



Curriculum Vitae

Tsekoura Effrossine, MD, PhD

Consultant Pediatrician-Neonatologist

Developmental Paediatrics-Follow up of the Preterm

Honorary Fellow in Neonatal Neurology,

Hammersmith Hospital, Imperial College, London, UK

Head of the Paediatric Department 'Asklepieion General
Hospital' Athens, Greece

Surname: TSEKOURA

First Name: EFFROSSINE

Dr Effrossine Tsekoura, MD, PhD is Head of the Paediatric Department in Asklepieion General Hospital Voula Greece. She is also Director of the Neuro-Developmental Paediatric and Preterm Follow up Programm of the Department.

Areas of Expertise: Developmental Paediatrics, Follow-up of the Preterm and High Risk Neonates-Neonatal Neurology, (Honorary Fellow in Neonatal Neurology, Hammersmith Hospital Imperial College London UK)

Qualifications

Board Cerifications

Diploma in Paediatrics (1999 Greek National Board)

Diploma in Neonatology (2001 Greek National Board)

Undergraduate Degrees

M.D., National Kapodistrian University of Athens, Faculty of Medicine, Greece

Ph.D., National Kapodistrian University of Athens, Faculty of Medicine, Greece 2007

Specialties and Expertise

Paediatrics

Neonatology

Developmental Paediatrics, Follow-up of the Preterm and High Risk Neonates-
Neonatal Neurology-Honorary Fellow in Neonatal Neurology, Hammersmith Hospital
Imperial College, London, UK

Institutional Committees

British Medical Council Registration No 4255196 (unlimited registration)

Greek Medical Council Registration No 045075

EUROPEAN SOCIETY FOR PAEDIATRIC INFECTIOUS DISEASES ESPID

Hellenic Paediatric Society

Hellenic Neonatal Society

Hellenic Society of Perinatal Medicine

Hellenic Society of Community Paediatrics

Hellenic Society for Pediatric Infectious Diseases

Clinical Appointment

Head of the Paediatric Department-Medical Director Asklepion General Hospital,
Voula, Athens, Greece

Previous Appointments

2007-2016: Consultant Paediatrician-Neonatologist-Developmental Paediatrics, NICU, 3rd
Department of Pediatrics, Kapodistrian University of Athens, Attikon General Hospital,
Athens, Greece:

2004-2007: Consultant Paediatrician-Neonatologist-Developmental Paediatrics, B'
NICU, 'Agia Sofia' Children's University Hospital, Athens, Greece

2003-2004: Senior Fellow in Neonates, Queen Charlotte's Neonatal Unit- Honorary
Fellow in Neonatal Neurology, Hammersmith Hospital, Imperial College London UK

2001-2003: Consultant Paediatrician-Neonatologist, Children's Intensive Care Unit,
'Onassio' Cardiothoracic Center, Department of Congenital Heart Disease, Athens
Greece

2000-2001: Senior Fellow in Neonates, Peter Dunn Intensive Care Unit, St Michael's
Maternity Hospital, Bristol UK

1999-2000: Fellow in Neonates, Aglaia Kyriakou Children's University Hospital, Athens, Greece

1998-1999: Senior House Officer in Paediatrics, Agia Sofia Children's University Hospital, Athens, Greece

1996-1997: Senior House Officer in Paediatrics, Mayday University Hospital, Surrey,

1996: Senior House Officer in Paediatric Surgery. Alder Hey Children's University Hospital, Liverpool, UK

Teaching Experience as a tutor

1. Tutor in the Master Diploma of 'High Risk Pregnancy' 3rd Department of Obstetric and Gynecology, Kapodistrian University, Medical School, Athens
2. Tutor in the SpR training program in Paediatrics 'Paediatric Department' Asklepieion General Hospital Athens Greece
3. Member of the Teaching Committee Asklepieion General Hospital Athens Greece
4. Tutor in the Postgraduate Training Program in Neonatology Athens Greece
5. Tutor in the training program of medical students, junior doctors and nurses in Hammersmith Hospital, Imperial College, London, UK and in Bristol Children's University Hospital, St Michael's Maternity Hospital,
6. Tutor in the training program of medical students, junior doctors, nurses in the 3rd Department of Paediatrics, Kapodistrian University, Medical School, Athens.
7. Breast feeding seminars in the 3rd Department of Paediatrics, Kapodistrian University, Medical School, Athens.

