

## George Pergamalis MD, PhD

Pediatric Surgeon, Director of the 3rd Pediatric Surgery Dept. & Pediatric Center of Colorectal and Urogenital Diseases (PCCUD), "MITERA" Pediatric Hospital



### Academics Education

- Medical School Diploma of Aristotle University of Thessaloniki, Greece (1988)
- Certificate of Completion of Specialist Training in Pediatric Surgery (1997)
- Scientific Associate, Pediatric Surgery Department, Aristotle University of Thessaloniki, "G. Gennimatas" Hospital Thessaloniki Greece (1998-2001)
- Internal Pediatric Surgeon, Divisione di Chirurgia Urologica – Andrologica e Ginecologica Ospedale Pediatrico "Bambino Gesù" (Vaticano – Roma – Italy) (2004)
- PhD from Aristotle University of Thessaloniki, Greece (2000)

### PhD

- "Contribution to the treatment of acquired stenosis of the esophagus in children". (Aristotle University of Thessaloniki, Greece)

### Memberships – Professional, Academic and Educational Societies

- Member of the European Pediatric Surgeon Association (EUPSA)
- Member of the executive board of Greek Pediatric Surgeon Association
- Member of Hellenic Society of Perinatal Medicine
- Member of the Greek Pediatric Association
- Member of the Greek Pediatric Urology Association

### Professional Experience

- Private Practice (1998-today)
- Director of the 3rd Pediatric Surgery Dept. & Pediatric Center of Colorectal and Urogenital Diseases, "MITERA" Pediatric Hospital of Athens (2021-today)
- Director of the Pediatric Surgery Dept., "IASO PAIDON" Pediatric Hospital, Neonatal Intensive Care Unit "IASO" Maternity Hospital of Athens (2008-2021)
- Scientific director of Pediatric Surgery "IASO PAIDON" Pediatric Hospital (2008-2021)
- Consultant Pediatric Surgeon Neonatal Intensive Care Unit "IASO" Hospital 2005-2008

- Internal Pediatric Surgeon Pediatric Urology, Andrology-Gynecology department "Bambino Gesù" Pediatric Hospital (Vaticano – Roma – Italy) 2004
- Pediatric Surgeon "ATHENS MEDICAL CENTER", "EUROCLINIC" Pediatric Hospital of Athens, "MITERA" Pediatric Hospital of Athens 2000-2008
- Clinical & Research fellow. Department of Pediatric Surgery, Medical School University of Thessaloniki 1998-2001
- Specialist Training in Pediatric Surgery 1990-1997
  - General Surgery, (B' Surgery Clinic, Aristotle University of Thessaloniki, "G. Gennimatas" Hospital Thessaloniki Greece)
  - Pediatric Surgery (Pediatric Surgery Clinic, Aristotle University of Thessaloniki, "G. Gennimatas" Hospital Thessaloniki Greece)
  - Service de chirurgie (Pediatric Hospital: des Enfants Malades, Paris-France)
  - Pediatric Urology (Urology Clinic, Aristotle University of Thessaloniki, "G. Gennimatas" Hospital Thessaloniki Greece)
  - Heart-thoracic-great arteries (Cardiothoracic Surgery Clinic "G.Papanikolaou" Hospital, Thessaloniki, Greece)
- Rural Doctor, Sfakia Kriti, Greece 1989-1990
- Navy Military Hospital, Salamina, Greece

## Teaching and training activity

- Teaching the "Systemic approach of seriously injured child" to students from European University of Cyprus and Heal Academy University of Nicosia Cyprus., 2024.
- Teaching "Special Subjects in Pediatric Surgery" in the Postgraduate Program "Clinical Pediatrics and Nursing-Research. National & Kapodistrian University of Athens (2012-2021)
- Teaching of Medical School students and nurses Pediatric Surgery as a Scientific Associate of the Pediatric Surgery Clinic of Aristotle University of Thessaloniki, Greece (1998-2001)
- Teaching Anatomy, Physiology, Surgery the students of Dietetics Kinesiotherapy, Aesthetics as a professor of IEK (1994-1999)
- Teaching anatomy in medical and dental students. Laboratory of Descriptive Anatomy of Aristotle University of Thessaloniki Greece, as an assistant during medical studies (1985-1987)

## Clinical and Research Interest

### Clinical Interest:

- Neonatal and Pediatric Surgery, (Gastrointestinal system, Genitourinary system, Congenital malformation), Pediatric Colorectal and Urogenital surgery, Trauma, Vascular anomalies and Pediatric burns.

### **Research Interest:**

- Postdoctoral research: "Usefulness of RET & EDNRB gene investigation in the diagnosis of congenital megacolon (Hirschsprung's disease). Comparison with the pathological methods used ". (University of Athens & University of Thessaloniki)
- Pediatric Colorectal and Urogenital malformations and diseases.

