

## CURRICULUM VITAE

**Prof. Francesco Fascetti Leon, MD, PhD**

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### TITLES

- **High School Diploma** with full marks (60/60), Classical High School B. Telesio Cosenza. 1994
  - **Degree in Medicine and Surgery** obtained from the University of Padua with full marks (110/110) on 24/07/2001
  - **Medicine License** obtained from the University of Padua in the second session of the year 2002
  - **Registration with the Medical Board of the Province of Padua**, since 25/03/2003, registration number PD 09260
  - **Registration with the General Medical Council** for practicing in the United Kingdom since 30/01/2006
  - **Specialization in Pediatric Surgery** obtained from the University of Padua with full marks and honors (70/70 cum laude) on 19/12/2006
  - **PhD Diploma** from the Doctoral School of the University of Padua in "Biology and Medicine of Regeneration", specialization in Hepatology-Gastroenterology Sciences, 22nd cycle, on 22/03/2011
  - **Achievement of National Scientific Qualification (Second Tier)**
    - ANNOUNCEMENT D.D. 1532/2016, COMPETITION SECTOR 06/E2, PLASTIC-RECONSTRUCTIVE SURGERY, PEDIATRIC SURGERY AND UROLOGY, IV quarter, valid until 12/04/2029
  - **Achievement of National Scientific Qualification (First Tier)**
    - COMPETITION SECTOR 06/E2, PLASTIC-RECONSTRUCTIVE SURGERY, PEDIATRIC SURGERY AND UROLOGY (2018 announcement, IV session), valid until 10/07/2031
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## **AFFILIATIONS**

- Member of SICP
- Member of the Neonatal Surgery Section of SICP
- Member of SIVI (Board Member until October 2017, from November 2017 SIVI representative for VENETO)
- Member of EUPSA
- Member of ESPES
- Member of ARMnet (Anorectal Malformations Network)
- Member of the Hirschsprung Expert Group of ERNICA
  - ERNICA guidelines for the management of rectosigmoid Hirschsprung's disease, published in 2020. Kick-off meeting in Amsterdam, 25-27 Oct 2017
  - ERNICA Total Colonic Aganglionosis Consensus Statement: guideline meeting for total colonic aganglionosis. Kick-off in Rotterdam, 27/09/2019
- Member of the Necrotising Enterocolitis guideline ERNICA expert group. Kick-off on 21/04/22 in Helsinki

## **Member of the Editorial Board / Peer Reviewer for:**

- Journal of Pediatric Surgery
- ECronicon Open Access
- Austin Pancreatic Disorder
- BioMed Research International
- African Journal of Paediatric Surgery
- Journal of Gastroenterology and Its Complications (JGIC)
- Lung India
- Minerva Chirurgica
- Nutrients
- Children
- Frontiers

- Journal of Pediatric Gastroenterology & Nutrition
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## **RESEARCH ACTIVITIES**

2002-2004 Research project on Venous Thrombosis related to Central Venous Catheters in pediatric patients at the University of Padua. Supervisors: Prof. GF Zanon and Prof. P. Simioni.

2004-2006 Experimental research project on the endoscopic treatment of gastroesophageal reflux in pediatric patients and the use of stem cells in the digestive tract (Prof. PG Gamba, Pediatric Surgery, University of Padua).

8/12/2005 Accredited training certificate for Experimental Work on Animals in the United Kingdom.

2006 Research Fellow at ICH-Great Ormond Street Hospital- Surgery Unit- London, supervised by Prof. A. Pierro and Dr. P. De Coppi. Approved project by the Home Office UK: "A rat model of necrotising enterocolitis" for the application of innovative therapies for intestinal damage, particularly using amniotic fluid stem cells.

2007-2009 Enrolled in the Doctoral School of the University of Padua in "Biology and Medicine of Regeneration," specializing in Hepato-gastroenterology. XXII° cycle.

5/11/2008 Course on animal experimentation at the Veneto Oncology Institute and the Veneto Institute of Molecular Medicine in Padua.

2007-2008 Collaboration with the Stem Cell Processing Lab-VIMM and the Gene Transfer Lab at the Institute of Biology – University of Padua. (Skeletal and myocardial muscle regeneration).

2008-2009 Collaboration with the Bone Marrow Transplant Lab, Department of Pediatrics - IRCCS Policlinico San Matteo of Pavia (Immuno-modulation properties of Amniotic Fluid Stem Cells).

Collaboration with the Department of Physiology, University of Pavia (Differentiation and functional study of neuroenteric precursors: bases for stem cell therapy of Hirschsprung disease and allied disorders, CARIPO 2009 grant).

2012-2013 PI project: Combination of clinical scoring system and Ultrasound for the diagnosis of pediatric appendicitis C&W Hospital NHS foundation trust - Imperial College London.

2012-2015 Collaboration with Imperial College London on projects for the application of simulation in surgical training with minimally invasive and robotic techniques.

2015-present Member of ARMnet with participation in clinical research activities on anorectal malformations.

2015 Member of the SIVItaly multidisciplinary study group (responsible for the national study on Undescended Testis and VLS), member of the working group on guidelines for the

minimally invasive treatment of esophageal atresia, ureteropelvic junction disorders, and nephrectomies. Guidelines published (see publication list).