Management Experience

- Head of the Paediatric Department Asklepieion General Hospital Voula Greece
- Leading Consultant in the Developmental Follow up program of the Preterm and High Risk Neonates of the 3rd Paediatric Department, Medical School, Kapodistrian University, Attikon General Hospital, Athens. Greece
- Participation in the planning program of the NICU of the 3rd Paediatric Department, Medical School, Kapodistrian University, Attikon General Hospital, Athens

- Member of Central Health Council's "Committee for the Perinatal Care in Greece". I have analyzed all births in Greece for the years 2008-2009 and I have written a detailed proposal for the perinatal care in Greece which was accepted from all members of the committee and submitted in the Ministry of Health
- Member of the Interviewers Board for the Greek NHS system

Selected Postgraduate Seminars

1. Advanced Paediatric Life Support, APLS. (Certificate No: 9030, issued 3rd November 2000)
2. Neonatal Advanced Life Support, NALS (N/PLY/00/031 Resuscitation Council UK 20/11/2000)
3. ADOS-2, Pearson, London 2015
4. Griffiths Mental Neurodevelopmental Scales Barnet, London 2004
5. Ultrasound Imaging of the Neonatal Brain Imperial College London, Hammersmith Hospital, UK, 2004
6. Bayley Scales Of Infant And Toddler Development (Bayley III) Pearson Assessment Headquarters London, UK, 2009
7. NBAS Training course Brazelton Center, Cambridge, UK 2009
8. Bayley Scales Of Infant And Toddler Development University of Oxford, National Perinatal Epidemiology Unit 2004
9. The update in neuromuscular disorders Hammersmith Hospital, Imperial College London, UK, 2004
10. Practical Paediatric Neurology Study Days Institute of Child Health, Great Ormond Street Hospital, London, UK, 2004
11. Use and Interpretation of the CFM in the Neonate Imperial College, Hammersmith Hospital, London.UK, 2005
12. "The Ketogenic Diet: Research to Clinical Efficacy" International Child Neurology Congress London, UK, 2006
13. Optimal Functioning as the Goal of Therapy in ADHD International Child Neurology Congress, London, UK, 2006

14. Cerebral Function Monitoring in the Neonatal & Pediatric Intensive Care Tyco Healthcare Masterclass, Covidien European Training Centre, Elancourt, France 2008
15. IPOKRATES Clinical Seminar: Follow-up of preterm and at risk infants Madrid, Spain 2009
16. IPOKRATES Clinical Seminar: Follow-up of preterm infants Athens 2009
17. 'Neonatal Brain Cooling' Intensive Seminar held by Professor Georg Simbeuner Aretaieion Hospital, Athens 2010
18. Neonatal Course for Senior Paediatricians Imperial College School of Medicine, Hammersmith Campus, London, UK
19. Training on the Draeger Babylog 8000 plus Draeger Medical, Hemel Hempstead, UK
20. Neonatal Course for Senior Paediatricians Imperial College School of Medicine, Hammersmith Campus, London, UK
21. Epigenetics XXth European Congress of Perinatal Medicine, Pre Congress Course 2006
22. Perinatal Infections XXth European Congress of Perinatal Medicine, Pre Congress Course 2006
23. Screening for visual defects in children. Present evidence and future prospects Liverpool Paediatric Week, Education Centre, Royal Liverpool Children's, Alder Hey. The Royal Colleges and the British Pediatric Association 1996
24. Training in audiology Southmead Education Centre, Bristol Children's University Hospital, UK, 2001
25. IPOKRATES Clinical Seminar 'Paediatric Echocardiography' Univ. of Toronto, Duke Univ. North Carolina, USA), Stanford Univ. California, USA, Athens 2003
26. Fetal Echocardiography Postgraduate Education Centre, National Heart and Lung Institute, Imperial College UK, 2003
27. Challenges in the management of the arhythmias in the neonate St Michael's Maternity Hospital, Children's Bristol University Hospital, Bristol 2001

28. Fallot's tetralogy Pulmonary Atresia/VSD Liverpool Paediatric Week, Education Centre, Royal Liverpool Children's, Alder Hey, 1996
29. Accident and Emergency Liverpool Paediatric Week, Education Centre, Royal Liverpool Children's, Alder Hey, 1996
30. Nephro-Urology The Royal Colleges and the British Paediatric Association 1996

