CURRICULUM VITAE

Gabriel DIMITRIOU

PhD

Professor of Pediatrics & Neonatology

School of Medicine, University of Patras

Patras, Greece

October 2013

1. PERSONAL DATA/ QUALIFICATIONS

NAME	Gabriel G. Dimitriou
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E-MAIL ADDRESS	gdimitriou@med.upatras.gr
	gdim@upatras.gr
DATE OF BIRTH	17th January 1959
NATIONALITY	Greek
GMC No	4036764 (Full Registration)
MARITAL STATUS	Married
EDUCATION	1976-1983, University of Athens, School of Medicine, Greece
QUALIFICATIONS	MD, University of Athens, School of Medicine, Greece, 1983
	Hellenic Board of Paediatrics, 1990
	Certificate of special training in Neonatology, 1996
	GMC's Specialist Register (equiv. to a CCST) in Paediatrics, 1996 (UK)
	PhD (University of London), 2003
	GMC's Specialist Register in Paediatrics [Neonatal Medicine], 2004 (UK)
MILITARY SERVICE	1983 - 1985 (mandatory)
NATIONAL RURAL SERVICE	1985 - 1986 (mandatory)

2. HOSPITAL/ACADEMIC APPOINTMENTS

CURRENT APPOINTMENT

September 2013-present	Professor in Paediatrics & Neonatology, Chairman of Depart. of Paediatrics, NICU & PICU, University of Patras Medical School, Patras, Greece

PREVIOUS APPOINTMENTS

Nov.1984-June 1985	House Physician, Department of Haematology-Oncology,

	"401" General Military Hospital, Athens, Greece.
July 1985-July1986	Senior House Officer in Paediatrics, Department of Paediatrics, General Hospital of Mitilini, Lesvos, Greece.
March 1987-March 1990	Senior House Officer in Paediatrics, Department of Paediatrics, University of Patras, School of Medicine, Patras, Greece.
Aug.1990-Sept. 1993	Fellow in Neonatology/ Senior Registrar, Department of Paediatrics, University of Patras, School of Medicine, Patras,Greece.
Sept.1993 –July 1995	Clinical Research Fellow, Department of Child Health, King's College Hospital, London.
Aug.1995 –Sept.1996	Consultant, Department of Paediatrics, University of Patras, School of Medicine, Patras,Greece.
Sept. 1996- Sept.2000	Clinical Research Fellow to Professor Anne Greenough, Honorary Senior Registrar, Department of Child Health, King's College Hospital, London. Registered PhD student at University of London (1996-2001).
June 2001-February 2002	Locum Specialist Registrar, Neonatal Intensive Care Unit, Department of Child Health, King's College Hospital, London.
March 2002-January 2005	Clinical lecturer in Perinatology, Guy's, King's College & St Thomas' Hospitals' Medical and Dental School, London, UK. L.Consultant, NICU, Department of Child Health, King's College Hospital, London, UK.
March 2005-October 2011	Associate Professor in Paediatrics-Neonatology, Medical Director NICU, University of Patras Medical School, Patras, Greece
October 2011-August 2013	Professor in Paediatrics & Neonatology, Medical Director NICU, University of Patras Medical School, Patras, Greece

3. THESIS (DOCTOR OF PHILOSHOPHY-PhD) UNIVERSITY OF LONDON

Title : "Diaphragmatic function in surgically correctable birth defects and its relationship to respiratory morbidity".

I was awarded the PhD on 30th June 2003

4. CLINICAL EXPERIENCE IN PAEDIATRICS-NEONATOLOGY/ CLINICAL WORK

My training has covered all aspects of general paediatrics and neonatology. As an SHO I worked in a teaching hospital (Patras, Greece) which served an area with a population over a million people. I worked in paediatric A&E, the general paediatric wards and the Neonatal Intensive Care Unit. I was involved in the care of children with a wide range of acute and chronic problems. I looked after children with neurological, respiratory and renal problems as well as children with endocrinopathies and infectious diseases. Also, I took care of children with β-thalassaemia and sickle cell disease. In the Neonatal Intensive Care Unit I became competent in procedures such as endotracheal intubation, insertion of umbilical arterial catheters and chest drains. I attended deliveries of many infants requiring resuscitation and dealt with a wide range of neonatal problems on the postnatal wards. My on call commitments were a 1:3 rota.

After four years of training, I took the relevant examinations and I was admitted to the registry of medical specialists (Paediatrics) under E.U. directive 93/16.

I then entered a fellowship training program in Neonatology. I worked in a busy Neonatal Intensive Care Unit (University of Patras). The Neonatal Intensive Care Unit in Patras is a regional referral centre with 30 cots, 10 of which are intensive. My on call commitments were a 1:3 rota. I participated in the general paediatric clinics and the neonatal outpatient follow-up clinic. In 1996, I meaningfully took the certificate of special training in Neonatal Intensive care.

In 1993, I moved to London to pursue research in the field of Neonatal Medicine. At King's College Hospital my clinical commitments have been on a 1:8 in the SpR on call rota for the neonatal intensive care unit. The Children Nationwide Neonatal Intensive Care Unit is a supra-regional referral centre with 30 cots, 10 of which are intensive and it incorporates many innovations. I had the opportunity to gain experience with new techniques of mechanical ventilation, Patient Triggered Ventilation, High Frequency Oscillation and in addition the use of NO (Nitric Oxide) and Extracorporeal membrane oxygenation.

There is a close relationship with the department of Obstetrics in the management of perinatal problems, particularly fetal problems that require prenatal and postnatal treatments, and are referred to the supra regional unit of Harris Birthright Fetal Centre. I have attended the weekly perinatal planning meeting.

As a locum SpR in the Children Nationwide Regional Neonatal Centre at King's College Hospital I was responsible for the day to day management of the babies on the unit. I have became competent in cranial ultrasonography.
As a Clinical lecturer in Perinatology I had one clinical session per week. I participated in the neonatal outpatient follow-up clinic. I also looked after patients with respiratory problems in the Paediatric Respiratory Laboratory. As a L. Consultant I ran the NICU on a daily base.
In November 1996 my name was included in the UK GMC's Specialist Register in the specialty of Paediatrics and in 2004 in the specialty of Paediatrics [Neonatal Medicine].

As Associate Professor and then Professor of Paediatrics and Neonatology in University Hospital of Patras I was the Medical Director of NICU. I was responsible for the day to day management of the babies on the unit and the supervision of the medical care. The NICU, Depart. of Paediatrics, University of Patras Medical School is an extremely busy referral centre for Northwest Greece with both surgical and medical admissions. High frequency oscillation, nitric oxide and all forms of respiratory support are used routinely on the NICU. The unit is a training centre for neonatology.
As a Chairman of the Department of Paediatrics (including the NICU and PICU) I am responsible for the assurance of the best quality medical care given to the patients. I am still involved to the management of the babies on the NICU.

5. TEACHING

Since qualification all my posts have involved teaching. At University of Patras I was responsible for teaching undergraduate and postgraduate students, organising a neonatal module and teaching the SHO's.
At King's, I have been involved in the annual neonatal physiology course for the BSc students and I have taken an active part in postgraduate meetings in the Neonatal Unit. I have also been involved in supervising medical and physiology students on their projects. As a locum SpR I have been involved in teaching medical students on a regular basis. I was tutor in Paediatrics for undergraduate students at Guy's, King's College & St Thomas' Hospitals' Medical and Dental School. I have given lectures to meetings for the training of Specialist Registrars (London, Oxford & Cambridge Neonatology Training Programme for

Monospecialty Neonatology Trainees, St. George's Training Programme) as well as at the London Paediatric Respiratory Group meetings.