### **Awards**

- 2004 Scholarship State, Scholarship Foundation "Usefulness of RET & EDNRB gene investigation in the diagnosis of congenital megacolon (Hirschsprung disease). Comparison with the pathological methods used "
- 2020 Silver Award Health Innovation. Health Care Business Awards "Endoscopic Pilonidal Sinus Treatment E.P.S.I.T. Laser in children and adolescents"

### **Recent Publications (19)**

- Gross morphologic variations and histologic changes in cryptorchid testes. Miliaras D., Vlahakis-Miliaras E., Anagnostopoulos D., Koutsoumis G., Pergamalis G., Miliaras S. Pediatric Surgery Int 1997 Feb; 12(2-3):158-62
- Anatomic anomalies of P. Robin syndrome and therapeutic management. Anagnostopoulos D, Kandilopoulos D, Ioannidou D, Foroglou P, Pergamalis G, Triantafilou D, Anagnostou T. Bull Assoc Anat (Nancy). 1996 Sep; 80(250):5-6. French.
- Diagnosis of congenital tracheo-bronchial malformations in the newborn and infant Anagnostopoulos D, Kandilopoulos D, Kallergis K, Liolios N, Pergamalis G, Anagnostou T. Bull Assoc Anat (Nancy). 1995 Jun; 79(245):5-8. French.
- Successful diagnosis and treatment of Dieulafoy's lesion with endoscopy and thermocoagulation in a full-term neonate: Report of a case and literature review Nick Zavras, Constantinos Siafakas , George Pergamalis , Yvelise de Verney, Maria Clavdianou , Christos Salakos J Ped Surg Case Reports 2 (2014) 250e253

### **In Summary:**

The 3rd Pediatric Surgery Department provides specialized surgical care for newborns, infants, children, and adolescents, addressing congenital and acquired disorders of the digestive, respiratory, urinary, and genital systems, as well as conditions involving the chest, abdomen, soft tissues, neck, anorectal region, and external genitalia.

The department combines advanced diagnostic methods with state-of-the-art surgical techniques, including minimally invasive approaches such as laparoscopy and cystoscopy, to ensure precision, safety, and optimal outcomes.

Its services cover the full spectrum of pediatric surgical care—from prenatal counseling for expectant parents facing fetal anomalies to neonatal surgery requiring immediate intervention.

The multidisciplinary team collaborates closely with neonatologists, pediatric subspecialists, and anesthesiologists, ensuring comprehensive care before, during, and after surgery. In addition to general pediatric surgery, the department operates specialized cases offering focused expertise in complex and rare conditions. These include the Pediatric Colorectal and Urogenital Center, the only one of its kind in Greece, which provides personalized, multidisciplinary care for children with anorectal, urogenital, and related neurological disorders. Dedicated units also manage vascular anomalies and pediatric burns, emphasizing functional and aesthetic recovery.

With a holistic approach that values both medical excellence and the emotional well-being of patients and families, the 3rd Pediatric Surgery Department is committed to minimizing postoperative pain and hospitalization time, supporting faster recovery, and ensuring a compassionate, family-centered healthcare experience.

## Specialties

### 1. Pediatric Center of Colorectal and Urogenital Disorders (PCCUD)

It is the only specialized center in Greece that offers personalized, comprehensive, and high-quality care for children with bowel diseases, particularly rectal and anal conditions, as well as related conditions affecting the urogenital and nervous systems.

A specialized team of doctors, nurses, dietitians, physiotherapists, psychologists, and child psychologists provides complete diagnosis, treatment, and support for these conditions. The therapeutic approaches can include conservative, endoscopic, and surgical interventions.

### 2. Neonatal Surgery

Surgical conditions in neonates can be diagnosed prenatally, immediately after birth, or later, and may require investigation and/or urgent surgical treatment.

A detailed diagnostic approach, the application of advanced surgical techniques, and postoperative monitoring by our team ensure the best possible outcome for the newborn, who often faces simple and less frequently complex surgical conditions.

Close collaboration with neonatologists, other pediatric subspecialists, and specialized nursing staff in the Neonatal Intensive Care Unit (NICU) is crucial, as premature infants require special care from a multidisciplinary team.

### 3. Pediatric Urology

Pediatric Urology is dedicated to newborns, children, and adolescents who require diagnostic assessment and therapeutic treatment for congenital and acquired

surgical conditions of the urogenital system. Specifically, surgical treatment are provided for kidney diseases, bladder conditions, obstructive uropathies, hypospadias, as well as varicocele with minimally invasive techniques.

#### 4. Minimally Invasive Surgery (MIS)

Our team supports the use of new techniques in surgical procedures for small patients. Therefore, we apply, when indicated, techniques such as laparoscopy and endoscopy of the digestive and urinary systems across a wide age range.

Surgical techniques with high magnification (VITOM-3D exoscope) is used in anorectal malformations, hypospadias, varicocele etc. It is notable the use of EPSIT laser technique for pilonidal cyst and FiLaC laser technique for anal fistulas (fistula-tract laser closure)

### **Contact Details**

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