Selected Publications

1. Adenovirus genome in the placenta: association with histological chorioamnionitis and preterm birth. Tsekoura EA, Tsakris A et al. *J. Med. Virol.* 2010 Aug; 82(8):1379-83
2. The human neurosecretory neurones under perinatal hypoxia: a quantitative immunohistochemical study of the supraoptic nucleus in autopsy material. Pagida MA, Konstantinidou AE, Malidelis YI, Ganou V, Tsekoura E, Patsouris E, Panayotacopoulou MT. *J Neuroendocrinol.* 2013
3. Immunohistochemical demonstration of urocortin 1 in Edinger-Westphal nucleus of the human neonate: Colocalization with tyrosine hydroxylase under acute perinatal hypoxia. Pagida MA, Konstantinidou AE, Tsekoura E, Patsouris E, Panayotacopoulou MT. *Neurosci Lett.* 2013 Oct 25 83
4. Vulnerability of the mesencephalic dopaminergic neurons of the human neonate to prolonged perinatal hypoxia: an immunohistochemical study of tyrosine hydroxylase expression in autopsy material. Pagida MA, Konstantinidou AE, Tsekoura E, Mangoura D, Patsouris E, Panayotacopoulou MT. *J Neuropathol Exp Neurol.* 2013 Apr;72(4):337-50 83
5. Increased expression of tyrosine hydroxylase in the supraoptic nucleus of the human neonate under hypoxic conditions: a potential neuropathological marker for prolonged perinatal hypoxia. Ganou V, Pagida MA, Konstantinidou AE, Malidelis YI, Kontostavlaki DP, Tsekoura E, Patsouris E, Panayotacopoulou MT. *J Neuropathol Exp Neurol.* 2010 Oct;69(10):1008-16. 83
6. Acute Appearance of Hydrops Fetalis in Fetal Dysrhythmia: Case report. E. Tsekoura et al. *The Journal of Maternal-Fetal and Neonatal Medicine.* Vol.27,

- suppl1, June 2014.
7. The Epidemic of multiple births: Data from a tertiary center follow up programm oh high risk neonates. E. Tsekoura et al. The Journal of Maternal-Fetal and Neonatal Medicine. Vol.27, suppl1, June 2014
 8. Giant Congenital Melanocytic Nevi noted at birth: case report-review of literature. E. Tsekoura et al. The Journal of Maternal-Fetal and Neonatal Medicine. Vol.27, suppl1, June 2014
 9. Autistic Disorders in Preterm Neonates Screening Tool and Early Intervention Program. A pilot Study. E. Tsekoura et al., The Journal of Maternal-Fetal and Neonatal Medicine vol. 25, suppl. 2, June 2012
 10. N-REM Sleeping Evaluation in Neonatal Intensive Care Unit. B. Boutopoulou, E. Tsekoura, et al. The Journal of Maternal-Fetal and Neonatal Medicine vol. 25, suppl. 2, June 2012
 11. Neurodevelopmental outcome of triplets after in vitro fertilization or natural conception. E. Tsekoura et al. The 4th Congress of the European Academy of Paediatric Societes EAPS 5-9 October Istanbul 2012
 12. Neurodevelopmental outcome in three cases of perinatal stroke using BSITD III. Tsekoura E., Kassanos D. et al. J Matern Fetal Neonatal Med. Suppl 1-640, May 2010
 13. Long term characteristics of autistic spectrum disorders in preterm compared to term. E Tsekoura. Eip Excellence in Paediatrics 9th Edition 2017 Abst book p 66
 14. Severe febrile neutropenia in isotretinoic acne treatment and upper airway infection E Tsekoura, X Loseva. Eip Excellence in Paediatrics 9th Edition 2017 Abst book p 80
 15. A hemolymphangyoma of the arm of the hand of a neonate. Early Human Development. vol 86, ps104-105, November 2010
 16. Twin pregnancies in older primiparous women: perinatal outcomes. J Matern Fetal Neonatal Med 2009; Suppl 1: 63
 17. Growth discordance in twins: perinatal outcomes after elective caesarean section. J Matern Fetal Neonatal Med 2009; Suppl 1: 65
 18. Low 1st trimester PAPP-A: Association with intrauterine growth restriction. Tsekoura E., Kassanos D., et al. J Perinat Med Suppl 1-957 Oct 2009