As Associate Professor and Professor of Paediatrics and Neonatology, I have done regular teaching in undergraduate and postgraduate students, Paediatric residents and trainees in Neonatal Medicine at University of Patras Medical School. I participated in the postgraduate training program of other Departments of University of Patras Medical School and the postgraduate training program of Paediatric Departments /NICUs of other Greek Universities and Hospitals.

I was invited speaker in 41 Greek and 20 International Seminars/Congresses.

I attented several teaching courses ("Teaching the teachers", "Effective teaching techniques - the TIPS course", "Introduction to PBL- learn how to be a PBL tutor") at the Guy's, King's College & St Thomas' Medical and Dental School, London, UK.

6. RESEARCH

Nov.1984-June 1985	In the Laboratory of Clinical Research, Department of Haematology-Oncology of "401"General Military Hospital, I measured red blood cell enzymes activity in adults with a wide range of diseases. This work led to a conference presentation on the activity of several enzymes in red blood cells of patients with hyperthyroidism.
Sept.1993 –July 1995	Under the direction of Prof Anne Greenough at King's College Hospital, my research covered the following topics: - The measurement of lung function and volume in ventilated infants. - The optimization of ventilation (including high frequency oscillation) in the neonatal intensive care unit. - The use of inhaled steroids in neonatal chronic lung disease. - The use of synchronous intermittent mandatory ventilation modes and patient triggered ventilation in the neonatal intensive care unit. - The use of nitric oxide in neonates with pulmonary hypertension.

This work was supported by the National Health System of Greece.

Sept 1996-Sept 2000 At King's College Hospital, I was conducting research in the field of neonatal respiratory function.

In November 1996 I registered with London University as a PhD student with the project title "Diaphragmatic function in surgically correctable birth defects and its relationship to respiratory morbidity".

The thesis was based on the novel technique of magnetic stimulation of the phrenic nerve to assess diaphragmatic function in neonates.

Using an anterolateral approach and 90mm magnetic coils we were able to stimulate the phrenic nerve bilaterally and obtain transdiaphragmatic pressure responses in term and preterm neonates.

I also used other techniques to assess diaphragmatic function in infants. These included the measurement of maximum inspiratory and maximum transdiaphragmatic pressure during crying. This work led to a number of papers that were published. .

March 2002-January 2005 At King's College Hospital, I continued my research in the field of neonatal respiratory and diaphragmatic function.

I have participated in a number of trials related to :

a. the use of HFO in term and preterm infants:

- volume delivery during high frequency oscillation
- correlation of lung volume before HFO with the mean airway pressure used during HFO in a single-diagnosis

group (RDS)

- optimization of the inspiration:expiration(I:E) ratio during HFO
- measurement of cerebral blood flow velocity during HFO

b. weaning methods

- comparing different modes of synchronized ventilation or different triggered ventilators to develop more effective weaning strategies or to identify which triggered mechanism is superior in very premature infants

c. computer assisted analysis of the CxR lung area

- correlation of the method with lung volume measurements
- prediction of failure of extubation from mechanical ventilation in preterm neonates
- prediction of outcome of infants with congenital diaphragmatic hernia
- oxygenation optimization on transfer to HFO

d. assessment of diaphragmatic function in neonates

- measurement of maximum inspiratory and expiratory pressure in healthy term and preterm neonates
- measurement of maximum inspiratory pressure and prediction of extubation failure in preterm infants
- measurement of maximum transdiaphragmatic pressure in term and preterm neonates

e. lung volume and lung function measurements

- prediction extubation failure in preterm neonates
- prediction of CLD in VLBW infants
- pre and post operation in surgical infants (AWD,CDH)

In addition, I took an active part in a wide range of clinical trials:

- randomized trial of fluid restriction in ventilated VLBW infants
- comparison of two fluid input regimens on perinatal lung function of ventilated VLBW infants
- comparison of respiratory function and fluid balance in VLBW infants given artificial or natural surfactant treatment
- plasma arginine levels and response to inhaled nitric oxide in neonates
- appropriate PEEP level in surfactant treated preterm infants

	- elective use of nasal CPAP following extubation of preterm infants
January 2005-present	Research on the field of lung function, respiratory muscles and neonatal infections in the NICU of University Hospital of Patras. - association of ACE gene polymorphism with diaphragmatic endurance in infants - diaphragmatic muscle strength and endurance to fatigue on preterm and term infants - methods of preventing extubation failure of preterm infants supported by mechanical ventilation. - measurement of diaphragmatic endurance in infants with bronchopulmonary dysplasia - optimization of mechanical ventilation in neonates. - respiratory muscle strength and endurance in children with cystic fibrosis -genetic risk factors predisposing to respiratory distress syndrome in late-preterm newborns -neonatal infections

I am Principal Supervisor of 5 PhD's.

AUDITS

I audited the effects of the Neonatal Unit fluid policy on the incidence of renal failure and chronic lung disease in Very Low Birth Weight ventilated infants. The results of this audit used for the design of a randomized trial examining the effect of two different fluid regimes on oxygen dependency in preterm infants.

In addition, I audited the effects of feeding schedule on days of intensive care and hospitalization in infants with abdominal wall defects. These results helped in changing practice for earlier feeding of these infants.

7. MANAGEMENT EXPERIENCE

At the University Hospital of Patras, Greece, during my fellowship training I was elected as a member of the Medical Committee, having the role of representing doctors of the Hospital

and of ensuring quality of care for patients. I was also responsible for running the paediatric on call rota.

I organized the Respiratory Muscle Assessment Laboratory at the NICU, Dept of Paediatrics, University of Patras, Medical School.

As Medical director of the NICU, University of Patras, Greece, I was responsible for the organization of the neonatal intensive care unit.

As Chairman of the Department of Paediatrics, NICU & PICU, University of Patras Medical School, Patras, Greece, I am responsible for the administration of the Department and the organization of the undergraduate and postgraduate teaching.

I have attended the management skills courses organised by the postgraduate medical centre for SpRs at King's College Hospital.

8. PRIZES-FUNDING

1980, 1981, 1982:	Scholarship from the University of Athens, Greece,
1995:	South Thames Regional Health Authority- Research funding
1995:	Travel Fellowship - British Lung Foundation, 1995.
1996-2000:	Children Nationwide Medical Research- Research funding
2008:	Competitive funding, "K. Karatheodoris Research Fund"
2010:	Heraclitus II Research Funding for 2 PhD students (Proposal code 74) and (Proposal code 76).