2016-present

- Member of the "ERNICA expert group for Hirschsprung disease," working group for treatment guidelines: ERNICA guidelines for the management of rectosigmoid Hirschsprung's disease; ERNICA consensus for management of Total Colonic Aganglionosis (in progress).
- Collaboration with the research group (Rome-Sapienza, Chemical Fundamentals of Technologies at the University Campus Bio-Medico of Rome, Department of Biology, Padua) on the use of muscle precursors in the regeneration of sphincter structures.
- Local representative (University of Padua) for the EUPSA European registry of Esophageal Atresia.
- Member of the Scientific Commission of the Biliary Atresia Network, participating in the work for the establishment and maintenance of the national BA registry.
- Member of the Research Commission of the Department of Women's and Children's Health, University of Padua since 5/11/2018, renewed in January 2023.
- Collaboration with the Department of Biology, University of Padua and the Pediatric Research Institute – Fondazione Città della Speranza.
- Member of the Working Group of the SDB Department, University of Padua, for the Research Quality Assessment 2015-2019.
- Member of the Hirschsprung Expert Group of ERNICA.
  - ERNICA guidelines for the management of rectosigmoid Hirschsprung's disease. Published in 2020. Kick-off in Amsterdam, 25-27 Oct 2017.
  - ERNICA Total Colonic Aganglionosis Consensus Statement: guideline meeting for total colonic aganglionosis. Kick-off in Rotterdam, 27/09/2019.
- Member of the Necrotising Enterocolitis guideline ERNICA expert group. Kick-off on 21/04/22 in Helsinki.
- Coordinator of the Urological Anomalies associated with anorectal malformation working group of the ARMnet consortium (European network of experts on anorectal malformations).
- Member of the commission for the assignment of a 12-month Research Grant Call of 01/10/2021, Research Area: 07 Medical Sciences, Scientific-Disciplinary Sector: SSD MED/38, Project Title: "NeoGluControl Study - Neonatal cerebral oxygenation and glycemic control: metabolomic fingerprints of hypoglycemia," Project Leader: Prof. Eugenio Baraldi, Funding: Department of SDB Funds, Team For Children ONLUS Association Funds.

- Member of the Research & Technology Committee of ESPES (European Society of Pediatric Endoscopic Surgery).
- Member of the working group of the Italian Registry of Biliary Atresia – SIGENP and the scientific committee until January 2024.

#### **Grants awarded:**

- DOR 2016. PI project: "Role of muscle precursor cells in anorectal malformations." Funded.
- Coordinator for the creation of the ERNICA e-pathology platform, responsible for drafting the application for the grant call open to European Reference Networks: Connecting Europe Facility 2014-2020 CEF Telecom Call for proposal 2017 CEF-TC-2017-2, submitted by ERNICA.
- DOR 2017. PI project: "Long-term outcomes of congenital abdominal wall defects. Impact on quality of life." Ethical committee approval for clinical trials, Province of Padua 64767 6/11/2017. Funded.
- DOR 2018. PI project: "Prenatal predisposing factors and NEC." Funded.
- BIRD 2019. PI project: "Regenerative medicine as a therapeutic approach for anal sphincter defects: design and in vivo autologous implant of a 3D printed artificial myo-structure. Pilot study." Code: BIRD191710/19. Collaboration with Rome-Sapienza, Chemical Fundamentals of Technologies at the University Campus Bio-Medico of Rome, Department of Biology, Padua. Total funding: €45,000.
- DOR 2019 PI project: "Antenatal predictors for foregut malformation." Funded.
- BIRD 2020 Co-Investigator project: "Surgical treatment of rare esophageal disease in pediatric age: long term follow-up as regards transitional and adult ages, and development of a dedicated clinic" by Prof. Mario Costantini.
- DOR 2020. PI project: "Long-term outcomes of Hirschsprung disease corrected in pediatric age." Funded.
- DOR2152003/21 "Intestinal organoids as a model for surgical diseases. Culture setting."
- DOR2293039/22 "Validation of a simulation platform for microvascular surgery: pilot study in Pediatric Surgery training."
- PI beneficiary center (AOUP) call EU4H-2023-ERN2-IBA for the activity 2023-2027 ERNICA funded (four-year funding for the work package CPMS total funding €3,224,999.26, Padua work package funding €132,947.5).
- Funding from Team for Children for the project "Possible tools for early diagnosis of necrotizing enterocolitis (intestinal microbiota, Doppler NIRS, inflammation markers): a pilot study," Expiry: 31/12/24 - (Amount: €20,000.00).

- PI of the project “PNRR- TNE CUCS-UNITAFRICA: collaboration for high education in Pediatric Surgery and new technologies,” Under evaluation.

### **Other Grants Applications**

- PRIN 2016. Collaborator project: DEVELOPMENT AND CHARACTERIZATION OF AN ANIMAL MODEL OF ANAL SPHINCTER DAMAGE AND DEFINITION OF ANAL SPHINCTER INSUFFICIENCY IN CHILDREN AFFECTED BY ANORECTAL MALFORMATIONS AFTER SURGERY. Outcome: not funded; judgment: 2 excellent, 1 good.
- BIRD 2017. PI project: Regenerative medicine as a therapeutic approach for anal sphincter defects: design and characterization 3D-printed artificial myo-structure. Not funded.
- Musculoskeletal Transplant Foundation (MTF) grant 2017. Co-Investigator project: “3D Bioprinting Based Artificial Muscle as In Vivo Autologous Implant for Anal Sphincter Defects in Anorectal Malformations and Adult Secondary Damage.” Judgment: 10.8/15. Not funded.
- PRIN 2022 Call. Project Coordinator: Ciro Esposito; Unit Research Leader: Francesco Fascetti Leon. Research Project Title: TELEMENTORING: A PATHWAY TO IMPROVE WORK-RELATED STRESS IN SURGERY - ERGONOMICS OF COMPLEX SETTINGS.
- JUST-ITALIA FOUNDATION SAVING PREMATURE NEWBORNS FROM NECROTIZING ENTEROCOLITIS (NEC): INNOVATIVE STUDY TO TEST BIOLOGICAL NANOPARTICLES AND NEW DRUGS ON 3D MODELS. October 2022: Role: Co-PI.
- ESPR RESEARCH GRANT PROGRAMME 2022 APPLICATION TEMPLATE for the Young Investigator START-UP GRANTS, the Nursing GRANTS & the Early Post-Doc RESEARCH GRANTS: NEAR-INFRARED SPECTROSCOPY (NIRS), DOPPLER ULTRASOUND, INTESTINAL MICROBIOTA AND INFLAMMATORY BIOMARKERS AS PREDICTIVE TOOLS OF NECROTIZING ENTEROCOLITIS (NEC): A PILOT STUDY. August 2022. Role: PI.
- L'OREAL-WOMEN FOR SCIENCE: INTESTINAL ORGANOIDS AS A MODEL FOR UNDERSTANDING MICROBIOME ROLE IN NECROTIZING ENTEROCOLITIS. April 2021. Role: PI.
- CARIPARO RESEARCH OF EXCELLENCE 2021: PRECLINICAL VALIDATION OF 3D ARTIFICIAL MUSCLE IMPLANT TO RESTORE ANAL SPHINCTER FUNCTION. February 2021. Role: PI.
- ANGELINI FOR FUTURE 2021 - Support for independent Research in Rare Diseases. COMBINATION OF NEAR-INFRARED SPECTROSCOPY (NIRS), DOPPLER ULTRASOUND, INTESTINAL MICROBIOTA AND INFLAMMATORY BIOMARKERS AS PREDICTIVE TOOLS FOR NECROTIZING ENTEROCOLITIS (NEC) OCCURRENCE AND PROGRESSION IN PRETERM NEONATES: A PILOT STUDY. February 2021. Role: PI.

