 March 1998
15. Round table: Nutrition in critically ill children: 7th Hellenic Congress of Intensive Care, Athens 10/10/1999
16. Chairman: Seminar in meningococcal disease in children. AS Child Hosp 26/5/2000
17. Lecture. Nutrition of critically ill. Athens, 3-4/5/2000
18. Lecture. Therapy of severe head injury in children. 3rd Seminar on pediatric intensive care AS Child Hosp, 25/5/2001
19. Chairman. Pediatric round table. 8th Hellenic Congress on Intensive Care, Athens 19-21/10/ 2001
20. Chairman: Coagulation disorders, Haemoglobin disorders. AS Child Hosp 24/5/2002
21. Lecture. Septic shock in children. Congress of Hellenic Intensive Care Society. Athens 7-8/12/02
22. Chairman: Acute neurological diseases. AS Child Hosp 30/5/2003
23. Organizing committee. 14th ESPNIC Medical and Nursing Annual Congress: Evidence based Medicine in Pediatric & Neonatal Intensive Care, Atir Palace Vouliagmeni, 20-23 Athens, November 2003

24. Chairperson: 1st Conference Session: Miscellaneous Topics. 14th ESPNIC Medical and Nursing Annual Congress "Evidence based Medicine in Pediatric & Neonatal Intensive Care", Athens, Greece, November 20-23, 2003
25. Chairperson: 1st Conference Session: Oral presentations (PICU). 14th ESPNIC Medical and Nursing Annual Congress "Evidence based Medicine in Pediatric & Neonatal Intensive Care", Athens, Greece, November 20-23, 2003
26. Lecture: BLS today, Four day teaching course in neonates and intensive care, University Children's Hospital, Belgrade, 7/6/2004
27. Lecture: Septic shock, Four day teaching course in neonates and intensive care, University Children's Hospital, Belgrade, 8/6/2004
28. Lecture: Head Injury, Four day teaching course in neonates and intensive care, University Children's Hospital, Belgrade, 9/6/2004
29. Lecture: Enteral nutrition, Four day teaching course in neonates and intensive care, University Children's Hospital, Belgrade, 10/6/2004
30. Lecture on Immunonutrition: 1st two-day international conference: Nutrition in the Critically Ill Child, 15-16 June 2005, The Royal College of Physicians, Regents's Park, London
31. Invited speaker: Lecture on: Nutrition in the Critically-ill Child: Basics and Beyond: Plenary on Metabolism and Nutrition in Critical Illness: 5th World Congress on Pediatric Critical Care, Geneva, Switzerland, June 24-28, 2007
32. Invited speaker: Case discussion on Nutrition (Enteral versus Parenteral): Happy Hour Session sponsored by NESTLE NUTRITION: 5th World Congress on Pediatric Critical Care, Geneva, Switzerland, June 24-28, 2007
33. Chair: Nutrition: Symposium on Metabolism: 5th World Congress on Pediatric Critical Care, Geneva, Switzerland, June 24-28, 2007
34. Instructor: APLS course (Εξειδικευμένη υποστήριξη της ζωής στα παιδιά) from the APLS Hellas, ALSG (Defibrillation, fluid and electrolytes, skill stations, scenarios, workshops), Penteli, 4-6/4/2008
35. Lecture on Cardiac APLS in children. Erasmus Intensive Program: From Sound to Ultrasound: Multimedia based Pediatric Cardiology IP" 11-22 October 2010, Heraklion, Crete, Greece

• PRESENTER OR TEACHER IN EDUCATIONAL ACTIVITIES, LESSONS FOR PRE-GRADUATES, POSTGRADUATES, SEMINARS (SELECTED, TOTAL 205)

1. Instructor, APLS course from the European Resuscitation Council (Lectures, skill stations, scenarios, workshops), Nicosia, Cyprus, 1-3/10/2004
2. Postgraduate courses for PICU doctors and nurses, 2004-2005, University Hospital, Heraklion
3. Pre-graduate lessons, 8th and 12th semester, University of Crete
4. Instructor, APLS course from the APLS Hellas, European Resuscitation Council (Lectures, skill stations, scenarios, workshops), "Aglaia Kyriakou", Athens, 22-24/4/2005
5. Course Director, APLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), Heraklion, 25-27/5/2005
6. Invited speaker: Lecture on Immunonutrition. 1st two-day international conference: Nutrition in the Critically Ill Child, 15-16 June 2005, The Royal College of Physicians, Regents's Park, London
7. Instructor, APLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), University of Larissa, 7-9/10/2005

8. Instructor, One-day PLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), ALSG, EEKAAN (KEΣY), Thessaloniki, 15/2/2006
9. Instructor, One-day PLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), ALSG, EEKAAN (KEΣY), Thessaloniki, 16/2/2006
10. Instructor, APLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), Πιστοποίηση ALSG, EEKAAN (KEΣY), Thessaloniki, 17-19/2/2006
11. Instructor, One-day PLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), Heraklion, 22/6/2006
12. Instructor, APLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), Heraklion, 23-25/6/2006
13. Instructor, One-day PLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), ALSG, EEKAAN (KEΣY), Nicosia, Cyprus 26/10/2006
14. Instructor, One-day PLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), ALSG, EEKAAN (KEΣY), Nicosia, Cyprus 27-29/10/2006
15. Instructor, PLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), Heraklion, 27/01/2007
16. Invited speaker: Lecture on: Nutrition in the Critically-ill Child: Basics and Beyond: Plenary on Metabolism and Nutrition in Critical Illness: 5th World Congress on Pediatric Critical Care, Geneva, Switzerland, June 24-28, 2007
17. Invited speaker: Case discussion on Nutrition (Enteral versus Parenteral): Happy Hour Session sponsored by NESTLE NUTRITION: 5th World Congress on Pediatric Critical Care, Geneva, Switzerland, June 24-28, 2007
18. Instructor, One-day PLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), Heraklion, 20/9/2007
19. Instructor, APLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), Heraklion, 21-23/9/2007
20. Invited speaker: Lecture on: Protocols on Nutrition in PICUs. 11th Hellenic Congress of Intensive Care, Athens, 1-4 November 2007
21. Instructor, One-day PLS from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), Heraklion, 12/1/2008
22. Sepsis 1 Postgraduate lectures, PAGNI Hospital, Heraklion, 17/1/2008
23. Invited speaker: Lecture on: Heat shock proteins: Infection and immunity. Postgraduate seminar, January 23 2008, Auditorium 3, medical school, University of Athens
24. Sepsis 2 Postgraduate lectures, PAGNI Hospital, Heraklion 20/2/2008
25. Sepsis 2 Postgraduate lectures, PAGNI Hospital, Heraklion 5/3/2008
26. Instructor: APLS course from the APLS Hellas, ALSG (Defibrillation, fluid and electrolytes, skill stations, scenarios, workshops), Penteli, 4-6/4/2008
27. Instructor, APLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), Heraklion, 9-11/5/2008
28. Lecture, Research protocols of ESPEN – postgraduate course 2/10/2008
29. Shock - PiCCO 2. Postgraduate lectures, PAGNI Hospital, 12/11/2008
30. Instructor, PLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), Heraklion, 31/01/2009
31. Instructor, APLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), Heraklion, 29-31/5/2009
32. Selective lessons for pre-graduate students of the University of Crete Emergency Pediatrics and Intensive Care” Medical School, Division of Pediatrics. 10th Heraklion (first 2009- 2009)
33. Lecture: “Brain region-specific increased PKA activity: association with behavioral phenotype and response to acute stress ”Program in Developmental Endocrinology and Genetics

(PDEGEN) Research Conference in building 10, 9th floor, Bunim Room (9S-235) Friday, June 11, 2010 9:00 – 10:00 a.m., NIH

