

Pediatric Anesthesia Fellowship at Schneider Children's Medical Center of Israel



מרכז שניידר לילדים
Schneider Children's Medical Center of Israel

CLALIT



Introduction

Schneider Children's Medical Center of Israel is the only comprehensive, tertiary care hospital of its kind in the country and in the Middle East, offering the full range of pediatric disciplines under one roof to all children from birth to 18 years. Since its establishment in 1991, Schneider Children's has revolutionized the practice of pediatric medicine in the country and been recognized as one of the leading pediatric institutions worldwide.

Schneider derives its name from its founders and major benefactors, the late Irving and Helen Schneider from New York, who also wished the hospital to serve as a Bridge to reconciliation and Peace between nations. Through this open-door policy, where all children irrespective of race, religion or nationality are treated, Schneider Children's receives patients from neighboring countries including the Palestinian Authority, Jordan, and from as far away as Africa, Asia and Eastern Europe.

Schneider Children's comprises 250 beds, 43% of which are assigned to critical care (Intensive Care Units, Neonatology, Burns, etc.). The medical center serves as the national referral center for Hematology-Oncology, Endocrinology and Diabetes, Cardiology, and solid organ and bone marrow transplantation.



Just for Children

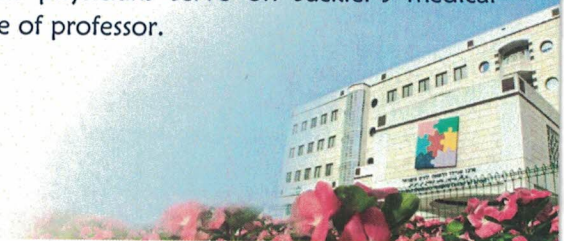
Schneider Children's is all about children. It utilizes a unique approach to pediatric medicine where children are treated as children and not as small adults. Since they have different emotional and physical resources for healing, Schneider Children's utilizes a "whole-child-care" multidisciplinary approach, whereby treatment is integrated with emotional, psychological, educational and developmental care.

Medical Excellence

Schneider Children's has led many firsts in Israel and the world: multi-organ transplantation, cardiac surgery in a 780gm preemie, heart valve replacement through catheterization, discovery of new genes for mental retardation, artificial pancreas trials, and innovative surgical and therapeutic techniques. Two physicians are recipients of Israel's highest award: the Israel Prize for Medical Research.

Academic Excellence

Schneider Children's is a member of Clalit Health Services - the largest HMO in Israel - and its only pediatric center of 14 hospitals. Through its affiliation with the Sackler School of Medicine at Tel Aviv University, every department conducts the teaching and training of doctors, medical students, nurses and paramedical personnel. Over half its physicians serve on Sackler's medical faculty, while some 14% hold the title of professor.



Pediatric Anesthesiology Fellowship

The Pediatric Anesthesiology Fellowship at Schneider Children's Medical Center is designed to further develop clinical expertise in caring for neonates, infants, children, and adolescents undergoing a wide variety of surgical, diagnostic, and therapeutic procedures. There are approximately 11,000 anesthetics performed yearly at the hospital. Many Fellows from around the world have already completed their training at Schneider Children's.

The department is recognized by The Scientific Council of The Israel Medical Association for Israel Fellowship Program in Pediatric Anesthesia

Clinical Experience

In addition to the routine pediatric surgical patients, the Pediatric Anesthesiology Fellow will be expected to master the anesthetic care of complicated pediatric patients undergoing repair of cardiac anomalies (about 400 pediatric open heart surgeries per year) orthopedic, neurosurgical, urological, plastic, and general surgical pathologies. The Fellow will also be exposed to pediatric patients with organ failure undergoing transplantation (liver, kidney, heart, and lung) and non-transplantation procedures. During the Fellowship, the Pediatric Anesthesiology Fellow will develop expertise in critical perioperative pediatric care, pediatric advanced life support, invasive monitoring, and pediatric pain management..

Overview

The 12-month Pediatric Anesthesia Fellowship comprises:

- Approximately 40 weeks clinical anesthesia
- 2 weeks pediatric acute and chronic pain service
- 2 weeks NICU (if no prior pediatric training has been performed)
- 2 weeks pediatric critical care
- 4 weeks vacation

We strongly recommend a **two years** fellowship program in order to cover all fields of pediatric anesthesia and to gain the experience in specific fields according to the Fellow preference.

The Pediatric Anesthesia Fellowship offers a strong clinical experience with treatment of approximately 11,000 cases annually.

There are:

- 7 General Operating Rooms
- 1 Pediatric Cardiac OR
- 1 Procedures Room

The Anesthesia Department collaborates with several remote areas including:

- 2 advanced Cardiovascular Labs
- G.I. Lab
- Interventional Radiology
- Position Emission Tomography Scan (PET scan)
- Radiation therapy
- Nuclear medicine
- Magnetic Resonance Imaging (MRI)
- CT

The department also administers regional anesthesia such as ultrasound guided peripheral nerve blocks, awake spinal in neonates and epidurals, and provides complex airway management in congenital and acquired airway disorders.

Educational Program

The Fellow will acquire a comprehensive understanding of the developmental, pharmacological, anatomic, physiological, and psychological changes that occur with age and disease. There is a daily clinical staff meeting to discuss the anesthetic management of cases, and a weekly journal club. In addition, the Fellow will be able to participate in academic activity throughout the hospital. There are research opportunities for those who are interested in a 2-year Fellowship.

The Anesthesia Department at Schneider Children's consists of 15 senior attending anesthesiologists with extensive training and experience in pediatric anesthesia.

The Fellow will be provided with housing close to the hospital, meals, and a very competitive salary.

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