## Other Ongoing Projects

- **INTESTINAL ORGANOIDs: A MODEL TO STUDY NECROTIZING ENTEROCOLITIS (NEC) MECHANISMS AND THE INFLUENCE OF MODULATING AGENTS ON THE INTESTINAL EPITHELIAL INJURY.** Project in collaboration with Stem Cell Processing Lab IRP-Città della Speranza.
- **DEEP LEARNING BASED APPROACH (AI)** for histopathology diagnosis of Hirschsprung disease.
- Validation of the "**Advanced NeuroVascular Trainer**" platform for training on microvascular sutures.
- **NEAR-INFRARED SPECTROSCOPY (NIRS) AS A PREDICTIVE TOOL FOR NECROTIZING ENTEROCOLITIS (NEC) OCCURRENCE AND PROGRESSION IN PRETERM NEONATES: A PILOT STUDY.**
- Role of **metabolomics and intestinal microbiome** in identifying patients with necrotizing enterocolitis compared to healthy controls and surgical patients.

## Congress Faculty Membership

- **STEPS seminars** 31/08-01/09 2018 Padova PEDIATRIC SURGICAL ONCOLOGY-expert forum. Member of the organizing committee.
- **ESPES** 12th annual congress 29 September 2022 Barcelona.
- **SICP Ancona** October 2022, session on Oncologic Surgery at the annual SICP congress.
- **XIII Workshop Policlinico di Milano** theme: MAR (Ano-rectal malformations) and vertebral anomalies: which path to follow, 26 November 2022.
- Joint Congress **ESPES/IPEG** 5-8 July 2023 in Sorrento, Italy.
- **SICP 2023** Napoli 21-23/09/2023.
- **SARNEPI** national congress Ancona 5-7 October 2023.
- **3rd National Congress SINGEM**, Padova 8-10/06/2023.
- **Triveneto Group for Chronic Intestinal Insufficiency**, Padova 26/06/23.
- **14TH ANNUAL EUROPEAN Pediatric Colorectal and Pelvic Reconstruction Meeting** - Milano, 25-27 October 2023.

**Completion of final test in the FAD ECM Course: MODULE LARGE ANIMALS II EDITION TRAINING AND UPDATE FOR THE PROTECTION OF LAB ANIMALS IN SCIENTIFIC**

RESEARCH. Università Cattolica Sacro Cuore 14/06/2023, necessary for the approval of experimental research projects on animals.

## **TEACHING / EDUCATIONAL ACTIVITIES**

- Speaker at the course: "From prenatal diagnosis to discharge" (GI malformation) January 2005, Padova.
- Tutor/supervisor for pediatric surgery residents at the University of Pavia from 2008-2009.
- Tutor/supervisor for pediatric surgery residents at the University of Bologna from 2010-2012.
- Speaker/demonstrator in practical sessions of the Master's in Minimally Invasive Pediatric Surgery at the University of Bologna 2010-2012.
- Responsible for "small group teaching sessions" for students of the Imperial College Medical School London UK on pediatric surgery topics from October 2012-March 2015.
- Tutor for Medical and Surgery students at the University of Padua since 2015.
- Speaker at the Pediatric Nuclear Medicine course, Italian Association of Nuclear Medicine, Padova 23-25 November 2015.
- Instructor for the course "Pediatric and Neonatal ECMO" at the University Hospital of Padua 30/01-28/03 2017.
- Speaker and member of the organizing committee of the STEPS seminars 31/08-01/09 2018 Padova PEDIATRIC SURGICAL ONCOLOGY-expert forum.
- Thesis advisor for medical and surgical degrees at the University of Padua since 2016.
- Thesis advisor for specializations, School of Specialization in Pediatric Surgery since 2016.
- Member of the teaching staff for Pediatrics (subject: Pediatric Surgery) in the Medicine and Surgery degree program at the University of Padua for the academic year 2017-2018.
- Teaching in the specialization school in Pediatrics on subjects such as Pediatric Urology, Neonatal Surgery, Abdominal Surgery, academic years 20-21, 21-22, 22-23.
- Teaching in the specialization school in Pediatric Surgery on subjects such as Laparoscopic and Thoracoscopic Pediatric Surgery, Hepatobiliary Pediatric Surgery, academic years 20-21, 21-22, 22-23.