34. Responsible for lectures in Pediatrics for 2010-2011 for pre-graduate students, doctors specialized in Pediatrics and pediatric staff
35. Responsible for post-graduate lessons and scenario courses for PICU staff 2010-2011
36. Cardiac APLS in children. Erasmus Intensive Program: From Sound to Ultrasound: Multimedia based Pediatric Cardiology IP" 11-22 October 2010, Heraklion, Crete, Greece
37. Lecture on Cardiac APLS in children. Erasmus Intensive Program: From Sound to Ultrasound: Multimedia based Pediatric Cardiology IP" 11-22 October 2010, Heraklion, Crete, Greece
38. Course Director, APLS course (Εξειδικευμένη υποστήριξη της ζωής στα παιδιά) from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), Heraklion, 21-23/1/2011

• CME, ATTENDANCE AND CONTRIBUTION IN RECENT NATIONAL AND INTERNATIONAL CONGRESSES (SELECTED, TOTAL 205)

- 1) Fist World Symposium "computer in the care of the mother fetus and newborn", Vienna, Austria 9-11/3/87
- 2) XIIIth Congress of the international Society in thrombosis and haemostasis, Amsterdam 30/6-6/7/1991
- 3) The 6th world congress on intensive & critical care medicine, Madrid, Spain 14-18/6/1993
- 4) 6th European Congress on Pediatric, Surgical and Neonatal Intensive Care, Athens, Greece 13-17/10/1993
- 5) 8th European congress of intensive care medicine, Athens, 18-22 October, 1995.
- 6) Pittsburgh Transplantation Institute Conference 1996, Pittsburgh, 11-13/4/1996.
- 7) 9th European Congress on Intensive Care Medicine, Glasgow, 24-28 September 1996
- 8) 17th International Symposium on Intensive Care and Emergency Medicine, Brussels, Congress Center, March 18-21, 1997
- 9) 2nd Mediterranean congress on thoracic diseases, Athens, Greece, 4-7 March 1998 2nd State-of-the-Art International Interdisciplinary Review Course on Inflections, Thoracic & Critical Care Medicine, Athens, Greece 15-17 May, 1998.
- 10) 11<sup>th</sup> ESICM Annual Congress, 9<sup>th</sup> ESPIC Annual Congress, Stockholm International Congress Centre, 6-9 September 1998
- 11) 12<sup>th</sup> ESICM Annual Congress, Berlin, Germany, International Congress Centre, 3-6 October 1999
- 12) Update on issues in critical care management. Medical Education Collaborative, ACCME, 1800 Jackson Street, Golden, Colorado, USA 2/5/2000
- 13) Treatment Update – Minimizing Emerging Resistance in the ICU. Medical Education Collaborative, ACCME, 1800 Jackson Street, Golden, Colorado, USA 26/6/2000
- 14) ISBT 2000, 26<sup>th</sup> Congress of the International Society of Blood Transfusion Austria Centre Vienna, Vienna, July 9-14, 2000
- 15) Pediatric Emergency Medicine – IPOKRaTES Clinical Seminar, Athens, September 27-29, 2000
- 16) 13<sup>th</sup> ESICM Annual Congress, Rome, Italy, International Congress Centre, 1-4 October 2000
- 17) Conference Coverage – The Fifth Toronto Critical Care Medicine Symposium. Medical Education Collaborative, MEC CME, 1800 Jackson Street, Golden, Colorado, USA 21/2/2001

- 18) Continuing Medical Education activity. CME Circle – Current Trends in the Management of Critically Ill Patients. American College of CHEST Physicians, Certificate number 1173697, 2/7/2001
- 19) ISBT 2001, 7<sup>th</sup> European Congress of the International Society of Blood Transfusion, Paris, July 15-18, 2001
- 20) APLS, European Resuscitation Council 27-29/9/2001
- 21) APLS generic instructor course from the European Resuscitation Council, Hraklion, Crete 24-29/6/2002
- 22) ISBT 2002, 27<sup>th</sup> Congress of the International Society of Blood Transfusion Vancouver Convention & Exhibition Centre, Vancouver, British Columbia, Canada, August 24-29, 2002
- 23) 15<sup>th</sup> Annual Congress of European Society of Intensive Care Medicine, Barcelona, Spain, 29/9-2/10/2002
- 24) ISBT 2003, 28<sup>th</sup> Congress of the International Society of Blood Transfusion Istanbul Convention & Exhibition Centre, Istanbul, Turkey, July 5-9, 2003
- 25)
- 26) ESFH 14<sup>th</sup> Congress of the interdisciplinary European society for haemapheresis and haemotherapy, Prague, 10-13/9/2003
- 27) 14<sup>th</sup> ESPNIC Medical and Nursing Annual Congress “Evidence based Medicine in Pediatric & Neonatal Intensive Care”, Athens, Greece, November 20-23, 2003
- 28) 15<sup>th</sup> ESPNIC Medical and Nursing Annual Congress, Pediatric and Neonatal Critical Care – Art of Science? 16-18 September 2004, Imperial College, London, United Kingdom
- 29) 7<sup>th</sup> European Postgraduate Course in Neonatal and Pediatric Intensive Care, Inselspital Berne, March 10-12, 2005
- 30) 1<sup>st</sup> two-day international conference: Nutrition in the Critically Ill Child, 15-16 June 2005, The Royal College of Physicians, Regents’s Park, London
- 31) 16<sup>th</sup> ESPNIC Medical and Nursing Annual Congress, Society of Pediatric and Neonatal Intensive Care, 15-17 September 2005, The Flanders Congress and Concert Center, Antwerp, Belgium
- 32) 18<sup>th</sup> Annual Congress, European Society of Intensive Care Medicine, 25-28 September 2005, Amsterdam, Netherlands
- 33) Ipokrates, Clinical Seminar, Current Concepts in the Intensive Care of Critically ill Neonates & Children, Athens, 17-19 October, 2005
- 34) 8<sup>th</sup> European conference on pediatric and neonatal ventilation, Montreaux, Switzerland, March 29-April 1, 2006
- 35) 10<sup>th</sup> State of the Art Interdisciplinary Review Course on Pulmonary Diseases, Critical Care, Emergency Medicine & Nursing Care, Athens, Greece, April 6<sup>th</sup>-9<sup>th</sup>, 2006
- 36) 8<sup>th</sup> Scientific Congress of the European Resuscitation Council (ERC), Stavanger, Norway, 1-13 May, 2006
- 37) 19<sup>th</sup> Annual Congress, European Society of Intensive Care Medicine, 24-27 September 2006, Barcelona, Spain
- 38) 4<sup>th</sup> European Congress on Emergency Medicine “The European Vision for Emergency Medicine”, 4-8 October 2006, Heraklion – Crete, Greece
- 39) 27<sup>th</sup> International Symposium on Intensive Care and Emergency Medicine, Brussels, Exhibition & Convention Center, March 27-30, 2007
- 40) 5<sup>th</sup> World Congress on Pediatric Critical Care, Geneva, Switzerland, June 24-28, 2007
- 41) 20<sup>th</sup> Annual Congress, European Society of Intensive Care Medicine, 7-10 October 2007, Berlin, Germany
- 42) 12<sup>th</sup> State-of-the-Art Interdisciplinary Review Course on Pulmonary Diseases Critical Care Emergency Medicine & Nursing Care, April 11-13, 2008, Athens

