

PEDIATRICS SURGERY

Clinical activity and areas of excellence

- General surgery
- Miniinvasive surgery (laparoscopy, thoracoscopy, etc.)
- Thoracic and Airway surgery (Chest wall anomalies, laryngotracheal and lung anomalies),
- Oncologic surgery
- Neonatal surgery
- Urology
- Trauma centre and urgency surgery
- Clinical and basic research on digestive tract malformations (gastroesophageal reflux, atresia, Hirschsprung disease, anorectal malformations, etc.), urological conditions, airway and thoracic anomalies

MAJOR INTERNATIONAL COLLABORATIONS

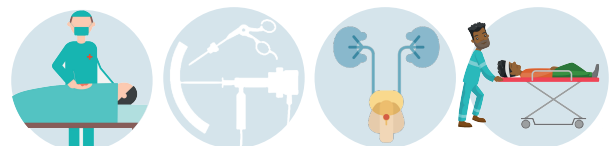
- UMC (University Medical Center), Nur Sultan, Kazakhstan
- St. Damien's Pediatric Hospital, Haiti
- INPAT (International Network of Pediatric Airway Teams)
- AeroDigestive Team (Russel Jennings, Reza Rahbar), Boston Children Hospital, USA
- Sabine Sarnacki, Hopital des Enfants Malades, Paris
- Paul Tam, University of Hong Kong, China
- Patricio Varela, Calvo Mckenna Hospital, Santiago, Chile
- Marcelo Martinez Ferro, Fundacion Hospitalaria, Buenos Aires, Argentina
- Manuel Lopez, University Hospital Vall d'Hebron, Barcelona, Spain
- Dick Tibboel, University of Rotterdam, The Netherlands

MAJOR INTERNATIONAL COLLABORATIONS

- Nephrology, pneumology, neurosurgery, cardiac surgery, gastroenterology, oncology, pediatrics, intensive care, emergency

MAJOR INTERDISCIPLINARY COLLABORATIONS

- Nephrology (urinary tract infections, obstructive uropathies, complex malformations)
- Pneumology: airway and lung malformation (tracheomalacia, tracheal stenosis, cystic adenomatoid disease, pulmonary sequestration, lobar emphysema, pleural empyema, pectus excavatum, pectus carinatum, Poland syndrome, Jeune syndrome)
- Pediatric clinic (hypospadias, cryptorchidism, varicocele, inguinal hernia, phimosis)
- Spina Bifida Centre (urinary incontinence, neurogenic bladder, caudal regression, tethered cord)
- ENT: laryngotracheal malformations (laryngotracheal stenosis, web, cleft, vocal cord paresis) Collaboration with ENT of University of Genova, Prof. Giorgio Peretti
- Hematology/Oncology (neuroblastoma, Wilms tumor, hepatoblastoma, sarcomas, lymphomas)



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- ■ ■ Pediatrics-Gastroenterology (artificial nutrition, intestinal dysganglionosis, chronic inflammatory diseases, gastroesophageal reflux)
- ■ ■ Gynecology and Obstetrics (prenatal diagnosis and counselling for congenital malformations)
- ■ ■ Cardiac surgery (ECMO, cardiopulmonary bypass for complex airway and thoracic anomalies)

PROJECTS

- Robotic surgery in pediatrics and development of new approaches (trachea and esophagus reconstruction)
- Cryoanalgesia for thoracic surgery
- Custom made prosthetic material for the treatment of complex anomalies
- Renal transplant

Director

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