- Lecturer in the Bachelor's degree in Midwifery at the Vicenza campus, year II, teaching General Surgery for the academic years 21-22, 23-24, and Pediatric Surgery for the academic year 22-23.
- Lecturer in the Bachelor's degree in Midwifery at the Padua campus, year II, teaching Pediatric Surgery seminars for the academic years 22-23, 23-24.
- Lecturer in the Advanced Training course in Reproductive and Prenatal Genetics at the University of Padua editions 2021, 2022, 2023.
- Member of the teaching faculty and the board of directors for the PhD course in Developmental Medicine and Health Programming Sciences.
- Deputy Director of the School of Specialization in Pediatric Surgery at the University of Padua.
- Since 2023, Deputy Director and lecturer for the second-level Master's in Airway and Digestive Endoscopy in Neonatal and Pediatric Age, University of Padua.
- Tutor for residents of the School of Specialization in Pediatric Surgery – University of Padua.
- Supervisor: Dr. Miriam Duci PhD course in Developmental Medicine and Health Programming Sciences, 37th cycle Curriculum in HEMATO-ONCOLOGY, GENETICS, RARE DISEASES, AND PREDICTIVE MEDICINE. Project title: INTESTINAL ORGANOIDS: A MODEL TO STUDY NECROTIZING ENTEROCOLITIS (NEC) MECHANISMS AND THE INFLUENCE OF MODULATING AGENTS ON THE INTESTINAL EPITHELIAL INJURY.
- Lecturer for the Master in Pediatric MIS ESPES 2022 bilingual (cooperation with WOFAPS, SACP).
- Lecturer for the "Advanced Course in Laparoscopy and Robotics in Pediatric Urology", Federico II University Naples, editions:
  - 11-12 July 2019
  - 9-10 July 2020
  - 15-16 September 2022
  - 14-15 September 2023
  - 15-16 April 2024 (ESPU pre-congress course).
- External Tutor for Erasmus-Elective Internship in Pediatric Surgery student R. A. W. Ploumen, Maastricht University 15/01-23/03/2018. Research project: Systematic Review Antenatal Ultrasound characteristics in need for neonatal abdominal surgery – registered on the Prospero platform.
- Lecturer for the course: REOPEN short bowel syndrome expert meeting. Padova 14/11/2019.

- Speaker for the first-level University Master's: Use of Ultrasound in the clinical practice of the midwifery profession. 28 May 2020.
- Speaker at various training and update meetings for medical and nursing staff.
- Speaker at the "ATELIER DE PARTAGE ENTRE MÉDECINS ITALIENS ET SÉNÉGALAIS SUR LA CHIRURGIE PÉDIATRIQUE" 20 March 2023, Simulation Center of the Faculty of Medicine, Pharmacy and Dentistry (FMPO) of the University Cheikh Anta Diop (UCAD) of Dakar. Lecture: "Evolution of minimally invasive pediatric surgery: new techniques and perspectives."
- Lecturer for the second-level University Master in Transitional Care in Pediatric Surgery, University of Pavia for the academic year 2023-2024.

### **Languages**

- Italian
- English
- French

## PUBLICATIONS

1	<b>Fascetti Leon F</b> , Gasparella M, Gamba PG. [Antireflux surgery in neurologically impaired-children]. <i>Pediatr Med Chir.</i> <b>2005</b> Jan-Apr;27(1-2):75-80.	<b>IF 0.42 Q4</b>
2	Luzzatto C, Lo Piccolo R, <b>Fascetti Leon F</b> , Zanon GF, Toffolutti T, Tregnaghi A. Further experience with OK-432 for lymphangiomas. <i>Pediatr Surg Int.</i> <b>2005</b> Dec;21(12):969-72.	<b>IF 1.8 Q3</b>
3	<b>Fascetti-Leon F</b> , Malerba A, Boldrin L, Leone E, Betalli P, Pasut A, Zanon GF, Gamba PG, Vitiello L, De Coppi P. Murine muscle precursor cells survived and integrated in a cryoinjured gastroesophageal junction. <i>J Surg Res.</i> 2007 Dec;143(2):253-9.	<b>IF 2.2 Q2</b>
4	Zani A, Eaton S, <b>Fascetti Leon F</b> , Malerba A, Hall NJ, De Coppi P, Smith VV, Pierro A. Captopril reduces the severity of bowel damage in a neonatal rat model of necrotizing enterocolitis. <i>J Pediatr Surg.</i> <b>2008</b> Feb;43(2):308-14	<b>IF 2.4 Q2</b>
5	Gobbi D, <b>Fascetti Leon F</b> , Tregnaghi A, Gamba PG, Midrio P. Early prenatal diagnosis of cloacal exstrophy with fetal magnetic resonance imaging. <i>Fetal Diagn Ther.</i> <b>2008</b> ;24(4):437-9.	<b>IF 2.2 Q3</b>
6	Gamba P, Midrio P, Betalli P, Snijders D, <b>Fascetti Leon F</b> . Video-assisted thoracoscopy in compromised pediatric patients. <i>J Laparoendosc Adv Surg TechA.</i> <b>2010</b> Feb;20(1):69-71	<b>IF 1.3 Q4</b>
7	Ghionzoli M, Cananzi M, Zani A, Rossi CA, <b>Fascetti Leon F</b> , Pierro A, Eaton S, De Coppi P. Amniotic fluid stem cell migration after intraperitoneal injection in pup rats: implication for therapy. <i>Pediatr Surg Int.</i> <b>2010</b> Jan;26(1):79-84.	<b>IF 1.8 Q3</b>
8	<b>Fascetti-Leon F</b> , Gobbi D, Gamba P, Cecchetto G. Neonatal bilateral spigelian hernia associated with undescended testes and scalp aplasia cutis. <i>Eur J Pediatr Surg.</i> <b>2010</b> Mar;20(2):123-5.	<b>IF 1.8 Q3</b>
9	Pozzobon M, Bollini S, Iop L, De Gaspari P, Chiavegato A, Rossi CA, Giuliani S, <b>Fascetti Leon F</b> , Elvassore N, Sartore S, De Coppi P. Human bone marrow-derived CD133(+) cells delivered to a collagen patch on cryoinjured rat heart promote angiogenesis and arteriogenesis. <i>Cell Transplant.</i> <b>2010</b> ;19(10):1247-60.	<b>IF 3.3 Q3</b>
1 0	Gobbi D, <b>Fascetti Leon F</b> , Gasparella P, Gamba P, Betalli P. Conservative treatment of spontaneous biliary perforation. <i>Pediatr Int.</i> <b>2011</b> Aug;53(4):594-5.	<b>IF 1.4 Q4</b>
1 1	<b>Fascetti-Leon F</b> , Gamba P, Dall'Oglio L, Pane A, de Angelis GL, Bizzarri B, Fava G, Maestri L, Cheli M, Di Nardo G, La Riccia A, Marrello S, Gandullia P, Romano C, D'Antiga L, Betalli P. Complications of percutaneous endoscopic gastrostomy in children: results of an Italian multicenter observational study. <i>Dig Liver Dis.</i> <b>2012</b> Aug;44(8):655-9.	<b>IF 4.5 Q2</b>
1 2	Gobbi D, Billi P, <b>Fascetti Leon F</b> , Alvisi P, Lambertini A, Lima M. Pneumatic pyloric dilatation for the treatment of gastric outlet obstruction in a child. <i>Pediatr Int.</i> <b>2013</b> Jun;55(3):382-5	<b>IF 1.4 Q4</b>
1 3	<b>Fascetti-Leon F</b> , Gobbi D, Pavia SV, Aquino A, Ruggeri G, Gregori G, Lima M. Sparing-lung surgery for the treatment of congenital lung malformations. <i>J Pediatr Surg.</i> <b>2013</b> Jul;48(7):1476-80.	<b>IF 2.4 Q2</b>
1 4	Gobbi D, <b>Fascetti Leon F</b> , Aquino A, Melchionda F, Lima M. Metachronous bilateral ovarian teratoma: a germ-line familial disorder and review of surgical management options. <i>J Pediatr Adolesc Gynecol.</i> <b>2013</b> Oct;26(5):e105-7.	<b>IF 1.8 Q4</b>
1 5	Zani A, Cananzi M, Lauriti G, <b>Fascetti-Leon F</b> , Wells J, Siow B, Lythgoe MF, Pierro A, Eaton S, De Coppi P. Amniotic fluid stem cells prevent development of ascites in a neonatal rat model of necrotizing enterocolitis. <i>Eur J Pediatr Surg.</i> <b>2014</b> Feb;24(1):57-60.	<b>IF 1.8 Q3</b>