- 43) 3rd Neutropenia Network Conference, University of Crete School of Medicine and the Karolinska Institute, Sweden, Crete, 26-27 September, 2008
- 44) 30th ESPEN Congress 2008, 13-16 September 2008, Florence, Italy
- 45) 21st Annual Congress, European Society of Intensive Care Medicine, 21-24 September 2008, Lisbon, Portugal
- 46) 184. 13th State of the Art. Interdisciplinary Review Course on Pulmonary Diseases Critical Care Emergency Medicine & Nursing Care, Hilton Athens Hotel, April 2-4, 2009
- 47) 47ο Πανελλήνιο Παιδιατρικό Συνέδριο, Minoa Palace Hotel, Χανιά, 19-21 Ιουνίου 2009
- 48) IV Europaediatrics 2009, European Paediatric Association (EPA/UNEPSA), Moscow, 3-6 July 2009 (European CME credits 20)
- 49) CONTINUING MEDICAL EDUCATION CERTIFICATE, WHO Issues Guidelines for Antiviral Treatment of H1N1 and Other Influenza on the Internet at <http://www.medscapecme.com/> September 5, 2009, 0.25 AMA PRA Category 1 Credit(s)<sup>TM</sup>.
- 50) CONTINUING MEDICAL EDUCATION CERTIFICATE, The obesity crisis, the epidemic, the consequences, the solution, Baylor College of Medicine, Houston, Texas, August 22, 2009, 1 AMA PRA Category 1 Credit(s)<sup>TM</sup>.
- 51) Clinical (PICU) and Research (BCM) Conferences, lectures, seminars during my Sabbatical στο Houston, PICU and BCM, Research Center on Clinical Nutrition in Children 1/8/2009-31/10/2009 (letter L. Castillo)
- 52) Clinical, ground rounds, and research conferences during my Sabbatical στο NIH, NICHD/Bethesda, Meryland στη γενετική και αντίδραση στο stress 1/11/2009-31/7/2010
- 53) Course NIH Prevention of Sexual Harassment (POSH) Training NIHOEODM2002, NIH, 11/05/2009
- 54) Course NIH NoFEAR Act Training, NIHOEODM2001, 11/05/2009
- 55) The NIH Office of Human Subjects Research, computer-based training course on the Protection of Human Research Subjects. Date: 11/05/2009, Certification Number: 1257486511
- 56) Course NIH Orientation, NIHTCOR2001, 11/05/2009
- 57) Course Introduction to Lab safety – On line training, Division of Occupational Helth and Safety, Nov 3, 2009
- 58) Course Nems awareness training, Enviromental Management System Awareness Training, Nov 5, 2009
- 59) Course NIH Disability Awareness Training, NIHOEODM2006, 11/05/2009
- 60) Course NIH Research Ethics Orientation, 001435781020091104, 11/04/2009
- 61) Course NIH privacy awareness, 10/08/2009
- 62) The 24nd Annual Pediatric/Pediatric Surgery Symposium and the 11th Annual C. Everett Koop Distinguished Lecture, TBI and Other Traumatic Injuries in Children Thursday, 10 June 2010 Sanford Auditorium Uniformed Services University of Health Sciences, Bethesda, MD
- 63) CONTINUING MEDICAL EDUCATION CERTIFICATE, Decreased Alertness in a 10-Month-Old Girl on the Internet at <http://www.medscapecme.com/> June 22, 2010, 0.25 AMA PRA Category 1 Credit(s)<sup>TM</sup>.
- 64) Eunice Kennedy Shriver National Institute of Child Health and Human Development Division of Intramural Research SCIENTIFIC RETREAT FOR INVESTIGATORS, May 19 and 20, 2010 1:00 – 5:00 p.m. 1st floor, Building 60, the Cloister
- 65) CONTINUING MEDICAL EDUCATION CERTIFICATE, Unexplained Persistent Exertional Dyspnea in a 42-Year-Old Man on the Internet at <http://www.medscapecme.com/> September 10, 2010, 0.25 AMA PRA Category 1 Credit(s)<sup>TM</sup>.



- 66) CONTINUING MEDICAL EDUCATION CERTIFICATE, Gradual-Onset Headache and Vomiting in a 42-Year-Old Woman on the Internet at <http://www.medscapecme.com/> August 31, 2010, 0.25 AMA PRA Category 1 Credit(s)<sup>TM</sup>.
- 67) CONTINUING MEDICAL EDUCATION CERTIFICATE, A 55-Year-Old Man With Nausea and Vomiting on the Internet at <http://www.medscapecme.com/> September 29, 2010, 0.25 AMA PRA Category 1 Credit(s)<sup>TM</sup>.

### ORGANIZATION OF SEMINARS, CONGRESSES

1. Course Director, APLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), University of Crete, Heraklion, 25-27/5/2005
2. Course Director, One-day PLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), University of Crete, Heraklion, 22/6/2006
3. Course Director, APLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, and workshops), University of Crete, Heraklion, 23-25/6/2006
4. Course Director, One-day PLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), University of Crete, Nicosia, Cyprus 26/10/2006
5. Course Director, One-day PLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), University of Crete, Heraklion, 27/01/2007
6. Course Director, One-day BLS pre-congress course from the PICU, University of Athens (Lectures, skill stations), University of Crete, Heraklion, 17 Μαρτίου 2007
7. Faculty: 5th World Congress on Pediatric Critical Care, Geneva, Switzerland, June 24-28, 2007
8. Course Director, One-day PLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), University of Crete, Heraklion, 20/9/2007
9. Course Director, APLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, and workshops), University of Crete, Heraklion, 21-23/9/2007
10. Course Director, One-day PLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), University of Crete, Heraklion, 12/1/2008
11. Course Director, One-day BLS pre-congress course from the PICU, University of Athens (Lectures, skill stations), University of Crete, Heraklion, 15-16 Μαρτίου 2008.
12. Course Director, APLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, and workshops), University of Crete, Heraklion, 9-11/5/2008
13. Instructor, PLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), Heraklion, 31/01/2009
14. Instructor, APLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), Heraklion, 29-31/5/2009
15. Instructor, APLS course from the APLS Hellas, ALSG (Lectures, skill stations, scenarios, workshops), Heraklion, 21-23/1/2011
16. Organization and Director of a new postgraduate program certified by the University of Crete “Intensive Care of Children and Adolescents” – 3 semester course – MD (approved 2010)

### DISSERTATIONS AND MASTERS

Supervisor and co-supervisor in 8 dissertations, 1 Master Degree given

### CLINICAL WORK

Head of PICU, Medical School, University of Crete

Director of APLS, PLS and BLS courses on Emergency Pediatrics, University of Crete

#### MEMBER OF MEDICAL SOCIETIES

- SCCM
- ESICM
- ESPEN
- Greek Paediatric Society
- Greek Medical Society
- Greek Intensive Care Society
- Greek Society of Neonatology
- Greek Medical Society of Infectious Diseases and Chemotherapy
- Scientific society of Arta

#### FUNDING (SELECTED)

Current:

- Inflammatory response in sepsis, CD64, CD11b, και heat shock proteins σε ασθενείς ΜΕΘ με σήψη συγκριτικά με ασθενείς με τραύμα ή αναπνευστική ανεπάρκεια. Main researcher D Fitrolaki, IP: G Briassoulis, Grant from ELKE code 2383 (2009-2011)
- Heat shock proteins in sepsis, intravenous glutamine in an experimental model: Η επίδραση της ενδοφλέβιας γλουταμίνης σε ένα πειραματικό μοντέλο σήψης. Main researcher J Plati, IP: G Briassoulis, Grant from ELKE code 2619 (2009-2011)
- Glutamine Arginine metabolism–NO. Co-investigator G. Briassoulis (Sabbatical), IP: Leticia Castillo. DK-62363, USDA/ARS 6250-51000-048-02S and 3ARP Ajimoto Research Program, Houston, Texas.
- Arginine in opioids tolerance in critically ill children. Co-investigator G. Briassoulis (Sabbatical), IP: Leticia Castillo. DK-62363, USDA/ARS 6250-51000-048-02S and 3ARP Ajimoto Research Program, Houston, Texas.
- Intramural NICHD project (PRKAR1a and Ca heterozygote and double HZ in searching the cAMP- PKA pathway in stress and hormonal response), Co-investigator G. Briassoulis (Sabbatical), IP:
- Constantine Stratakis

Completed:

- Brain stem responses in preterm infants, Hammersmith Hospital, London, main investigator Sana Larry. IP: V. Dubowitz., Research Grant, Department of Paediatrics and Neonatal Medicine, Royal Postgraduate Medical School, Hammersmith Hospital., (1983-1985)
- Energy expenditure in critically ill children, G. Briassoulis. Επιστημονικός υπεύθυνος: Ann Thomson. Main researcher G Briassoulis, Research Grant, Departments of Anesthesiology/CCM and Pediatrics, University of Pittsburgh, Pittsburgh, PA., (1996-1997)
- Working group, Demise study in Europe ICUs, Greece: G. Briassoulis. IP. Devictor, Denis J (2004).
- Early enteral nutrition in critically ill children; b) immunonutrition in sepsis and trauma, Main researcher, IP: G Briassoulis, Research Grant from PICU and Clinical Biochemistry of Aghia Sophia Children's Hospital, Athens, (1999-2004)