9. COURSES-SEMINARS

-Getting a Review into RevMan (neonatal group)-Cochrane Collaboration; Liverpool 1997

-Neonatal Head Imaging; London 1999

-Advanced management course for SpRs; King's College Hospital, June 2001

-Teaching the teachers; King's College Hospital, January 2002

-Effective teaching techniques-the "TIPS" course; Guy's Hospital, March 2002

-Introduction to PBL-learn how to be a PBL tutor; Guy's Hospital, April 2002

10. MEMBERSHIP OF SOCIETIES

Medical Association of Patras, Greece

Hellenic Paediatric Society

Hellenic Society for Perinatal Medicine

Hellenic Neonatal Society

Neonatal Society, UK

European Respiratory Society (ERS)

European Society for Paediatric Research (ESPR)

11. PHD THESES ADVISOR

1. Angiotensin converting enzyme (ACE) gene polymorphism and respiratory muscle function in infants (completed and presented-2010).
2. Respiratory muscle strength and endurance in children with Cystic Fibrosis (completed and presented-2013).
3. Genetic risk factors predisposing to Respiratory Distress Syndrome in late preterm infants (completed)
4. Cardiovascular adaptation in term and preterm IUGR infants (completed).

   Perinatal factors predisposing to allergic diseases in childhood (completed).

Member in 8 supervising committees of Phd Dissertations.

12. EVALUATION OF SCIENTIFIC WORK

12.1 REVIEWER FOR SCIENTIFIC JOURNALS

1. Archives of Diseases in Childhood
2. American Journal of Critical Care and Respiratory Diseases
3. Pediatrics
4. J Pediatrics
5. Journal in Perinatal Medicine
6. BioMed Central
7. Pediatric Pulmonology
8. Respiratory Medicine
9. ISRN Pediatrics

10. Clinical Science
11. Paediatric and Perinatal Epidemiology
12. BMC Infectious Diseases
13. Chronobiology International
14. Pediatrics International (Official Journal of Japan Pediatric Society)
15. Developmental Medicine and Child Neurology (DMCN)
16. International Journal for Biotechnology and Molecular Biology Research (IJBMBR).
17. International Journal of Infectious Diseases
18. BMC Pediatrics
19. Respiratory Reviews
20. European Journal of Pediatrics
21. ISRN Critical care
22. World Journal of Pediatrics
23. Neonatology
24. PLOS ONE
25. Folia Microbiologica
26. Journal of Anesthesia & Clinical Research
27. "Paediatrics" (Journal of the Hellenic Pediatric Society)
28. "Perinatal Medicine and Neonatology" (Journal of the Hellenic Society of Perinatal Medicine and the Hellenic Neonatal Society)

12.2 CHAIRMAN OF SESSIONS IN INTERNATIONAL CONGRESSES

-14th European Society of Paediatric and Neonatal Intensive Care Congress, Athens, Greece, 2003

-European Respiratory Society (ERS) Annual Congress, Copenhagen, Denmark, 2005

-5th International Workshop on Neonatology, Cagliari, Italy, 2009

12.3 EXPERT REVIEWER OF APPLICATIONS FOR INTERNATIONAL RESEARCH GRANTS

Application Title: Breath-by-breath arterial oxygen tension oscillations and ventilation strategies in Acute Respiratory Distress Syndrome

Institution: University of Oxford

From Medical Research Council (UK)

12.4 EDITORIAL BOARD MEMBER OF INTERNATIONAL MEDICAL JOURNALS

Journal of Perinatal Medicine

ISRN Pediatrics

ISRN Critical Care

Advances in Medicine

12.5 "THE COCHRANE COLLABORATION"

Reviewer of "The Cochrane Collaboration- *The Cochrane Database of Systematic Reviews*"

12.6 PARTICIPATION IN MULTICENTER TRIALS

- ✓ "European Neonatal Mechanical Ventilation Study"
- ✓ "Trial to Evaluate a Specified Type of APGAR [TEST-APGAR-Study]"(2007-2009).
- ✓ "European study of neonatal excipient exposure"
- ✓ "European survey of sedation and analgesia practices for newborns admitted to intensive care units-THE EUROPAIN STUDY"
- ✓ "ISN/Protocol 9463-CL -2303: A Phase 3, Randomized, Double-Blind, Multi-Center Study to Compare the Efficacy and Safety of Micafungin Versus Amphotericin B Deoxycholate for the Treatment of Neonatal Candidiasis"
- ✓ "The Neonatal Healthcare-associated Infection Epidemiology Cohort (NeoHIEC) Study"
- ✓ "TINN2 SURVEY"
- ✓ " Incidence and risk factors of RSV infection in children $\leq$ 2 years old admitted to the hospital for lower respiratory track infection

Participation in the **EUROPEAN NEONATAL INFECTION SURVEILLANCE NETWORK- neonIn.**

12.7 PARTICIPATION IN COMMITTEES-ADMINISTRATIVE POSITIONS

1. Chairman of the Neonatology Committee of the Hellenic Society of Perinatal Medicine – Perinatal/Neonatal clinical protocols (2009-2010).
2. Participation in the committee of the Protocols of Medical Practice and Drugs of the National Organization for Medicines (EOF)
3. National representative for the European training in Neonatology "Subspecialty Training in Neonatology EU" of the European Society for Neonatology (ESN).
4. Vice-president of the Hellenic Neonatal Society Board
5. Academic Advisor of DOATAP
6. Editor of the "Perinatal Medicine and Neonatology", the journal of the Hellenic Society of Perinatal Medicine and the Hellenic Neonatal Society
7. Chairman of the Department of Paediatrics , NICU and PICU
8. Member of the examination committee for Specialist training in Paediatrics- Hellenic Board of Paediatrics (Patras region)

12.8 AWARDS

- ✓ "Effect of angiotensin converting enzyme (ACE) gene polymorphism on diaphragmatic endurance in neonates" 15th Annual Congress of Hellenic Perinatal Society, 2009, for the best oral presentation
- ✓ "Association of circulating angiotensin converting enzyme activity with respiratory muscle function in infants" 3rd Annual Congress of Hellenic Neonatal Society, 2010, for the best oral presentation

13.9 PUBLICATIONS

- ✓ **109 publications (101 in PubMed) in international journals, (24 in the last 5 years)**
- ✓ **7 publications in Greek journals , (3 in the last 5 years)**
- ✓ **2 chapters in a Greek Pediatric textbook**
- ✓ **76 abstracts published in international journals**

Publications in journals presented in Medline and Impact Factors		
Journal	**Number of publications**	**Impact factor 2012 (JCR)**
Lancet	1	38.278
Am J Respir Crit Care Med	2	10.424
Cochrane Database Syst Rev	4	5.912
Clin Exp Allergy	1	5.032
Pediatr Res	1	2.700
Transplantation	1	4.003
Arch Dis Child-Fetal	11	3.045
Pediatr Pulmonol	7	2.533
J Pediatr Surg	7	1.450
Acta Paediatr	5	2.073
Early Hum Dev	7	2.046
Biol Neonate (Neonatology)	3	2.656
Eur J Pediatr	24	1.879
Physiol Meas	3	1.677
Int J Cardiol	1	7.078
Br J Radiol	4	1.314
J Perinat Med	4	1.702
Pediatr Surg Int	1	1.253
Turk J Pediatr	2	0.441
Respir Res	1	3.360
J Pediatr	1	4.115
Pediatr Crit Care Med	1	3.129
Pediatr Cardiol	1	1.298
Clin Microbiol Infect	1	4.540
J Appl Physiol	1	3.753
Mycopathologia	1	1.654
Resp Care	1	2.012
Respir Med	1	2.475

Total Impact Factor (IF): 297.88, meanIF: 2.95

- ✓ **Citations (Scopus): 1067 (109 self citations)**
- ✓ **Citations in Textbooks: 212 (Nelson Textbook of Pediatrics, Avery's Diseases of the Newborn, Klaus and Fanaroff's Care of the High-Risk Neonate etc)**

TOTAL NUMBER OF CITATIONS: 1279

- ✓ **h-index: 18**

14. INVITED SPEAKER IN INTERNATIONAL SEMINARS /CONGRESSES

1. *"Predictors of extubation failure from mechanical ventilation"*
Respiratory Physiology interdisciplinary research group meeting, London, UK, 1999.