1 6	Zani A, Cananzi M, <b>Fascetti-Leon F</b> , Lauriti G, Smith VV, Bollini S, Ghionzoli M, D'Arrigo A, Pozzobon M, Piccoli M, Hicks A, Wells J, Siow B, Sebire NJ, Bishop C, Leon A, Atala A, Lythgoe MF, Pierro A, Eaton S, De Coppi P. Amniotic fluid stem cells improve survival and enhance repair of damaged intestine in necrotising enterocolitis via a COX-2 dependent mechanism. <i>Gut</i> . <b>2014</b> Feb;63(2):300-9.	IF 24.5 Q1
1 7	Fanjul M, Samuk I, Bagolan P, Leva E, Sloots C, Giné C, Aminoff D, Midrio P; <b>ARM-Net Consortium</b> (Dalia Aminoff, Piero Bagolan, Barbara Iacobelli, Paul Broens, Stefan Deluggi, Johanna Ludwiczek, Maria Fanjul, <b>Francesco Fascetti-Leon</b> , Piergiorgio Gamba, Carlos Giné, Stefano Giuliani, Jan Goseman, Martin Lacher, Sabine Grasshoff-Derr, Stefan Holland-Cunz, Ernesto Leva, Anna Morandi, Gabriele Lisi, Omid Madadi-Sanjan, Igor Makedonsky, Carlo Marcelis, Paola Midrio, Onur Ozen, Alessio PiniPrato, Carlos Reck-Burneo, Heiko Reutter, Stephan Rohleder, Inbal Samuk, Eberhard Schmiedeke, Pim Sloots, Herjan van der Steeg, Pernilla Stenström, Holger Till, Patrick Volk, and Tomas Wester). Tethered cord in patients affected by anorectal malformations: a survey from the ARM-Net Consortium. <i>Pediatr Surg Int</i> . <b>2017</b> Aug;33(8):849-854.	IF 1.8 Q3
1 8	<b>Fascetti-Leon F</b> , Scotton G, Pio L, Beltrà R, Caione P, Esposito C, Mattioli G, Saxena AK, Sarnacki S, Gamba P. Minimally invasive resection of adrenal masses in infants and children: results of a European multi center survey. <i>Surg Endosc</i> . <b>2017</b> Jun 22. doi 10.1007/s00464-017-5689-4	IF 3.1 Q1
1 9	<b>Fascetti-Leon F</b> , El Agami H, Gobbi D, Clarke S, Haddad M, Choudhry M. Feeding Jejunostomy: Is It a Safe Route in Pediatric Patients? Single Institution Experience. <i>Eur J Pediatr Surg</i> . <b>2017</b> May 23. doi: 10.1055/s-0037-1603526	IF 2.4 Q2
2 0	<b>Francesco Fascetti-Leon</b> , William Sherwood. Neonatal appendicitis and incarcerated inguinal hernia: Case report and review of the literature. <i>JIAPS October-December 2017</i> , 22 (4) p.248-250. DOI:10.4103/jiaps.JIAPS_226_16	IF 0.543
2 1	<b>Francesco Fascetti-Leon</b> , Francesca Grandi, Maria Elena Cavicchiolo, Giovanna Verlatto. Urokinase thrombolysis as a rescue treatment for midgut volvulus ischemia. <i>Journal of Pediatric Surgery Case Reports</i> 23(C) · May 2017 DOI: 10.1016/j.epsc.2017.05.017	IF 0.4 Q4
2 2	Chiarenza SF, Blevé C, Esposito C, Escolino M, Beretta F, Cheli M, Di Benedetto V, Scuderi MG, Casadio G, Marzaro M, <b>Fascetti Leon F</b> , Bagolan P, Vella C, Conighi ML, Codric D, Nappo S, Caione P. Guidelines of the Italian Society of Videosurgery in Infancy for the minimally invasive treatment of pediatric nephrectomy and partial nephrectomy. <i>Pediatr Med Chir</i> . <b>2017</b> Oct 4;39(3):175. doi: 10.4081/pmc.2017.175.	IF 0.42
2 3	Chiarenza SF, Blevé C, Esposito C, Escolino M, Beretta F, Cheli M, Di Benedetto V, Scuderi MG, Casadio G, Marzaro M, <b>Fascetti Leon F</b> , Bagolan P, Vella C, Conighi ML, Codric D, Nappo S, Caione P. Guidelines of the Italian Society of Videosurgery in Infancy for the minimally invasive treatment of the ureteropelvic-junction obstruction. <i>Pediatr Med Chir</i> . <b>2017</b> Oct 4;39(3):174. doi: 10.4081/pmc.2017.174.	IF 0.42
2 4	Chiarenza SF, Conighi ML, Conforti A, Esposito C, Escolino M, Beretta F, Cheli M, Di Benedetto V, Scuderi MG, Casadio G, Marzaro M, <b>Fascetti Leon F</b> , Vella C, Blevé C, Codric D, Caione P, Bagolan P. Guidelines of the Italian Society of Videosurgery in Infancy for the minimally invasive treatment of the esophageal atresia. <i>Pediatr Med Chir</i> . <b>2017</b> Oct 4;39(3):166. doi: 10.4081/pmc.2017.166.	IF 0.42
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7 2	de Beaufort CMC, Aminoff D, de Blaauw I, Crétolle C, Dingemann J, Durkin N, Feitz WFJ, FruithofJ, Grano C, Burgos CM, Schwarzer N, Slater G, Soyer T, Violani C, Wijnen R, de Coppi P, Gorter RR; Transition of Care study groupTransitional Care for Patients with Congenital Colorectal Diseases: An EUPSA Network Office, ERNICA, and eUROGEN Joint Venture.. <i>J Pediatr Surg.</i> <b>2023</b> Dec;58(12):2319-2326. doi: 10.1016/j.jpedsurg.2023.06.008. Epub 2023 Jun 14. Transition of Care study group: Olivier Abbo, Rossella Angotti, Sanja Sindjic Antunovic, Stefan Anzelewicz, Christoph Arneitz, Marion Arnold, Zaki Assi, Emrah Aydin, Quentin Ballouhey, Patricia Barila, Sonia Basson, Manuel Besendorfer, Antonio Di Cesare, Anne Dariel, Inga ekeryte, Ivona Djordjevic, Vincenzo Domenichelli, Lise Duranteau, Cigdem Durakbasa, Anne-Karoline Ebert, Verena Ellerkamp, <b>Francesco Fascetti Leon</b> , Margit Fisch, Araceli Garcia Vazquez, Christoph Gielok, Gulnur Gollu Bahadir, Frank-Martin Haecker, Gundela Holmdahl, Sabine Irtan, Ceri Jones, Mohit Kakar, Ali Keshtgar, Kolja Kvist, Francesco Laconi, Marie Laurance, Eduardo Lopez Candel, Johanna Ludwiczek, Barbara Ludwikowski, Francesco Macchini, Mark Malota, Lucas Matthyssens, Benjamin Martin, Leopoldo Martinez, Paola Midrio, Marc Miserez, Giovanni Mosiello, Francisco Murcia Pascual, Bernardo Nunez, Roger Olén, Can Ihsan Öztorun, Ayse Parlak, Alessio Pini Prato, Anna Poupalou, Marcos Prada Arias, Jordi Prat, Carlos Pueyo Gil, Luis Felipe Avila Ramirez, Bertram Reingruber, Giovanna Riccipetoni, Silke Riechardt, Toni Risteski, Wojciech Rogula, Udo Rolle, Carmelo Romeo, Frank-Mattias Schäfer, Gabriella Scirè, Rony Sfeir, Georg Singer, Pim Sloots, Michael Stanton, Pernilla Stenström, Maria Stockinger, M Surhan, Janne Suominen, Julia Syed, Isabelle Talon, Halil Ibrahim Tanriverdi, Osman Uzunlu, Laura Valfre, Marieke Witvliet, Elisa Zambaiti, Cinzia Zanatta, Augusto Zani	<b>IF 2.4 Q2</b>
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7 4	Duci M, Santoro L, Dei Tos AP, Loss G, Mescoli C, Gamba P, <b>Fascetti Leon F</b> Postoperative Hirschsprung's associated enterocolitis (HAEC): transition zone as putative	<b>IF 3.4 Q2</b>