#### AWARDS - HONORS

- 2<sup>ND</sup> best research presentation: Immunonutrition in clinical practice – relation to interleukins and clinical indices. G. Briassoulis 9<sup>th</sup> Hellenic Congress of Intensive Care, Athens 17-19 October 2003
- First award “clinical characteristics of patients in a university hospital PICU” 12<sup>th</sup> scientific congress of medical students society, Larisa 5-7 May 2006
- ESPNIC Educational Grant by 5<sup>th</sup> world congress on pediatric critical care, June 24-28, Geneva, for a poster of our unit by Anna Maria Spanaki G Briassouls, 2007
- Invited member of the Child Health & Nutrition Knowledge Network (CHNKN), Oct 2010

### **EDITORIAL BOARD**

#### **1. PEDIATRIC CRITICAL CARE MEDICINE**

- ✓ Official journal of the society of critical care medicine, Editor-in-Chief: Patric Kochanek
- ✓ 2004 – 2009
- ✓ 2010-2013 re-newal

#### **2. The Open Biomarkers Journal**

- ✓ Open access journal, ISSN: 1875-3183, Editor-in-Chief: Anna Maria Lavezzi
- ✓ 2009

#### **3. Παιδιατρική**

- ✓ Official journal of Hellenic Pediatric Society
- ✓ 2005

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Editor-in-Chief

(Some selected reviews)

PCCM-00199-2003	Clinical Investigation	Changes in protein and nitrogen metabolism following closed head injury or cardiothoracic surgery in pediatric patients [ <a href="#">View Submission</a> ]	2003
PCCM-00232-2003	Clinical Investigation	Dysregulation of vitamin D-endocrine system during neonatal ECMO [ <a href="#">View Submission</a> ]	2003
PCCM-00005-2004	Clinical Investigation	VECURONIUM INDUCED PROLONGED PARALYSIS IN TWO PEDIATRIC INTENSIVE CARE PATIENTS [ <a href="#">View Submission</a> ]	2004
PCCM-00026-2004	Clinical Investigation	New Onset Diabetic Ketoacidosis Presenting as Respiratory Distress and Congestive Heart Failure [ <a href="#">View Submission</a> ]	2004
PCCM-00065-2004	Case Report	Severe infant botulism with cardiac arrest [ <a href="#">View Submission</a> ]	2004
PCCM-00116-2004	Clinical Investigation	Accuracy of short indirect calorimetric studies in critically ill children, in the first 24-hours post-injury [ <a href="#">View Submission</a> ]	2004
PCCM-00127-2004	Clinical Investigation	Nutritional assessment of critically ill children. [ <a href="#">View Submission</a> ]	2004
PCCM-00145-2004	Case Report	Acute pancreatitis induced by a short-term propofol administration [ <a href="#">View Submission</a> ]	2004
PCCM-00182-2004	Case Report	Ceftriaxone-Induced Hemolytic Anemia and Hepatitis in an Adolescent with Hemoglobin SC Disease [ <a href="#">View Submission</a> ]	2004
PCCM-00272-2004	Clinical Investigation	Growth and correlates of nutritional status among infants with hypoplastic left heart syndrome (HLHS) following the stage one Norwood procedure [ <a href="#">View Submission</a> ]	14-Dec-2004
PCCM-00046-2005	Clinical Investigation	Energy expenditure and balance following pediatric intensive care unit admission, a longitudinal study in critically ill children [ <a href="#">View Submission</a> ]	17-Mar-2005
PCCM-00046-2005.R1	Clinical Investigation	Energy expenditure and balance following pediatric intensive care unit admission, a longitudinal study in critically ill children [ <a href="#">View Submission</a> ] Revision Accepted with Minor Re-Revision (08-Jun-2005)	10-May-2005

PCCM-00104-2005	Clinical Investigation	A survey of caloric delivery in critically ill pediatric patients who are NPO [ <a href="#">View Submission</a> ]	Jun-2005
PCCM-00172-2005	Clinical Investigation	The use of a feeding protocol to improve nutritional support through early, aggressive, enteral nutrition in the pediatric intensive care unit [ <a href="#">View Submission</a> ]	14-Sep-2005
PCCM-00223-2005	Case Report	Erosion of the alar of the nose : a serious complication of the feeding tube in neonates.Case report and review of the literature. [ <a href="#">View Submission</a> ]	28-Nov-2005
PCCM-00264-2005	Clinical Investigation	Longitudinal Assessment of Resting Energy Expenditure In Severely Burned Children [ <a href="#">View Submission</a> ]	23-Feb-2006
PCCM-00172-2005.R1	Clinical Investigation	The use of a feeding protocol to improve nutritional support through early, aggressive, enteral nutrition in the pediatric intensive care unit R1 [ <a href="#">View Submission</a> ]	05-Jan-2006
PCCM-00048-2006	Clinical Investigation	Physical activity as a determinant of total energy expenditure in critically ill children [ <a href="#">View Submission</a> ]	12-Apr-2006
PCCM-00082-2006	Clinical Investigation	Energy Expenditure in Critically Ill Children [ <a href="#">View Submission</a> ]	04-May-2006
PCCM-00098-2006	Clinical Investigation	Transpyloric Tube Placement using External Magnetic Guidance in Critically Ill Children and Adolescents [ <a href="#">View Submission</a> ]	24-May-2006
PCCM-00166-2006	Clinical Investigation	Use of methylene blue Spectrophotometry to detect subclinical aspiration in enterally fed intubated pediatric patients [ <a href="#">View Submission</a> ]	01-Aug-2006
PCCM-00264-2006	Clinical Investigation	Hypoalbuminemia in critically ill children [ <a href="#">View Submission</a> ]	11-Oct-2006
PCCM-00287-2006	Clinical Investigation	Histamine-2 receptor antagonists versus intravenous proton-pump inhibitors in a pediatric intensive care unit: A comparison of gastric pH [ <a href="#">View Submission</a> ]	09-Nov-2006
PCCM-00166-2006.R1	Clinical Investigation	Use of methylene blue Spectrophotometry to detect subclinical aspiration in enterally fed intubated pediatric patients [ <a href="#">View Submission</a> ]	21-Jan-2007
PCCM-00065-2007	Clinical Investigation	Reducing nosocomial infections in a pediatric intensive care unit: a collaborative effort [ <a href="#">View Submission</a> ]	03-Apr-2007
PCCM-00166-2006.R2	Clinical Investigation	Use of methylene blue Spectrophotometry to detect subclinical aspiration in enterally fed intubated pediatric patients [ <a href="#">View Submission</a> ]	07-May-2007
PCCM-00327-	Clinical Investigation	Health-related quality of life after prolonged pediatric intensive care	09-