2. *"Assessment of diaphragmatic function and prediction of weaning"*
London Paediatric Respiratory Group meeting, London, UK, 2000.

3. *"Synchronised mechanical ventilation in infants"*
Guy's, King's College, St Thomas' and St George's Hospitals meeting, London, UK, 2001.

4. *"Diaphragmatic function in an infant with CDH"*
Guy's, King's College, St Thomas' and St George's Hospitals meeting, London, UK, 2003.

5. *"Diaphragmatic function in the newborn"*
London, Oxford & Cambridge Neonatology Training Programme for Monospecialty Neonatology Trainees, London, UK, 2003.

6. *"Diaphragmatic function in infants with CDH"*
London Paediatric Respiratory Group meeting, London, UK, 2003.

7. *"Measurement of diaphragmatic tension-time index and prediction of extubation failure in infants"*
12th European Neonatal Workshop, Crete, Greece, 2003.

8. *"Assessment of respiratory muscle function in infants"*

14th European Society of Paediatric and Neonatal Intensive Care Congress, Athens, Greece, 2003

9. *"Synchronised mechanical ventilation in infants"*
14th European Society of Paediatric and Neonatal Intensive Care Congress, Athens, Greece, 2003

10. *"The effect of synchronised and conventional mechanical ventilation on the respiratory workload of premature infants"*
13rd European Neonatal Workshop, Titisee, Germany, 2005

11. *"New modes of neonatal mechanical ventilation"*
61º Congress of the Italian Society of Paediatrics, Montecatini, Italy, 2005.

12.*"Diaphragmatic endurance following repair of surgically correctable birth defects"*
14th European Neonatal Workshop, Trondheim, Norway, 2006.

13."*The effect of different modes of synchronised mechanical ventilation on the respiratory workload of premature infants"*
15th European Neonatal Workshop, Dinard, France, 2007.

14."*Effect of angiotensin converting enzyme (ACE) gene polymorphism on diaphragmatic strength and endurance in infants"*
16th European Neonatal Workshop, Leuven, Belgium, 2008

15."*Effect of circulating angiotensin converting enzyme (ACE) on diaphragmatic strength in infants"*
17th European Neonatal Workshop, Vila do Conde, Porto, Portugal, 2009

16. "*Persistent coagulase-negative staphylococcal bacteraemia in a neonatal intensive care unit: Clinical and molecular profile"*
18th European Workshop on Neonatology, Bonn, Germany, 2010

17. *"Cardiac remodelling and subclinical myocardial dysfunction in growth-restricted neonates"*
19th European Workshop on Neonatology, Segovia, Spain, 2011

18. *"The effect of a brief trial of endotracheal CPAP before extubation on the work of breathing in preterm infants"*
20th European Workshop on Neonatology, Talin, Esthonia, 2012

19. *"High Frequency Oscillatory Ventilation in the neonatal period"*
2nd Turkish-Hellenic days in Neonatology, Istanbul, Turkey, 2012

20. "*Validation of a non-invasive Pressure-Time Index of inspiratory muscles in spontaneously breathing infants"*
21st European Workshop on Neonatology, London, UK, 2013

15. INVITED SPEAKER IN GREEK SEMINARS/CONGRESSES

41 lectures in Greek Conferences

16. PUBLICATIONS IN INTERNATIONAL JOURNALS

1. Chan V, Greenough A, **Dimitriou G**. High frequency oscillation, respiratory activity and changes in blood gases. Early Hum Dev 1995; 40:87-94.

2. **Dimitriou G**,Greenough A. Volume delivery during positive pressure inflation-relationship to spontaneous tidal volume of neonates. Early Hum Dev 1995;41:61-68.

3. **Dimitriou G**,Greenough A. Measurement of lung volume and optimal oxygenation during high frequency oscillation. Arch Dis Child 1995;72:180-183.

4. **Dimitriou G**,Greenough A,Giffin F, Chan V. Synchronous intermittent mandatory ventilation modes compared with patient triggered ventilation during weaning. Arch Dis Child 1995;72:188-190.

5. **Dimitriou G**, Greenough A, Giffin F, Karani J. The appearance of "early" chest radiographs and the response to surfactant replacement therapy. Br J Radiol 1995;68:1177-1180.

6. **Dimitriou G**, Greenough A, Chan V, Gamsu HR, Howard ER, Nicolaides K.H. Prognostic indicators in congenital diaphragmatic hernia. J Pediatr Surg 1995;30 (12):1694-1697.

7. **Dimitriou G**, Greenough A, Kavvadia V. Early measurement of lung volume-a useful discriminator of neonatal respiratory failure severity. Physiol Meas 1995; 17:37-42.

8. **Dimitriou G**, Greenough A, Laubscher B. Lung volume measurements immediately after extubation by prediction of "extubation failure" in premature infants. Pediatr Pulmonol 1996; 21:250-254.

9. **Dimitriou G**, Greenough A, Gamsu HR, Davenport M, Nicolaides K.H. Temporary impairement of lung function in infants with abdominal wall defects who have undergone surgery. J Pediatr Surg 1996;31: 670-672.

10. **Dimitriou G**, Greenough A, Castling D, Kavvadia V. A comparison of supine and prone positioning in oxygen dependent and convalescent premature infants. Br J Intens Care 1996;6(8):254-259.

11. Greenough A, Giffin FJ, Yuksel B, **Dimitriou G**. Respiratory morbidity in young school children born prematurely - chronic lung disease is not a risk factor. Eur J Pediatr 1996;155:823-826.

12. **Dimitriou G**, Greenough A, Giffin FJ, Kavvadia V. Inhaled versus systemic steroids in chronic oxygen dependency in preterm infants. Eur J Pediatr 1997;156:51-55.

13. **Dimitriou G**, Greenough A, Kavvadia V. Changes in lung volume, compliance and oxygenation in the first 48 hours of life in infants given surfactant. J Perinat Med 1997;25:49-54.

14. Giffin FJ, Greenough A, **Dimitriou G** ,Naik S. Risk factors for hyperinflation in young school children born prematurely. Eur J Pediatr 1997;156:148-151.

15. Kavvadia V,Greenough A, Laubscher B, **Dimitriou G**, Davenport M, Nicolaides K.H. Perioperative assessement of respiratory compliance and lung volume in infants with congenital diaphragmatic hernia: prediction of outcome. J Pediatr Surg 1997; 32(12): 1665-9

16. Naik S, Greenough A, Giffin FJ, **Dimitriou G**, Price JF. Prospective study of lung volumes in young asthmatic children. Acta Paediatr1997;86:1298-1300.

17. Laubscher B, Greenough A, **Dimitriou G**. Comparative effects of theophylline and caffeine on respiratory function of prematurely born infants. Early Hum Dev 1998; 50:185-192

18. Greenough A, Zhang Y-X, Yüksel B, **Dimitriou G**. Assessment of prematurely born children at follow-up using a tidal breathing parameter. Physiol Meas 1998;19:111-116.