	histopathological predictive factor..J Clin Pathol. 2023 Nov 23:jcp-2023-209129. doi: 10.1136/jcp-2023-209129. Online ahead of print.PMID: 38053256	
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7 9	Anna Löf Granström,, Willemijn Irvine, Anders Telle Hoel, Merit Tabbers, Kristiina Kyrklund, <b>Francesco Fascetti Leon</b> , Fabio Fusaro, Nikhil Thapar, Anne Dariel, Cornelius E. J. Sloots, Marc Miserez, Annette Lemli, Sabine Alexander, Cecile Lambe , Célia Crétolle, Niels Qvist, Nagoud Schukfeh, Martin Lacher, Duccio Cavalieri, Ernst van Heurn, Rony Sfeir, Mikko P. Pakarinen, Kristin Bjørnland, Tomas Wester ERNICA CLINICAL CONSENSUS STATEMENTS ON TOTAL COLONIC AND INTESTINAL AGANGLIONOSIS. <i>Accepted Journal of Pediatric Surgery</i>	<b>IF 2.4 Q2</b>

#### Under review

- Rebecca Pulvirenti, Miriam Duci, Cecile Lambe, Annika Mutanen, Henrik Arnell, Merit M Tabbers, **Francesco Fascetti-Leon**, on behalf of the European Reference Network for rare