2007		unit stay [ <a href="#">View Submission</a> ]	Dec-2007
PCCM-00360-2007	Clinical Investigation	Determinants of nitrogen excretion in critically ill children [ <a href="#">View Submission</a> ]	25-Jan-2008
PCCM-00366-2007	Clinical Investigation	Successful Placement of Post-Pyloric Enteral Tubes Using Electromagnetic Guidance in Critically Ill Children [ <a href="#">View Submission</a> ]	29-Dec-2007
PCCM-00366-2007	Clinical Investigation	Successful Placement of Post-Pyloric Enteral Tubes Using Electromagnetic Guidance in Critically Ill Children [ <a href="#">View Submission</a> ]	29-Dec-2007
00366-2007.R1	Clinical Investigation	Successful Placement of Post-Pyloric Enteral Tubes Using Electromagnetic Guidance in Critically Ill Children [ <a href="#">View Submission</a> ]	23-Mar-2008
PCCM-00009-2008	Clinical Investigation	Cost analysis of two approaches to parenteral nutrition in critically ill children [ <a href="#">View Submission</a> ]	25-Mar-2008
PCCM-00327-2007.R1	Clinical Investigation	Health-related quality of life after prolonged pediatric intensive care unit stay [ <a href="#">View Submission</a> ]	30-Jan-2008
PCCM-00068-2008	Clinical Investigation	Physical Compatibility of Neonatal TPN Admixtures Containing Organic Calcium and Inorganic Phosphate Salts in a Simulated Infusion at 37C [ <a href="#">View Submission</a> ]	16-May-2008
PCCM-00366-2007.R2	Clinical Investigation	Successful Placement of Post-Pyloric Enteral Tubes Using Electromagnetic Guidance in Critically Ill Children [ <a href="#">View Submission</a> ]	09-Apr-2008
PCCM-00198-2008	Clinical Investigation	Early life events, sex and arterial blood pressure in critically ill infants [ <a href="#">View Submission</a> ]	08-Sep-2008
PCCM-00277-2008	Clinical Investigation	Avoidable risk factors associated with enteral nutrition interruptions in a multidisciplinary pediatric intensive care unit [ <a href="#">View Submission</a> ]	21-Nov-2008
PCCM-00198-2008.R1	Clinical Investigation	Early life events, sex and arterial blood pressure in critically ill infants [ <a href="#">View Submission</a> ]	27-Nov-2008
PCCM-00135-2009	Clinical Investigation	THE CHALLENGE OF PREDICTING RESTING ENERGY EXPENDITURE IN CHILDREN UNDERGOING SURGERY FOR CONGENITAL HEART DISEASE. [ <a href="#">View Submission</a> ]	24-Jun-2009
PCCM-	Clinical Investigation	THE CHALLENGE OF PREDICTING RESTING ENERGY	28-

00135-2009.R1		EXPENDITURE IN CHILDREN UNDERGOING SURGERY FOR CONGENITAL HEART DISEASE. [ <a href="#">View Submission</a> ]	Jul-2009
PCCM-00234-2009	Clinical Investigation	A Randomised Prospective Trial to compare the efficacy of bolus versus continuous nasogastric feeding in Paediatric Intensive Care Kamath P, Longden J, Stack C G, Easaw B S and Mayer A T Department of Critical Care, Sheffield Children's Hospital NHS Foundation Trust, Sheffield, UK [ <a href="#">View Submission</a> ]	19-Sep-2009
PCCM-00427-2009	Clinical Investigation	Improving Efficiency in Enteral Nutrition in Critically Ill Children [ <a href="#">View Submission</a> ]	05-Jan-2010
PCCM-00234-2009.R1	Clinical Investigation	A Randomised Prospective Trial to compare the efficacy of bolus versus continuous nasogastric feeding in Paediatric Intensive Care Kamath P, Longden J, Stack C G, Easaw B S and Mayer A T Department of Critical Care, Sheffield Children's Hospital NHS Foundation Trust, Sheffield, UK [ <a href="#">View Submission</a> ]	05-Jan-2010
PCCM-D-10-00189	Clinical Investigation	IS THERE A DIFFERENCE IN CLINICAL OUTCOMES, INFLAMMATION AND HYPERMETABOLISM BETWEEN SCALD AND FLAME BURN?	Jun 08, 2010
PCCM-D-10-00121	Clinical Investigation	Inflammatory Cytokines and Measured Energy Expenditure in Critically Ill Children	May 14, 2010
PCCM-D-10-00060	Clinical Investigation	STRESS ULCER PROPHYLAXIS IN FIVE BRAZILIAN PEDIATRIC INTENSIVE CARE UNITS*	Mar 11, 2010
PCCM-D-10-00014	Clinical Investigation	Energy imbalance and the risk of overfeeding in critically ill children	Jun 15, 2010
PCCM-00393-2009	Clinical Investigation	Use of a Non-Invasive Electromagnetic Device Increases the Time Needed to Successfully Place Transpyloric Feeding Tubes] in Critically Ill Children [ <a href="#">View Submission</a> ]	23-Jan-2010
PCCM-00234-2009.R1	Clinical Investigation	A Randomised Prospective Trial to compare the efficacy of bolus versus continuous nasogastric feeding in Paediatric Intensive Care Kamath P, Longden J, Stack C G, Easaw B S and Mayer A T Department of Critical Care, Sheffield Children's Hospital NHS Foundation Trust, Sheffield, UK [ <a href="#">View Submission</a> ]	31-Jan-2010
PCCM-D-10-00269	Clinical Investigation	Characteristics of deaths in pediatric intensive care unit in Kermanshah, Iran	Jun 24, 2010
PCCM-D-10-00189	Clinical Investigation	IS THERE A DIFFERENCE IN CLINICAL OUTCOMES, INFLAMMATION AND HYPERMETABOLISM BETWEEN SCALD AND FLAME BURN?	Jun 08, 2010
JCA-09-464R1	Clinical Investigation	Delayed Awakening Following Inadvertent High-Dose Remifentanyl Infusion in a 13-Year Old Patient	Jan 22, 2010
CCMED-D-10-	Review	C-reactive protein as a predictor of mortality in critically ill patients: a meta-analysis and systematic review	Aug 29,

PUBLICATIONS

- Total full articles published in international scientific journals: 57 (40 first author, 1 second, 5 last) IF 135.13, Citations (Scopus plus ISI) 528, *h*-index 13
- Total national and international publications of full articles: 102 (69 first author, 6 second, 5 last)
- Total publications of articles, published abstracts (27) in international and national journals and chapters (27) books **142 (94 first authors (66%), 12 second, 11 last) IF 258 Mean IF 2.92155 Citations 528**

(Selected publications)

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2. LARY S, BRIASSOULIS G, DeVRIES L, DUBOWITZ LMS, DUBOWITZ V. Hearing threshold in preterm and term infants by auditory brainstem response. *J Pediatr.* 1985;107:593-599.
3. BRIASSOULIS G. Arterial pressure measurement in perterm infants. *Critical Care Medicine* 1986;14:735-738.
4. BRIASSOULIS G, PHOTOPOULOS S, DAVAKIS M, XANTHOU M. Phosphorus depletion in very low birthweight infants on long-term total parenteral nutrition. In Heribert Berger (ed): Vitamins and Minerals in Pregnancy and Lactation, Nestle Nutrition Workshop Series, Vol. 16, Nestle, Ltd., Vevey/Raven Press, Ltd., New York, 1988, pp.381-382.
5. BRIASSOULIS G, PAPAZOGLU K, BONIATSI L, AGAPITOS E, PAPADATOS J. Acute respiratory failure and myocarditis to diphtheria. *Medicina Intensiva*, 1993;17:s260.
6. BRIASSOULIS G, VASSILOPOULOS A, SIANIDOU L, PAPADATOS J. Air-leaks among mechanically ventilated children for severe respiratory diseases. *Intensive Care Medicine* 1995;21:S39.
7. BRIASSOULIS G, VASSILOPOULOS A, SIANIDOU L, PAPADATOS J. Outcome of severe pediatric respiratory diseases supported by different methods of mechanical ventilation. *Intensive Care Medicine* 1995;21:S39.
8. BRIASSOULIS G, VENKATARAMAN S, THOMPSON A. Nutritional status, nitrogen balance and metabolic response to stress related to the severity of illness in children. *Intensive Care Med* 1996;22 (Suppl3)S347.
9. BRIASSOULIS G, VENKATARAMAN S, THOMPSON A. Energy expenditure, nutritional markers and stress mediators associated with critical illness in children. *Intensive Care Med* 1996;22 (Suppl3)S347.
10. BRIASSOULIS G, KALABALIKIS P, TAMIOLAKI M, HATZIS T. Lamotrigine childhood overdose: A case report. *Pediatr Neurology* 1997, *Pediatr Neurol* 1998;19(3):239-42.
11. VENKATARAMAN S, BRIASSOULIS G, THOMPSON A. Relationship between energy expenditure to multiple organ system failure and mortality in critically ill infants and children. *Crit Care Med* 1998;26, 1, (Suppl)A80.
12. VENKATARAMAN S, BRIASSOULIS G, THOMPSON A. Nitrogen balance and its relationship to organ failure in critically ill children. *Crit Care Med* 1998;26, 1, (Suppl)A80.