19. Kavvadia V, Greenough A, **Dimitriou G**, Hooper R. Influence of ethnic origin on respiratory distress in very premature infants. Arch Dis Child 1998;78: F25-28

20. Laubscher B, Greenough A, **Dimitriou G**, Davenport M, Nicolaides K.H. Serial lung volume measurements during the perinatal period in infants with abdominal wall defects. J Pediatr Surg 1998;33:497-499.

21. **Dimitriou G**, Greenough A, Kavvadia V, Laubscher B, Milner AD. Volume delivery during High Frequency Oscillation. Arch Dis Child 1998;78: F148-50

22. Kavvadia V, Greenough A, **Dimitriou G**, Itakura Y. Lung volume measurements in infants with and without chronic lung disease. Eur J Pediatr 1998; 157: 336-339.

23. Belgaumkar A,Greenough A, Kavvadia V, **Dimitriou G**. Metabolic acidosis:response to albumin infusion.Eur J Paediatr 1998;157:520-522.

24. Greenough A, Milner AD, **Dimitriou G**. Volume controlled and time cycled pressure limited ventilation (letter). Arch Dis Child 1998;79:F79.

25. **Dimitriou G**, Greenough A, Laubscher B, Yamaguchi N. Comparison of airway pressure-triggered and airflow-triggered ventilation in very immature infants. Acta Paediatr 1998;87:1256-1260.

26. Rafferty G, Greenough A, **Dimitriou G**, Polkey M, Long A, Davenport M, Moxham J. Assessment of neonatal diaphragmatic paralysis using magnetic phrenic nerve stimulation. Pediatr Pulmonol 1999;27:224-226.

27. Kavvadia V,Greenough A, **Dimitriou G**. Comparison of respiratory function and fluid balance in very low birthweight infants given artificial or natural or no surfactant treatment. J. Perinat. Med.1998; 26:469-474.

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Journal of Neonatal-Perinatal Medicine 2012; Volume 5, Number 2, p 194.

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Dassios T.G., Katelari A., Doudounakis S., **Dimitriou G**.
Journal of Cystic Fibrosis, Volume 12, Supplement 1, June 2013, Page S95

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G. Dimitriou, A. Vervenioti, D. Papakonstantinou, S. Tzifas, S. Mantagos.
Journal of Neonatal-Perinatal Medicine 2013; Volume 6, Number 2, p 187-201

Total Number:76

18. PRESENTATIONS (INTERNATIONAL CONFERENCES)

1. Lung volume measurements and prediction of extubation failure of mechanically ventilated

premature infants.
Dimitriou G, Greenough A. Paediatric Research Society Meeting, 1994, UK

2. Measurement of lung volume and optimization of oxygenation during high frequency oscillation.
Dimitriou G, Greenough A. The Summer Meeting -The Neonatal Society, 1994, Leeds, UK

3. Synchronous intermittent mandatory ventilation modes versus patient triggered ventilation during weaning of premature infants.
Dimitriou G, Greenough A, Giffin F, Chan V. The Autumn Meeting -The Neonatal Society, 1994, London, UK

4. Randomized trial comparing inhaled versus systemically administered corticosteroids in premature infants.
Dimitriou G, Greenough A, Giffin FJ. 67th annual meeting -British Paediatric Association, 1995, York, UK

5. Diagnosis - specific response to inhaled nitric oxide in neonates?
Laubscher B, **Dimitriou G**, Devane SP, Greenough A, Paediatric Research Society Autumn Meeting, 1995, Exeter, UK

6. Measurement of functional residual capacity-a useful discriminator of neonatal respiratory disease severity.
Dimitriou G, Greenough A, Laubscher B. Fetal and Neonatal Physiological Measurement, 1995, UK

7. Early diagnosis of pulmonary hypoplasia in infants with congenital diaphragmatic hernia.
Dimitriou G, Greenough A, Nicolaides K.H. European Respiratory Society Annual Congress, 1995, Barcelona, Spain

8. Temporal relationships of changes in lung function and oxygenation following surfactant replacement therapy.

Dimitriou G, Greenough A. European Respiratory Society Annual Congress, 1995, Barcelona, Spain

9. Prediction of chronic oxygen dependency in premature infants using lung volume measurements.
Dimitriou G, Greenough A. European Respiratory Society Annual Congress, 1995, Barcelona, Spain

10. Congenital diaphragmatic hernia-predictors of outcome.
Dimitriou G, Greenough A, Nicolaides K.H. European Respiratory Society Annual Congress, 1995, Barcelona, Spain

11. Dose response studies of inhaled nitric oxide in neonates with PPHN and RDS.
Dimitriou G, Greenough A, Devane S.P. European Respiratory Society Annual Congress, 1995, Barcelona, Spain

12. Extremely preterm infants with respiratory failure-response to High Frequency Oscillation.
Dimitriou G, Greenough A. European Respiratory Society Annual Congress, 1995, Barcelona, Spain

13. Abnormal lung function in the perinatal period in infants with anterior abdominal wall defects.
Dimitriou G, Greenough A, Davenport M, Nicolaides K.H. European Respiratory Society Annual Congress, 1995, Barcelona, Spain

14. Chest radiograph appearance and response to surfactant replacement therapy.
Dimitriou G, Greenough A, Giffin F, Karani J. European Respiratory Society Annual Congress, 1995, Barcelona, Spain

15. Weaning failure during triggered ventilation modes.
Dimitriou G, Greenough A. European Respiratory Society Annual Congress, 1995, Barcelona, Spain

16. Lung volume and compliance in very immature infants with and without RDS.
Kavvadia V, Greenough A, **Dimitriou G,** Itakura Y. European Respiratory Society Annual Congress, 1996, Stockholm, Sweden

17. Lung function of infants with congenital diaphragmatic hernia in the neonatal period.
Kavvadia V, Greenough A, **Dimitriou G,** Davenport M. European Respiratory Society Annual Congress, 1996, Stockholm, Sweden

18. Volume delivery during High Frequency Oscillation.
Dimitriou G, Greenough A, Kavvadia V, Laubscher B, Milner AD. 1st annual meeting -Royal College of Paediatrics and Child Health, 1997, York, UK

19. Improvements in pulmonary function following surfactant replacement therapy-independent of diuresis.
Kavvadia V, Greenough A, **Dimitriou G**. 1st annual meeting- Royal College of Paediatrics and Child Health, 1997, York, UK

20. Respiratory function and fluid balance after artificial and natural surfactant.
Dimitriou G, Greenough A, Kavvadia V. The Autumn Meeting - The Neonatal Society, 1997, London, UK

21. Assessement of neonatal diaphragm function by magnetic stimulation of the phrenic nerves.
Rafferty GF, **Dimitriou G**, Laubscher B, Moxham J, Greenough A. British Thoracic Society Meeting, 1997, London, UK

22. Inspiratory:expiratory ratio during high frequency oscillation.
Dimitriou G, Greenough A & Kavvadia V. 2nd annual meeting -Royal College of Paediatrics and Child Health, 1998, York, UK

23. Fluid restriction and perinatal lung function.
Kavvadia V, Greenough A, **Dimitriou G.** 2nd annual meeting - Royal College of Paediatrics and Child Health, 1998, York, UK

24. Chronic respiratory morbidity following premature delivery-is prolonged respiratory support requirement an accurate predictor?
Kinali M, Greenough A, **Dimitriou G.** 2nd annual meeting- Royal College of Paediatrics and Child Health, 1998, York, UK

25. Prediction of extubation failure in preterm neonates.
Kavvadia V, Greenough A, **Dimitriou G.** The Summer Meeting - The Neonatal Society, 1998, Rennes, France

26. A radiographic method for assessing neonatal lung volume.
Dimitriou G, Greenough A, Kavvadia V, Shute M, Karani J. European Respiratory Society Annual Congress, 1998, Geneva, Switzerland.