19. Villitis and chorioamnionitis: association with placental adenoviral detection. Tsekoura E. Antzaklis A et al. J Perinat Med Suppl 1-957 Oct 2009
20. A case of prenatally diagnosed arachnoid cyst with low PAPP-A and elevated free B-HCG. Tsekoura E., Kassanos D et al. J Perinat Med Suppl 1-957 Oct 2009
21. Neonatal Cerebral Infraction: Case presentation-Review of literature. Tsekoura E., Lapa E., Nikolaidou- Karpathiou P. et al. Acta Paediatrica Vol.97, S459 pp347; June 2008
22. Placental adenoviral genome: PCR detection and placental histology in preterm and term infants. Tsekoura E., Konstantinidou A., Kafetzis D., et al. Pediatrics Vol.121, pp.S134-135; January 2008
23. Lipid profile of premature infant up to the age of 3 years. Apostolou H., Tsekoura E., Anagnostakou M. et al. Pediatrics vol.121, pp. S136; January 2008
24. Dramatic reduction of tyrosine hydroxylase immunoreactivity in mesencephalic dopaminergic neurons of autopsied human neonates that died with perinatal hypoxia. Pagida M., Konstantinidou A., Tsekoura E., Panayotakopoulou M., FENS Abstr., vol.4,120.33,2008
25. Preterm delivery is associated with adenoviral genome detection in placenta tissue. Tsekoura E., Legakis NJ, Antsaklis A. et al. The Journal of Maternal- Fetal & Neonatal Medicine, May 2006; Vol. 19, Suppl 1, p22.
26. Fetal Brain MRI findings in two cases of pyruvate dehydrogenase deficiency. Tsekoura E., Brown GK, Anagnostakou M. et al. Neuropaediatrics Vol 26, S1 p72; June 2006
27. Neonatal cerebral mucormycosis. E Tsekoura, Konstantinidou A, Fotopoulos S et al. Neuropaediatrics Vol 36, p34; October 2005

Publications in Greek journals: n= 40

Books Chapters in 15 books in relation to neonatology, public health and general paediatrics

Lectures in round tables: n=50

Selected Presentations in International Meetings

1. Epidemiological Analysis of Acute Gastroenteritis in Children Presented in a District General Hospital in South Athens Greece: Preliminary Data. E Tsekoura et al. 36th Annual Meeting of the European Society for Paediatric Infectious Diseases, Malmö, Sweden, ESPID 2018.
2. Staphylococcal Osteomyelitis in children: Can it be treated with oral antibiotics? E Tsekoura et al. 36th Annual Meeting of the European Society for Paediatric Infectious Diseases, Malmö, Sweden, ESPID 2018. (oral presentation)
3. Streptococcal Pneumonia Empyema in a fully immunized infant with the 13-valent pneumococcal vaccine. E Tsekoura et al. 36th Annual Meeting of the European Society for Paediatric Infectious Diseases, Malmö, Sweden, ESPID 2018.
4. Perianal Dermatitis in a 3.5 year old toddler: Perianal Streptococcal Dermatitis or Sexual Abuse? E Tsekoura et al. 36th Annual Meeting of the European Society for Paediatric Infectious Diseases, Malmö, Sweden, ESPID 2018. (oral presentation)
5. Long term characteristics of autistic spectrum disorders in preterm compared to term. E Tsekoura. Eip Excellence in Paediatrics 2017 (oral presentation)
6. Severe febrile neutropenia in isotretinoic acne treatment and upper airway infection E Tsekoura, X Loseva. Eip Excellence in Paediatrics 2017
7. The Epidemic of multiple births: Data from a tertiary center follow up programm oh high risk neonates. E. Tsekoura et al. XXIV European Congress of Perinatal Medicine Florence, Italy, June 4th-th 2014
8. Acute Appearance of Hydrops Fetalis In Fetal Dysrhythmia: Case report. E. Tsekoura et al. XXIV European Congress of Perinatal Medicine Florence, Italy, June 4th-th 2014
9. Giant Congenital Melanocytic Nevi noted at birth: case report-review of literature. XXIV European Congress of Perinatal Medicine Florence, Italy, June 4th-th 2014