13. VENKATARAMAN S, BRIASSOULIS G, THOMPSON A. Accuracy of formulae that predict energy expenditure in critically ill children. *Crit Care Med* 1998;26, 1, (Suppl)A80.
14. BRIASSOULIS G, HATZIS T, PAPHITIS C, STINIOS J. Acute spontaneous pneumomediastinum in a child with Hodgkin's disease and pulmonary fibrosis. *Pediatr Hematol Oncol* 1999 (2):175-80.
15. MAZARIEGOS GV, O'TOOLE K, MIELES LA, DVORCHIK I, MEZA MP, BRIASSOULIS G, ARZATE J, OSORIO G, FUNG J, REYES J. Hyperbaric Oxygen Therapy for Hepatic Artery Thrombosis After Liver Transplantation in Children. *Liver Transpl Surg* 1999 Sep;5(5):429-436.
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17. BRIASSOULIS G, ZAVRAS N, KALABALIKIS P, HATZIS T. Somatic protein status and nitrogen balance during acute stress in children. *Intens Care Med* 1999;25 (Suppl)S132.
18. HATZIS T, ZAVRAS N, KALABALIKIS P, BRIASSOULIS G, PARASCHOU D, NARLIOGLOU M. Hemodynamic monitoring with pulse contour cardiac output (picco) in children with meningococcal shock. *Intens Care Med* 1999;25 (Suppl)S71.
19. BRIASSOULIS G, VENKATARAMAN S, VASSILOPOULOS A, SIANIDOU L, PAPADATOS J. Influence of low volume – pressure limited ventilation on outcome of severe paediatric pulmonary diseases. *Minimal Invasive Therapy and Allied Technologies* 1999;8:377-384.
20. BRIASSOULIS G, VENKATARAMAN S, VASSILOPOULOS A, SIANIDOU L, PAPADATOS J. Air-leaks among mechanically ventilated children for severe respiratory diseases. *Pediatr Pulmonol* 2000;29:127-134.
21. BRIASSOULIS G, PARASCHOU D, HATZIS T. Hypercapnia due to a heat and moisture exchanger. *Intensive Care Med* 2000;26:147-147.
22. BRIASSOULIS G, VENKATARAMAN S, THOMPSON A. Energy expenditure in critically ill children. *Crit Care Med* 2000;28(4):1166-1172.
23. BRIASSOULIS G, PAPADOPOULOS G, ZAVRAS N, PAILOPOULOS V, HATZIS T, THANOPOULOS V. Cardiac troponin I in fulminant adenovirus myocarditis treated with a 24-hour infusion of high-dose intravenous immunoglobulin. *Ped Cardiology* 2000;21.4: 391-394.
24. BRIASSOULIS G, HATZIS T, MAMMI P, ALIKATORA A. Persistent anaphylactic reaction after induction with thiopentone and cisatracurium. *Paediatr Anaesth* 2000 Jul;10(4):429-434.
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28. BRIASSOULIS G, ZAVRAS N, HATZIS T. Effectiveness and safety of a protocol for promotion of early intragastric feeding in critically ill children. *Pediatr Crit Care Med* 2001; 2: 113 -121.
29. BRIASSOULIS G, NARLIOGLOU M, ZAVRAS N, HATZIS T. Myocardial injury in meningococcus-induced purpura fulminans in children. *Intensive Care Med* 2001;27:1073-1082.
30. BRIASSOULIS G, ZAVRAS N, HATZIS T. Malnutrition, nutritional indices, and early enteral feeding in critically ill children. *Nutrition* 2001;17; 548-557.
31. BRIASSOULIS G, ZAVRAS N, NARLIOGLOU M, PATSOURA A. Nutritional indices in critically ill children. *Intensive Care Med* 2001;27 (Suppl2) S218.

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34. BRIASSOULIS G, TSORVA A, ZAVRAS N, HATZIS T. Influence of an aggressive early enteral nutrition protocol on nitrogen balance in critically ill children. *J Nutr Biochem* 2002;13(9):560
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36. KARAVANAKI K, DIVOLI A, KATTANI M, BRIASSOULIS G, THODOROU V, HATZARA V, AVLONITIS S. Multiple pituitary hormone abnormalities, fever, behavioral problems, seizures and apnoic spells in a 6-year old girl. *Hormones* 2002;1(2):121-125
37. BRIASSOULIS G, STEFANAKI K, PERISTERI I, ENDOH Y, HATZIS T. Is KL-6 a serum indicator of early pulmonary fibrosis in childhood cancer patients? *Med Pediatr Oncol* 2003 Jan;40(1):44-47
38. BRIASSOULIS G, TSORVA A. Myocardial injury in meningococcus disease. In: Frank Columbus (ed). *Progress in meningitis research. Nova science publishers, NY, 2003, in press*
39. G, SMYRNIOTIS V, ARKADOPOULOS N, CONTIS J, BRIASSOULIS G, KOSTOPANAGIOTOU E. Anaesthetic and perioperative of paediatric recipients in non-transplant surgery. *Ped Anaesth* 2003; 13(9):754-763.
40. Briassoulis G, Filippou O, Natsi L, et al. Acute and chronic paediatric intensive care patients: current trends and perspectives on resource utilization [In Process Citation] *QJM (England)*, Aug 2004, 97(8) p507-18
41. Briassoulis G, Natsi L, Tsorva A, et al. Prior antimicrobial therapy in the hospital and other predisposing factors influencing the usage of antibiotics in a pediatric critical care unit [epub ahead of print] [Record Supplied By Publisher] *Ann Clin Microbiol Antimicrob* (), Apr 17 2004, 3(1) p4
42. Devictor, Denis J. MD; Nguyen, Duc Tinh MD; the working group on ethics of the European Society of Pediatric and Neonatal Intensive Care. Forgoing life-sustaining treatments in children: A comparison between northern and southern European pediatric intensive care units\* *Pediatr Crit Care Med* 2004; 5:211-215 \* The members of the ESPNIC medical working group on ethics are E. Van der Voort (the Netherlands), J. Ramet (Belgium), P. Biban (Italy), G. Bar-Joseph (Israel), K. E. Edberg (Sweden), M. Derganc (Slovenia), I. Von Rosenstiel (the Netherlands), R. Gemke (the Netherlands), and D. Devictor (France). The following European countries and practitioners have agreed to participate in the study. Greece: G. Briassoulis.
43. Briassoulis G, Karabatsou I, Gogoglou V, Tsorva A. BCG vaccination at three different age groups: response and effectiveness. *J Immune Based Ther Vaccines*. 2005 Apr 1;3(1):1.
44. Briassoulis G, Filippou O, Kanariou M, Hatzis T. Comparative effects of early randomized immune or non-immune-enhancing enteral nutrition on cytokine production in children with septic shock. *Intensive Care Med*. 2005 Jun;31(6):851-8.
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46. Briassoulis G, Tsorva A, Agapitos E, Papadatos J. Unexpected combination of acute croup and myocarditis: case report. *BMC Clin Pathol*. 2005 Jun 7;5:5.