Inherited and Congenital Anomalies (ERNICA) IS A CENTRAL LINE AN OBSTACLE TO PLAY SPORT? THE VIEW OF THE EUROPEAN REFERENCE CENTRES FOR PEDIATRIC INTESTINAL FAILURE *under review at Journal of Pediatric Surgery*

### Chapters in Books, Monographs, Theses

- Orphanet Reports Series (ORS) on Small Intestinal Atresia ORPHA1201 and Duodenal Atresia ORPHA1203 (Expert Reviewer 2021) [Link to Report](#)
  - **Contributors:** Dr. Francesco Fascetti Leon | ERNICA\*, Pr. Niels Qvist | ERNICA\*, Dr. Alessandra Rancan
  - **Last Update:** July 2021
- **Ruggeri, G., Fascetti-Leon, F., Gregori, G., Lima, M.** "Anatomy of the Thorax," in *Pediatric Thoracic Surgery*, Springer, January 1, 2013, pp. 3-15.
  - **DOI:** 10.1007/978-88-470-5202-4\_1
  - **ISBN:** 978-884705202-4; 978-884705201-7
- **Mogiatti M, Destro F, Fascetti Leon F, Gregori G, Lima M.** *Fimosi*, Clueb, 2012.
  - **ISBN-10:** 8849136501
  - **ISBN-13:** 978-8849136500
- **Betalli P, Alberti D, Bizzarri B, Boscolo V, Cheli M, Colusso B, DalleNogare C, Dall'Oglio L, De'Angelis GL, DiNardo G, Falchetti D, Fascetti Leon F, Fava G, Frediani S, Gamba P, Gandullia P, Gasparella P, La Riccia A, Mattioli G, Marrello S, Pane A, Romano C, Rossi A, Torroni F.** *La gestione delle gastrostomie in età pediatrica. Consensus 2009*, Società Italiana di Gastroenterologia Epatologia e Nutrizione Pediatrica.
  - **ISBN:** 978-88-95394-07-7
- **Francesco Fascetti-Leon and Piergiorgio Gamba.** "Midline and Lateral Cysts and Sinuses of the Neck," in M. Lima, O. Reinberg (eds.), *Neonatal Surgery*, Springer Nature Switzerland AG, 2019.
  - **DOI:** [https://doi.org/10.1007/978-3-319-93534-8\\_9](https://doi.org/10.1007/978-3-319-93534-8_9)
- **Francesco Fascetti-Leon.** *Utilizzo dei precursori muscolari scheletrici e precursori derivati da sistema neuroenterico nella correzione dei difetti sfinteriali*, PhD Thesis, 2011. Padova Digital University Archive.
  - [Link to Thesis](#)
- **Francesco Fascetti-Leon.** *Guide for Parents for the Cure and Maintenance of the Gastrostomy (Italian)*, printed by the "Ufficio Relazioni con il Pubblico dell'Azienda Ospedaliera di Padova" (distributed from 2003).

### Bibliographic Indices

- **H-index**
  - Scopus: 15
  - Google Scholar: 16
  - ResearchGate: 15
- **Total Citations**
  - Scopus: 808
  - Google Scholar: 1193
  - ResearchGate: 956

### Abstracts Presented at Conferences

2004

European Paediatric Surgeons Association (EUPSA) annual meeting

**Tour, France, 21-24 June 2004**

- *Pancreatic pseudocysts in children: which is the correct approach?* Fusaro F, Fascetti Leon F, DeCoppi P, Zancan L, Gamba PG (Poster presentation)

**2005**

**Pediatric Endosurgery Group (IPEG) annual meeting**

**Venice 1-4 June 2005**

- *Cell injection: a new approach for the treatment of gastroesophageal reflux. Preliminary experience in animals.* Fascetti Leon F, DeCoppi P, Malerba A, Boldrin L, Betalli P, Zanon GF, Vitiello L, Gamba PG (Presentation)
- *Laparoscopic adrenalectomy for symptomatic and functioning adrenal masses.* Fascetti Leon F, Betalli P, Cesca E, Toniato A, Gamba PG (Poster presentation)
- *Video-assisted laparoscopic procedures in peritoneal dialysis catheter malfunction.* Cesca E, Betalli P, Fascetti Leon F, Andretta B, Zanon GF, Gamba PG

**British Association of Paediatric Surgeons (BAPS) annual meeting**

**Dublin, 12-15 July 2005**

- *Cell injection: a new approach for the treatment of gastroesophageal reflux. Preliminary experience in animals.* Fascetti Leon F, DeCoppi P, Malerba A, Boldrin L, Betalli P, Zanon GF, Vitiello L, Gamba PG

**Congresso straordinario della Società Italiana di Chirurgia Pediatrica (SICP)**

**Bologna 27-29 October 2005**

- *Iniezione di Cellule: nuova prospettiva per il trattamento del reflusso gastroesofageo. Esperienza preliminare negli animali.* Fascetti Leon F, DeCoppi P, Malerba A, Boldrin L, Betalli P, Zanon GF, Vitiello L, Gamba PG (Presentation)

**International Fetal Medicine and Surgery Society (IFMSS)**

**Helsingor, Denmark, 2005**

- *Prenatal diagnosis of cloacal exstrophy with fetal magnetic resonance.* D. Gobbi, P. Midrio, F. Fascetti Leon, P. Suma, A. Tregnaghi, P. G. Gamba (Presentation)
- *Sacroccygeal masses: atypical prenatal appearance.* D. Gobbi, P. Midrio, F. Fascetti Leon, P. Suma, A. Tregnaghi, P. G. Gamba

**2006**

**BAPS annual meeting**

**Stockholm, 18-21 July 2006**

- *Long term survival of Muscle Progenitors Cells injected in the Gastroesophageal Junction.* Fascetti Leon F, Malerba A, Boldrin L, Leone E, Betalli P, Talenti E, Vitiello L, Zanon GF, Gamba PG, DeCoppi P