10. Autistic Disorders in Preterm Neonates Screening Tool and Early Intervention Program. A pilot Study. Tsekoura E et al., Neonatology New frontiers. XXIII European Congress of Perinatal Medicine, Paris 13-16 June 2012 (oral presentation)
11. N-REM Sleeping Evaluation in Neonatal Intensive Care Unit. XXIII European Congress of Perinatal Medicine, Paris 13-16 June 2012
12. Neurodevelopmental outcome of triplets after in vitro fertilization or natural conception. E Tsekoura et al. The 4th Congress of the European Academy of Paediatric Societies EAPS 5-9 October Istanbul 2012
13. Neurodevelopmental outcome in three cases of perinatal stroke using BSITD III. Tsekoura E et al European Congress on Perinatal Medicine 26-29 May 2010, Granada Spain
14. A hemolymphangioma of the arm of the hand of a neonate. 2nd International Congress of UENPS, Global Neonatology and Perinatology. Istanbul Turkey, 15-17 November 2010
15. Low 1st trimester PAPP-A: Association with intrauterine growth restriction. Tsekoura E, Kassanos D, et al. 9th World Congress of Perinatal Medicine 24-28 October 2009 Berlin, Germany
16. Villitis and chorioamnionitis: association with placental adenoviral detection. Tsekoura E. Antzaklis A et al. 9th World Congress of Perinatal Medicine 24-28 October 2009 Berlin, Germany
17. A case of prenatally diagnosed arachnoid cyst with low PAPP-A and elevated free B-HCG. Tsekoura E., Kassanos D et al 9th World Congress of Perinatal Medicine 24-28 October 2009 Berlin, Germany 2009
18. Neonatal Cerebral Infraction: Case presentation- Review of literature. Tsekoura E., Nikolaidou- Karpathiou P. et al. Europaediatrics 2008. Istanbul, Turkey. June 14-17 2008
19. Middle fossa arachnoid cyst developed in-utero after 20 weeks gestational age. Tsekoura E., Sgouros S. et al. International Society Meeting for Pediatric Neurosurgery, Cape Town, October 2008

20. Placental adenoviral genome: PCR detection and placental histology in preterm and term infants. Tsekoura E., Kafetzis D., et al. 25th International Congress of Paediatrics. 25-30 August 2007 (oral presentation)
21. Lipid profile of premature infant up to the age of 3 years. Apostolou H., Tsekoura E., Anagnostakou M. et al. 25th International Congress of Paediatrics. 25-30 August 2007 (oral presentation)
22. Placental adenoviral genome detection and placental histology in preterm and term deliveries. European Academy of Paediatric Congress. Barcelona Spain, October 7-10 (oral presentation)
23. Preterm delivery is associated with adenoviral genome detection in placenta tissue. E Tsekoura, NJ. Legakis, A. Antsaklis et al. XXth European Congress of Perinatal Medicine. Prague 2006 (oral presentation)
24. Fetal Brain MRI findings in two cases of pyruvate dehydrogenase deficiency. Tsekoura E, Brown GK, Anagnostakou M et al. 10th International Child Neurology Congress, Canada 2006
25. Neonatal cerebral mucormycosis. Tsekoura E, Konstantinidou A, Fotopoulos S et al. 1st International Congress on Neonatal Neurology. University of Zurich, Irchel Campus Switzerland. 21-22 October 2005
26. Isolated Patent Ductus Arteriosus: Clinical Presentation, transcatheter device closure and outcome. E. Tsekoura, S Rammos et al. 3rd International Meeting, 10th Anniversary of the Onassis Cardiac Surgery Center, April 2003(oral presentation)
27. Absent pulmonary artery: Embryology and therapeutic issues. 3rd International Meeting, 10th Anniversary of Onassis Cardiac Surgery Center, April 2003
28. Prominent Eustachian valve: Potential cause of neonatal cyanosis. 3rd International Meeting, 10th Anniversary of the Onassis Cardiac Surgery Center, April 2003
29. Congenital Oesophageal diaphragm and H-type tracheo-oesophageal fistula (TOF) in a neonate. Tsekoura E, Skondras K, Dellagrammatikas H et al. 3rd

Congress of Mediterranean Association of Pediatric Surgeons. Corfu, Greece, 2000 (oral presentation)

Other Interests

Painting: I have studied alternative drawing, jewelry design, photography and 3D design in St Martin's College of Art And Design London and Bristol Academy of Arts. I have participated in Group exhibitions in Athens Greece and in 2011 I did my first Solo exhibition in Athens Art Space. Sports: alpine ski, water skiing slalom, cycling, beach volley, running, horse riding.

Languages: _Greek, English and French