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50. Briassoulis G, Filippou O, Kanariou M, Papassotiriou I, Hatzis T. Temporal nutritional and inflammatory changes in children with severe head injury fed a regular or an immune-enhancing diet: A randomized, controlled trial. *Pediatr Crit Care Med*. 2006 Jan;7(1):56-62.
51. Briassoulis G, Mavrikiou M, Margeli A, Lazaropoulou C, Natsi L, Papassotiriou I, Hatzis T. Circulating levels of KL-6 in acute respiratory distress syndrome sepsis or traumatic brain injury in critically ill children. *Pediatr Pulmonol*. 2006 Aug;41(8):790-5.
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Author in book chapters 13, Scientific editor of Greek APLS

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### Published abstracts in scientific journals

29 published in known medical journals, first author 13, last 6, IF 128 (selected)

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3. Spanaki Am, Yannopoulos A, Vasilaki E, Fitrolaki D, Spanaki K, **Briassoulis G**. Controlled lumbar drainage in pediatric head injury (P1165) *Intensive Care Medicine*, 2006; 32: (S1): S300  
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14. MF Keil, N Gokarn, **G Briassoulis**, M Nesterova, TJ Wu, CA Stratakis. An Anxiety-Like Phenotype Is Present in Prkar1a Heterozygote Knock-Out Mice.. The endocrine society's 92 annual meeting, San Diego, USA, June 19-22, 2010 [P1-195]

#### INTERNATIONAL PRESENTATIONS

**Total international 98, first 36, last 30, and second 13**

**Total national and international presentations 266, first 80, last 84, second 54 (First or last 62%)**

Selected presentations

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4. BRIASSOULIS G, PETRIKKOU M, PAPANDREOU S, SKOYROLIAKOU M, PETRIKKOS G, XANTHOU M. Validity of Gentamycin and Amikacin dose recommendations for sick very low birthweight infants. First Hellenic-British-Scandinavian Meeting of Antimicrobial Chemotherapy and Infectious Diseases. Reykjavik, Iceland, July 25-30, 1988.
5. BRIASSOULIS G, KARABATSOU I, GOGOGLOU V, SYRIOPOULOU V. Sensitivity to tuberculin and scar formation after BCG vaccination with a lyophilized vaccine. XIX Congress of the Union of Middle-Eastern and Mediterranean Pediatric Societies. Athens, Greece, October 19-21, 1990.
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11. BRIASSOULIS G, VASSILOPOULOS A, SIANIDOU L, PAPADATOS J. Barotrauma or Volutrauma? Lung injury among mechanically ventilated children with acute respiratory failure. 21st Annual Hellenic Medical Congress, Athens, Hilton, 9-13 May 1995.
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27. BRIASSOULIS G, ZAVRAS N, KALABALIKIS P, HATZIS T. Effectiveness and safety of early intragastric feeding in critically ill children. 12<sup>th</sup> ESICM Annual Congress – Berlin, 3-6 October 1999.
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35. BRIASSOULIS G, NATSI L, FILIPPOU O, MAVRIKIOU M, KALABALIKIS P, HATZIS T. Characteristics and distribution of antibiotics in PICU. European Society of Intensive Care Medicine, 15<sup>th</sup> Annual Congress, Barcelona, Spain, 29/9-2/10/2002
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55. ADRIANOU P, VASSILAKI E, SPANAKI AM, HANTZARA M, RIKOS N, GAAGOUNI E, ASIMINA E, BRIASSOULIS G. Nursing critically ill children with meningococcal disease on an island. 16th ESPNIC, Antwerp, 16-18 September 2005 (Abstract Book p 111)
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57. MANOUSSAKI E, BRIASSOULIS G, VASILAKI E, SPANAKI AM, STRATIDAKI N, STAYRAKAKI N, ASIMINA E, BRIASSOULIS G. Inaccuracies in knowledge and perceptions regarding basic life support among lay people compared to medical students and physicians. 16th ESPNIC, Antwerp, 16-18 September 2005 (Abstract Book p 133)

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## DOCTORAL DISSERTATION

### G. Briassoulis: Auditory Brainstem Response in Preterm Infants

The auditory brainstem response was evaluated in 60 preterm and fullterm infants considered neurologically optimal using stringent criteria on both clinical and sequential ultrasound assessments.

Normative data are presented on latencies and amplitude ratios of waves I and V and the I-V interpeak latencies both at 80 dB and 60 dB stimulation. Nomograms of the latencies of the waves III and VI and the III-VI interpeak latencies at 60 dB for preterm infants are presented for the first time. Nomograms of the latency - intensity function of the waves V in various groups of gestational ages are plotted out. Deviations from those norms differentiate a hearing disorder or a neurological disorder involving the brainstem from a normally developing infant.

Thresholds of the waves V of the ABR were established in 42 preterm and fullterm infants and a regression score was drawn up for hearing threshold in various gestational ages. Hearing threshold was present at 40 dB in preterm infants between 28 and 34 weeks gestational age, below 30 dB for the gestational age between 35 and 37 weeks and below 20 dB in fullterm infants. The data should provide a baseline for objective and quantitative assessment of hearing loss, early in the neonatal period.

This study showed that the conduction time of the peripheral and the central auditory pathways as well as the hearing threshold in preterm infants, shows maturation with increasing gestational age. There is no difference in the maturation of the auditory pathways inside and outside

the uterus. The physiological and anatomical mechanisms of the auditory brainstem response are briefly covered. The various subject and stimulus factors that can affect the results and their application to preterm infant, are discussed in some detail.

It is anticipated that ABR measurements will become standard for neonatal intensive care units and provide the clinician with objective parameters of neurological status and degree of maturation that may guide diagnosis and treatment. Furthermore, an intact auditory pathway is essential for the acquisition of speech and language, so that the earlier the hearing loss is identified by the ABR method, the sooner the appropriate management can be instituted that will allow the child to achieve his full potential.

## DOCUMENTS



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To Whom it May Concern:

I am pleased to write this letter to summarize Dr. George Briassoulis' work during his stay at the Children's Hospital of Pittsburgh and the University of Pittsburgh. Dr. Briassoulis participated in rounds in the pediatric intensive care unit with the members of the division of Pediatric Critical Care Medicine from November 1, 1995 to May 1, 1996. Although it was not possible for him to participate in the care of patients because of licensing restrictions here in Pennsylvania, he attended rounds diligently and could be found routinely reviewing patient charts, laboratory data, etc. on many patients, including transplant candidates and recipients as well as many others. He often contributed very useful thoughts about patient management to our daily discussions. He attended our conferences, including journal club, didactic sessions, and ethics discussions. In addition to working with our service, he spent a large amount of time with the liver transplantation surgery group, rounding both in the PICU and on the routine nursing unit where stable transplant patients are cared for. He also attended their clinics and conferences, including an international conference held here in Pittsburgh on small bowel transplantation.

In addition to all of the effort he expended on clinical management issues concerning transplant patients and others in the PICU, Dr. Briassoulis distinguished himself by designing a superb study on nutrition in PICU patients. He reviewed the literature, wrote the proposal submitted to our institutional review board, explored the institution to find resources to accomplish this study, gathered and analyzed the data--all essentially on his own. He presented his initial results to our research group, where it became quite clear that he has performed an absolutely outstanding study. He submitted an abstract to the 2nd World Congress on Pediatric Critical Care Medicine which has been accepted for presentation in Rotterdam, and two others to the European Society of Intensive Care Medicine which are currently being reviewed. We are certain that *several* papers will result from his efforts. It is likely that he will emerge as a world authority on nutrition in this special population. Moreover, it is our hope and expectation that this work will serve as the foundation for a continued effort to examine the nutritional needs of critically ill children and the possibility of influencing outcome in these patients through nutritional manipulation.

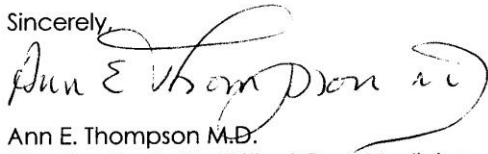


Dr. Briassoulis  
April 26, 1996  
-Page Two-

Dr. Briassoulis has demonstrated remarkable ability to pursue clinical research from idea through implementation. His potential to do excellent research ranks with the best of our fellows. We were honored to have him here, and are sure that his departure will not end our collaboration, but rather be a new phase in a very productive collaboration across continents. Although I know he is very anxious to get back to his home and country, he would be more than welcome to return at any time. We have benefited greatly from his presence.

Thank you for "lending" him to us.

Sincerely,

A handwritten signature in cursive script that reads "Ann E. Thompson M.D." The signature is written in dark ink and is positioned above the typed name.