27. Comparison of airway pressure and airflow triggered ventilation in very immature infants.
Dimitriou G, Greenough A, Laubscher B, Yamaguchi N. European Respiratory Society Annual Congress, 1998, Geneva, Switzerland.

28. Prediction of outcome in infants with congenital diaphragmatic hernia from the chest x-ray.
Dimitriou G, Greenough A, Davenport M. European Respiratory Society Annual Congress, 1998, Geneva, Switzerland.

29. Arginine vasopressin and prediction of neonatal chronic lung disease.
Kavvadia V, Greenough A, **Dimitriou G**, Forsling M. European Respiratory Society Annual Congress, 1998, Geneva, Switzerland.

30. Neonatal diaphragm function assessed by anterior magnetic stimulation of the phrenic nerves.
Rafferty G, **Dimitriou G**, Moxham J, Greenough A.American Lung Association /American Thoracic Society International Conference, 1998, Chicago, IL, USA

31. Effect of selective Phosphodiasterase (PDE) isoenzyme inhibitors on proliferation of mononuclear cells from umbilical cord blood.
Banner K, **Dimitriou G**, Kinali M, Page C, Greenough A American Lung Association

/American Thoracic Society International Conference, 1998, Chicago, IL, USA

32. Mortality and morbidity in infants with antenatally diagnosed abdominal wall defects.
Dimitriou G, Greenough A, Mantagos JS, Davenport M. European Society for Paediatric Research Annual Conference, 1998, Belfast, North Ireland

33. Complications of fluid restriction in the perinatal period.
Kavvadia V, Greenough A, **Dimitriou G**, Forsling M. European Society for Paediatric Research Annual Conference, 1998, Belfast, North Ireland

34. Antenatal and postnatal growth in abdominal wall defects.
Redkar R, **Dimitriou G**, Greenough A, Nicolaides K.H, Davenport M. Annual International Congress of the British Association of Paediatric Surgeons, 1998, Bristol, UK

35. Appropriate PEEP level in surfactant treated preterm infants.
Dimitriou G, Greenough A, Laubscher B. 3rd annual meeting -Royal College of Paediatrics and Child Health, 1999, York, UK

36. Early prediction of chronic oxygen dependency by lung function results.
Dimitriou G, Greenough A, Kavvadia V. 3rd annual meeting -Royal College of Paediatrics and Child Health, 1999, York, UK

37. Effect of fluid restriction on chronic oxygen dependency-a randomized controlled trial.
Kavvadia V, Greenough A, **Dimitriou G**. 3rd annual meeting -Royal College of Paediatrics and Child Health, 1999, York, UK

38. Blood pressure rhythms during the perinatal period in very immature, extremely low birthweight neonates.
Dimitriou G, Greenough A, Kavvadia V, Mantagos S. The Summer Meeting - The Neonatal Society, 1999, Liverpool, UK

39. Effect of maturity on maximal transdiaphragmatic pressure in infants during crying.
Dimitriou G, Greenough A, Rafferty G, Moxham J. European Respiratory Society Annual Congress, 1999, Madrid, Spain

40. Maximal airway pressures during crying in health preterm and term neonates.
Dimitriou G, Greenough A, Dyke H, Rafferty G. European Respiratory Society Annual Congress, 1999, Madrid, Spain

41. Prediction of prolonged ventilator dependence in children by respiratory function measurements.
Greenough A Naik S, **Dimitriou G**, Baker A. European Respiratory Society Annual Congress, 1999, Madrid, Spain

42. Computer assisted analysis of the chest radiograph lung area and prediction of failure of extubation.
Dimitriou G, Greenough A. European Respiratory Society Annual Congress, 1999, Madrid, Spain

43. Effect on lung function of continuous positive airway pressure (CPAP) administered either by Infant Flow Driver or a single nasal prong.
Kavvadia V, Greenough A, **Dimitriou G**. European Respiratory Society Annual Congress, 1999, Madrid, Spain

44. Early weight gain and late diuresis-markers for CLD development?
Dimitriou G, Greenough A, Kavvadia V. European Respiratory Society Annual Congress, 1999, Madrid, Spain

45. Acute pulmonary complications of paediatric liver transplantation.
Manczur T, Greenough A, Rafferty G, **Dimitriou G**, Baker A J, Heaton N. European Respiratory Society Annual Congress, 1999, Madrid, Spain

46. Performance of neonatal ventilators.
Dimitriou G, Greenough A.
European Respiratory Society Annual Congress, 1999, Madrid, Spain

47. Assessment of a commercially available neonatal respiration monitor.
Dimitriou G, Greenough A, Sumi K. European Respiratory Society Annual Congress, 1999, Madrid, Spain

48. Diaphragmatic function in infants with anterior abdominal wall
Dimitriou G, Greenough A, Rafferty G F, Davenport M, Moxham J. The Autumn Meeting - The Neonatal Society, 2000, London, UK

49. Effect of posture on respiratory muscle strength in neonates.
Dimitriou G, Greenough A, Pink L, McGhee A, Rafferty GF. European Respiratory Society Annual Congress, 2000, Florence, Italy

50. Prediction of extubation failure in preterm infants.
Dimitriou G, Greenough A, Endo A, Cherian S, Rafferty GF. European Respiratory Society Annual Congress, 2000, Florence, Italy

51. Anterior abdominal wall defects and abnormal antenatal lung growth.
Dimitriou G, Greenough A, Davenport M, Nicolaides KH. European Respiratory Society Annual Congress, 2000, Florence, Italy

52. Antenatal steroids and fluid balance in VLBW ventilated infants.
Dimitriou G, Greenough A, Kavvadia V. European Society for Paediatric Research Annual Conference, 2000, Rhodes, Greece

53. Procalcitonin, interleukin-6, interleukin-10 and C-reactive protein in neonatal sepsis.
Dimitriou G, Greenough A, Ajmual R, Mantagos S. European Society for Paediatric Research Annual Conference, 2000, Rhodes, Greece

54. Chest radiograph lung area (CxR lung area) and oxygenation optimization on transfer to high frequency oscillation (HFO).
Dimitriou G, Greenough A, Alvares B R, Shute M, Karani J. European Society for Paediatric Research Annual Conference, 2000, Rhodes, Greece

55. Unilateral magnetic phrenic nerve stimulation in children after liver transplantation.
Rafferty GF, Manczur T, **Dimitriou G**, Harris ML, Polkey MI, Moxham J, Greenough A. American Thoracic Society International Conference, 2000, Toronto, Canada

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Rafferty GF, Greenough A, **Dimitriou G**, Moxham J. The Summer Meeting - The Neonatal Society, 2000, Nottingham, UK

57. Prediction of outcome of neonatal high frequency oscillation.
Dimitriou G, Cheeseman P, Greenough A. European Respiratory Society Annual Congress, 2002, Stockholm, Sweden

58. Diaphragmatic function and chronic respiratory morbidity following congenital diaphragmatic hernia (CDH) repair.
Dimitriou G, Nicolaides KH , Davenport M, Rafferty GF, Moxham J, Greenough A. European Respiratory Society Annual Congress, 2002, Stockholm, Sweden

59. Comparison of cerebral palsy (CP) prevalence in spontaneous and artificial reduction of triplet gestations.
Dimitriou G, Greenough A, Nicolaides KH, Pharoah POD. 7th annual meeting –Royal College of Paediatrics and Child Health, 2003, York, UK

60. Evaluation of different methods of measuring diaphragmatic tension time index in infants.
Dimitriou G, Greenough A, Rafferty GF. European Respiratory Society Annual Congress, 2003, Vienna, Austria

61. Prediction of outcome from the chest radiograph appearance on day seven.
Williams O, **Dimitriou G,** Kavvadia V, Greenough A. European Respiratory Society Annual Congress, 2003, Vienna, Austria

62. Prediction of chronic lung disease.
Williams O, **Dimitriou G**, Hannam S, Rafferty GF, Greenough A. European Respiratory Society Annual Congress, 2003, Vienna, Austria

63. Lung volumes in infants with mild-moderate bronchopulmonary dysplasia.
Broughton S, Leipala J, **Dimitriou G**, Bhat R, Rafferty GF, Hannam S, Greenough A. Paediatric Research Society Meeting, 2004, London, UK

64. A non-invasive tension-time index of respiratory muscles in neonates. **Dimitriou G**, Patel S, Patel J, Rafferty GF, Greenough A. European Respiratory Society Annual Congress, 2004, Glasgow, U.K

65. A non invasive tension-time index of respiratory muscles and prediction of extubation failure in infants.
Dimitriou G, Patel S, Patel J, Rafferty GF, Greenough A. European Respiratory Society Annual Congress, 2004, Glasgow, U.K

66. Meconium aspiration syndrome - current clinical practice. **Dimitriou G**, Pulikot A, Greenough A. European Respiratory Society Annual Congress, 2004, Glasgow, U.K

67. Prediction of extubation failure in infants.
Dimitriou G, Patel J, Greenough A. 19th European Congress on Perinatal Medicine, 2004, Athens, Greece

68. Prediction of chronic oxygen dependency
May C, Kavvadia V, **Dimitriou G**, Greenough A. The Summer Meeting - The Neonatal Society, 2005, Bristol, UK

69. The effect of assist/control and synchronous intermittent mandatory ventilation modes on the respiratory workload of premature infants.
Dimitriou G, Kortsalioudaki C, Greenough A. American Thoracic Society International Conference, 2005, San Diego, U.S.A

70. Prediction of poor outcome in ventilated infants with meconium aspiration syndrome.
Dimitriou G, Giliberti P, Greenough A. European Respiratory Society Annual Congress, 2005, Copenhagen, Denmark

71. Comparison of the respiratory workload during patient triggered and conventional mechanical ventilation modes in premature infants.
Dimitriou G, Kortsalioudaki C, Giliberti P, Greenough A. 46th European Society for Paediatric Research Annual Conference, 2005, Siena, Italy

72. Candida endocarditis in neonates of very low birth weight.
Giannakopoulos I, Tzifas S, Karatza A, **Dimitriou G**, Pavlou V, Darzentas A, Mermiga A, Marangos M, Christofidou M, Mantagos S. 24th Annual meeting of the European Society for Paediatric Infectious Diseases, 2006, Basel, Switzerland

73. Diaphragmatic endurance following congenital diaphragmatic hernia (CDH) repair. **Dimitriou G**, Agakidis C, Rafferty GF, Greenough A. European Respiratory Society Annual Congress, 2006, Munich, Germany

74. Diaphragmatic endurance following abdominal defect repair in gastroschisis infants. **Dimitriou G**, Agakidis C, Rafferty GF, Greenough A. European Academy of Paediatrics, 2006, Barcelona, Spain

75. Does early gestational age at delivery improve outcome in gastroschisis?
Charlesworth P, Allotey J, **Dimitriou G**, Devane S, Ade-Ajayi N, Davenport M.
38th Annual Meeting of Canadian Association of Paediatric Surgeons, 2006, Calgary, Canada

76. Caspofungin therapy of very low birth weight infants with persistent invasive candidiasis. **Dimitriou G**, Tzifas S, Mermiga A, Giannakopoulos I , Pavlou V, Darzentas A, Marangos M, Christofidou M, Mantagos S. European Academy of Paediatrics, 2006, Barcelona, Spain

77. An uncommon cause of neonatal respiratory distress
Dimitriou G, Karatza A, Giannakopoulos I, Pavlou V, Darzentas A, Marangos M, Mantagos S. 25th International Congress in Pediatrics, Athens, Greece, 2007

78. Linezolid therapy in infants with persistent coagulase-negative staphylococcal bacteremia. **Dimitriou G**, Karatza A, Tzifas S, Mermiga A, Marangos M, Spiliopoulou I, Mantagos S. 25th International Congress in Pediatrics, Athens, Greece, 2007

79. Plasma Brain Natriuretic Peptide Levels in Neonates With Congenital Heart Disease and Left-to-Right Shunt.
Karatza A, Davlouros P, **Dimitriou G**, Georgiopoulou K, Alexopoulos D, Mantagos S. 48th Annual Meeting of the European Society for Paediatric Research, Prague, Czech Republic, 2007.

80. Predictors of persistent coagulase-negative staphylococcal bacteremia in infants requiring neonatal intensive care.
Fouzas S, Giannakopoulos I, Tzifas S, Karatza A, Merminga A, Spiliopoulou I, Pavlou V, Mantagos S, **Dimitriou G**. 48th Annual Meeting of the European Society for Paediatric Research, Prague, Czech Republic, 2007.

81. Significance of heart murmur detection during routine examination of asymptomatic neonates.
Karatza AA, Mermiga A, Fouzas S, Tzifas S, **Dimitriou G**, Mantagos S. 2nd Congress of the European Academy of Paediatrics, Nice 2008

82. Clinical and molecular profile of persistent coagulase-negative Staphylococcal bacteremia in infans requiring neonatal intensive care.
Fouzas S, Foka A, Giannakopoulos I, Tzifas S, Karatza A, Mermiga A, Spiliopoulou I, Mantagos S, **Dimitriou G**. 2nd Congress of the European Academy of Paediatrics, Nice 2008

83. Risk factors and early predictors of respiratory failure in late-preterm newborns with respiratory distress.
Fouzas S**,** Michailidi N, Bouchagier K, Skylogianni E, Tzifas S, Mantagos S, **Dimitriou G**. 2nd Congress of the European Academy of Paediatrics, Nice 2008

84. Diagnostic value of cardiac auscultation in the initial assessment of asymptomatic neonates with heart murmurs.
Karatza A, Fouzas S, Tzifas S, Mermiga A, Dimitriou G, Mantagos S. 1st International Congress of UENPS Global Neonatology & Perinatology, Rome 2008.

85. Effect of angiotensin converting enzyme (ACE) gene polymorphism on endurance of respiratory muscles in infants.

Papakonstantinou D, Stavrou E, Tzifas S, Mermiga A, Athanassiadou A, Mantagos S, **Dimitriou G**. 1st International Congress of UENPS Global Neonatology & Perinatology, Rome 2008.