Ann E. Thompson M.D.  
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Professor of Anesthesiology/CCM and Pediatrics  
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October 30, 2009

To Whom It May Concern

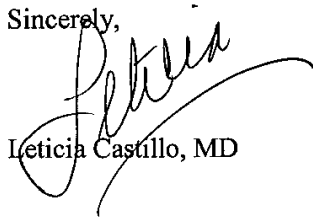
I am delighted to verify that Dr. George Briassoulis, Associate Professor of the University of Crete, has been working at my Laboratory at the Children's Nutrition Research Center at Baylor College of Medicine in Houston, Texas. He was an exchange visitor/research scholar from August 1<sup>st</sup> to October 31<sup>st</sup> 2009. Our laboratory has provided him with the necessary materials and support for the conduct of a project on glutamine and arginine metabolism (translational studies with tracers in septic and healthy children) that could be implemented in his country. He also had the opportunity to gain significant experience on similar translational studies in mice. During his stay with us, he participated in two additional projects: a) arginine deficiency and its role in opioid tolerance and/or dependence observed in critically ill children; and b) epidemiology of intensive care children with H1N1 influenza virus. Two abstracts of his work have been submitted to the SCCM's 39th Critical Care Congress, January 9-12, 2009 and are currently being reviewed. I am certain that he will continue to contribute to analyzing, discussing, and critically reviewing the results of our projects so that more papers will result from his efforts. By his participation in our research programs, we had the chance to exchange mutually beneficial information. Moreover, it is our expectation that this work will serve as an extension to his continued effort to examine the nutritional needs of critically ill children and the possibility of influencing outcome in this group of patients through immune-nutrition.

In addition to all effort, he expended on research studies, Dr Briassoulis was on an everyday basis participating in all other educational and research activities of the PICU and laboratory as well as in rounds in the Pediatric Intensive Care Unit under my supervision and mentorship. He contributed very useful thoughts in our daily discussions and in attendance at our conferences, including: research, grand rounds, fellow research conferences, critical care physiology conferences, lectures, journal clubs, and pediatric ground rounds.

He will continue his project at the laboratory of Professor Constantine A. Stratakis at the National Institute of Health in Bethesda, Maryland, where he will work on genetics and physiology of the metabolic stress response in mice with a cAMP-signaling defect and will investigate various aspects of the (hypothalamic-pituitary-adrenal axis (HPAA) in different stress states (septic and trauma) which intervene with the metabolism and nutritional-immune response. These two research projects are pursuing the same objective on complementary study of the physiology of the metabolic – hormonal response to stress in critically ill children and mice. His research objectives at the University of Crete are related to the metabolic and nutritional response to stress in PICU patients and mice (septic, trauma) and the intervention with immune-nutrition (glutamine, arginine). I am sure that the research experience he has received with our projects has offered him various aspects of new information and application on the metabolic response to stress that could be further expanded by him to benefit his home country.

Dr. Briassoulis has demonstrated excellent ability in clinical research by effectively analyzing the data and critically reviewing and discussing the results. He has the potential to design and perform outstanding clinical research in the field of nutrition in critically ill children. We have benefited greatly from his presence and he would be welcomed back to laboratory at any time. We were honored to have him here, and are sure that his relocation to the NIH and his return back home will not end our collaboration, rather, it would be a new phase in a very productive collaboration across continents in the postgraduate education and research fields.

Sincerely,



Leticia Castillo, MD



DATE: July 23, 2010

TO: Whom It May Concern

From: **Constantine A. Stratakis, MD, D(med)Sci**  
Chief, Program on Developmental Endocrinology & Genetics, NICHD, NIH;  
Director, Pediatric Endocrinology & Pediatric Genetics Fellowships Program, NICHD, NIH  
Acting Scientific Director, NICHD, NIH

SUBJECT: **Dr. George Briasoulis**

I am writing with great enthusiasm a letter of support for Dr. George Briasoulis, MD, PhD, who spent his sabbatical with me from November 2009 to July 2010.

Dr. Briasoulis has had unique training in different areas of pediatrics and is an outstanding academician and teacher. Dr. Briasoulis is an Associate Professor and Director of Pediatric Intensive Care Unit, University Hospital of Heraklion, Crete, Greece. He received his M.D. degree in 1975 and a PhD in 1988 from the Athens University Medical School; Dr. Briasoulis has also received a Diploma in Theology (in 1984) from the Athens University Divinity School. He is ECFMG-certified (1987) and received training in Pediatrics, Neonatology and Intensive Care Medicine at the 1st Department of Pediatrics of the Athens University Medical School from 1983 to 1992. He gradually rose through the ranks from Fellow, Registrar, Senior Registrar, to Associate Director of PICU, Aghia Sophia Children's Hospital, Athens; in 1994, he was appointed Associate Professor, and Director for Pediatric Intensive Care Unit at the University of Crete. During his research career, Dr. Briasoulis has spent time as a research fellow at Pittsburgh Children's Hospital, as well as at the neonatology unit of the Hammersmith Hospital, London, UK. Dr. Briasoulis has published over 56 articles in international journals including *Critical Care Medicine*, *Pediatric Blood and Cancer*, *Intensive Care Medicine*, and *Journal of Pediatrics* to name a few.

While at the NIH, Dr. Briasoulis worked on the genetics and physiology of the hypothalamic-pituitary-adrenal axis (HPAA) using our laboratory mice. He focused on brain region-specific PKA activity and its association with behavioral phenotype and responses to acute stress in our mouse models. He also worked on variety of other projects from the genetics of patients with endocrine tumors to case reports. Dr. Briasoulis most recently presented his NIH research in an extraordinary seminar that was very well received. In addition, Dr. Briasoulis has presented several posters from this work: examples include: (1) at the 2010 DIR Annual Retreat - NIH, Bethesda, Maryland, May 19, 2010, and (2) at the Endocrine Society 2010 annual meeting (San Diego, USA, June 19-22, 2010) [P2-318] on "Anxiety-like behavioral phenotype in PRKAR1A knock-out mice" and on "Lack of mutations in the gene coding for the glucocorticoid receptor (NR3C1) in a pediatric patient with an ACTH-secreting pituitary adenoma, absence of stigmata of Cushing syndrome, and unusual histologic features".

As Dr. Briasoulis' record attests, he rose through the academic ranks with an excellent reputation as a fine and dedicated clinician with organizational and clinical skills that have trained a number of students, residents and fellows. He confirmed his reputation here at the NIH working long hours and being extremely productive in a short time.

Dr. Briasoulis is combining a research background with extraordinary clinical skills. He is wonderful at teaching of fellows and residents, and he is widely recognized as a clinical scholar with contributions and commitment to the development of residents and fellows, as witnessed by his publications and presentations. Dr. Briasoulis has been an exceptional Mentor to our students while here at the NIH, as evidenced by taking numerous and successful students. I saw personally how much he is adored by his students!

Thus, overall, Dr. Briasoulis has maintained an impressive record of scholarly activity and mentoring while also working as a full-time clinician, caring for numerous patients, and teaching full time. As the short time he spent at the NIH showed, Dr. Briasoulis has the organizational and leadership skills to develop a first rate clinic/unit. This is evidenced by his unique accomplishments at the NIH, in such a short time and in a foreign environment. His long term experiences, his perseverance, and motivation make him a unique academic clinician that can provide interface between basic science and clinical research. Furthermore, his work at the NIH is a testimony that Dr. Briasoulis can create a program of excellence from scratch, in any environment.

On a more personal note, George is warm and caring to students and patients alike, and a wonderful friend and colleague to all others that work with him. I have enjoyed tremendously my interaction with George and I will miss him now that he has to go back to the University of Crete; I certainly hope that his many ongoing projects will keep him tied to our laboratory and science.

Thus, I am very pleased to lend my strongest possible support for Dr. George Briasoulis. I wish I could keep him at the NIH, because he is a true asset anywhere he chooses to go! Please do not hesitate to contact me if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'C. Stratakis', with a stylized flourish at the end.

**Constantine A. Stratakis, MD, D (med)Sci**

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