86. Effect of angiotensin converting enzyme (ACE) gene polymorphism on diaphragmatic endurance in neonates
Dimitriou G, Papakonstantinou D, Stavrou E, Tzifas S, Papathanasiou M, Athanassiadou A, Mantagos S. 18th European Respiratory Society Annual Congress, 2008, Berlin, Germany.

87. Clones and toxin genes' carriage of coagulase-negative staphylococci isolated from bacteraemic infants hospitalized in an intensive care unit
Giormezis N, Kolonitsiou F, Foka A, Hondrou V, Drosopoulou K, Mantagos S, **Dimitriou G**, Anastassiou E.D, Spiliopoulou I. 19th European Congress of Clinical Microbiology and Infectious Diseases, Helsinki, Finland, 2009
88. Determinants of morbidity in late-preterm infants.
Dimitriou G, Fouzas S, Georgakis V, Papadopoulos V, Decavalas G, Mantagos S. 50th Annual Meeting of the European Society for Paediatric Research, Hamburg, Germany, 2009

89. Work of breathing during different modes of synchronised mechanical ventilation in preterm infants.
Dimitriou G, Tzifas S, Sampa M, Papakonstantinou D, Mantagos S. 50th Annual Meeting of the European Society for Paediatric Research, Hamburg, Germany, 2009

90. Effect of angiotensin converting enzyme (ACE) gene polymorphism and circulating ACE on respiratory muscle function in infants
Dimitriou G, Papakonstantinou D, Staurou E, Tzifas S, Vervenioti A, Athanassiadou A Mantagos S.
5th International workshop on Neonatology, Cagliari, Italy, 2009

91. Association of circulating angiotensin converting enzyme activity with respiratory muscle function in infants
Dimitriou G, Papakonstantinou D, Staurou E, Tzifas S, Vervenioti A, Onufriou A, Athanassiadou A Mantagos S.

20th European Respiratory Society Annual Congress, 2010, Barcelona, Spain

92. Effect of posture on work of breathing in preterm infants
Dimitriou G, Vervenioti A, Papakonstantinou D, Tzifas S, Mantagos S
2nd International Congress of UENPS Global Neonatology & Perinatology, Instabul, Turkey, 2010

93. Cardiovascular adaptation in neonates with intrauterine growth restriction
Karatza A, Fouzas S, Davlouros P, **Dimitriou G**, Mantagos S
2nd International Congress of UENPS Global Neonatology & Perinatology, Instabul, Turkey, 2010

94. Pathogenic elements among staphylococci isolated from bloodstream and prosthetic devices-associated infections
N. Giormezis, F. Kolonitsiou, A. Foka, E. Drougka, **G. Dimitriou**, A. Spiliopoulou, E.D. Anastassiou, I. Spiliopoulou
21st European Congress of Clinical Microbiology and Infectious Diseases, Milan, Italy 2011

95. Respiratory muscle function in patients with cystic fibrosis.
T.G. Dassios, A. Katelari, S. Doudounakis, S.P Mantagos, **G. Dimitriou**.
34th European Cystic Fibrosis Conference, Hamburg, Germany, 2011

96. Virulence determinants among coagulase-negative staphylococci recovered from bacteraemias and device-related infections. N. Giormezis, A. Foka, E. Drougka, S. Fouzas, **G. Dimitriou**, E.D. Anastassiou, I. Spiliopoulou.
22nd European Congress of Clinical Microbiology and Infectious Diseases, London, UK, 2012

97. Exercise and respiratory muscle function in patients with cystic fibrosis.
T.G. Dassios, A. Katelari, S. Doudounakis, **G. Dimitriou**.
35th European Cystic Fibrosis Conference, Dublin, Ireland, 2012

98. Extracardiac malformations, chromosomal abnormalities and clinical syndromes in neonates with congenital heart disease. O Panagiotopoulou, A Karatza, L Mantagou, S Tzifas,

X Sinopidis, **G Dimitriou**, S Mantagos. 46th Annual meeting of the association for European paediatric and congenital cardiology (AEPC 2012), Istanbul 2012.

99. Work of breathing during mechanical ventilation in preterm infants
G. Dimitriou, A. Vervenioti, S. Tzifas, S. Mantagos
27th International Workshop on Surfactant Replacement, Lisbon, Portugal, 2012

100. Neonatal sepsis: a european neonatal infection surveillance network
C. Kortsalioudaki , D. Gkentzi , S. Vergnano , I. Christopoulou , **G. Dimitriou** , PT. Heath
31st Annual Meeting of the European Society for Paediatric Infectious Diseases (ESPID), Milan, Italy, 2013

101. Use of daptomycin in treating persistent bacteraemia from coagulase negative staphylococci in neonates. D. Gkentzi, M. Marangos, I. Christopoulou, **G. Dimitriou**
31st Annual Meeting of the European Society for Paediatric Infectious Diseases (ESPID), Milan, Italy, 2013

102. Does a brief trial of endotracheal cpap before extubation increase the work of breathing in preterm infants?
G. Dimitriou, A. Vervenioti, X. Sinopidis, S. Mantagos
28th International Workshop on Surfactant Replacement, Helsinki, Finland, 2013

103. Chronic Pseudomonas aeruginosa Infection and Respiratory Muscle Impairment in CF
Dassios T.G., Katelari A., Doudounakis S., **Dimitriou G.**
36th European Cystic Fibrosis Conference, Lisbon, Portugal, 2013

Total Number: 103

19. PRESENTATIONS IN GREECE

TOTAL NUMBER: 67

20. CITATIONS

(Scopus, until 15/10/2013)

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Number of citations in textbooks: 212

SUMMARY OF SCIENTIFIC/ ADMINISTRATIVE WORK

1. PUBLICATIONS IN PEER REVIEWED INTERNATIONAL JOURNALS: 109
2. **Total Impact Factor (101 publications): 297,88**
3. **h- index: 18**
4. Citations (Scopus): 1067 - Self-Citations: 109 Citations in textbooks: 212

   TOTAL NUMBER OF CITATIONS: 1279
5. PUBLICATIONS IN PEER REVIEWED GREEK JOURNALS: 7
6. CHAPTERS IN BOOKS: 2
7. ABSTRACTS PUBLISHED IN JOURNALS WITH IMPACT FACTOR : 76
8. PRESENTATIONS IN INTERNATIONAL CONGRESSES: 103
9. PRESENTATIONS IN GREEK CONGRESSES: 67
10. PHD THESES ADVISOR: 5
11. CHAIRMAN OF SESSIONS IN INTERNATIONAL CONGRESSES : 3
12. EXPERT REVIEWER OF APPLICATIONS FOR INTERNATIONAL RESEARCH GRANTS: 1
13. REVIEWER ΤΗΣ “THE COCHRANE COLLABORATION- THE COCHRANE DATABASE OF SYSTEMATIC REVIEWS”: 1
14. PARTICIPATION IN MULTICENTER TRIALS: 8 (7 INTERNATIONAL TRIALS)
15. EDITORIAL BOARD MEMBER/ EDITOR IN MEDICAL JOURNALS: 5
16. PARTICIPATION IN COMMITTEES-ADMINISTRATIVE POSITIONS: 8
17. RESEARCH AWARDS: 2
18. FUNDING: 5