**Congresso nazionale della Società Italiana di Chirurgia Pediatrica (SICP)**

**Pescara-Chieti, 21-23 September 2006**

- *Iniezione di precursori muscolari nella giunzione gastroesofagea. Sopravvivenza a lungo termine e capacità differenziative.* Fascetti Leon F, Malerba A, Boldrin L, Leone E, Betalli P, Talenti E, Vitiello L, Zanon GF, Gamba PG, DeCoppi P

**2007**

**EUPSA**

**Turin, 16-19 May 2007**

- *Muscle precursors injection in the gastroesophageal junction: further experience.* Fascetti Leon F, Malerba A, Boldrin L, Zanon GF, Gamba PG, Pierro A, De Coppi P

**BAPS**

**Edinburgh, UK, 17-20 July 2007**

- *Amniotic fluid stem cells and necrotising enterocolitis: a novel approach.* F Fascetti Leon, A Zani, A Malerba, A Pierro, P De Coppi (PR Price section)
- *Captopril reduces the severity of bowel damage in neonatal rat necrotising enterocolitis.* A Zani, S Eaton, F Fascetti Leon, A Malerba, N Hall, V Smith, A Pierro
- *In vitro enhancement of muscle precursore cells differentiation enhanced by co-cultures with neurogenic cells.* A Malerba, F Fascetti Leon, L Boldrin, C Caldwell, N Thapar, A Pierro, P De Coppi

**American Pediatric Surgeons Association (APSA)**

**Orlando, Florida, USA, 24-27 May 2007**

- *Further experience with the injection of muscle precursors in the gastroesophageal junction.* Fascetti Leon F, Malerba A, Boldrin L, Vitello L, Talenti E, Zanon GF, Gamba PG, Pierro A, De Coppi P

**International Pediatric Endosurgery Group annual congress**

**Buenos Aires, Argentina, 6-9 September 2007**

- *Thoracoscopic lung biopsy and wedge resection in compromised pediatric patients.* F Fascetti Leon, E Cesca, P Midrio, G Cecchetto, GF Zanon, A Barbato, PG Gamba

**American Academy of Pediatrics national conference**

**San Francisco, USA, 27-30 October 2007**

- *Amniotic fluid stem cells as a therapeutic option for necrotizing enterocolitis.* A Zani, M Cananzi, A Malerba, F Fascetti Leon, S Eaton, A Pierro, P De Coppi

**SICP annual meeting**

**Florence, 27-29 September 2007**

- *Protocollo di follow up nei pazienti operati per atresia esofagea.* Dalle Nogare, Betalli P, Fascetti Leon F, Mognato G, Midrio P, Zanon GF, Gamba PG
- *Il captopril riduce il danno intestinale nella NEC sperimentale.* A Zani, S Eaton, F Fascetti Leon, A Malerba, NJ Hall, V Smith, A Pierro

**2008**

**IPEG**

**Cannes, France, 12-15 June 2008**

- *Short-term results of PEG and Laparoscopic Gastrostomy. Single center experience.* P. Betalli, F. Fascetti Leon, C. Dalle Nogare, P. Gasparella, P. G. Gamba
- *Does preexisting gastrostomy affect laparoscopic Nissen fundoplication?* F. Fascetti Leon, P. Betalli, P. Midrio, P. G. Gamba

**2009**

**SICP**

**Genoa, 16-17 September 2009**

- *Caratterizzazione molecolare del carcinoide appendicolare in età pediatrica.* Avolio L, Marziliano N, Romano P, Fascetti Leon F, Gulino E, Martucciello G
- *Descrizione di un nuovo modello di NEC ed utilizzo di cellule staminali da liquido amniotico.* Zani A, Lauriti G, Cananzi M, Calzarossa C, Fascetti Leon F, Eaton S, Pierro A, De Coppi P
- *L'appendicolpatia specifica della fibrosi cistica: perché operare? Caso clinico e revisione della letteratura.* Fascetti Leon F, Avolio L, Minniti S, Martucciello G

**2010**

**SICP**

**Turin, 22-25 September 2010**

- *Ruolo della chirurgia mini-invasiva nel trattamento delle duplicazioni intestinali in età pediatrica: report di 15 anni di esperienza.* Molinaro F., Ruggeri G., Fascetti Leon F., Mazzer G., Lima M.
- *Un caso di ganglionite enterica: decorso clinico e management diagnostico e terapeutico.* Ruggeri G., Fascetti Leon F., Antonellini C., Randi B., Maffi M., La Pergola E., Lima M
- *La gastrostomia rende più difficile il confezionamento di una Nissen Laparoscopica?* Gasparella P., Betalli P., Fascetti Leon F., Dalle nogare C., Zanon G. F., Gamba P. G.

**XXXVI congresso nazionale SINP**

**Ancona, 11-13 November 2010**

- *L'esperienza bolognese nell'utilizzo dello stimolatore del nervo vago (VNS) nelle epilessie farmacoresistenti.* Gentile V., Brunetto D., Cordelli DM., Cecconi I., Fascetti Leon., d'Avella D., Marchiani V., Franzoni E

**XIX reunion GECI**

**Venice 9 October 2010**

- *Thoracoscopy and paediatric oncologic patients. Center experience* Fascetti Leon F., Gargano T., Randi B., Ruggeri G., Lima M.

## **BAPES**

**Berne 15-17 November 2010**

- Thoracoscopic resection of posterior mediastinal masses: center experience Gargano T., Fascetti Leon F., Randi B., Carlini., Lima M

**2011**

## **IPEG**

**Prague, Czech Republic, 14-17 June 2011**

- *Management of complications after laparoscopic adjustable gastric banding.* Fascetti Leon F, Rebecchi F, Maffi M, Fantini C, Miglietta M, Asti E, Bonavina L, Lima M (Oral presentation)
- *Long-term results after laparoscopic adjustable gastric banding in a pediatric series.* Fascetti Leon F, Rebecchi F, Maffi M, Fantini C, Miglietta M, Asti E, Bonavina L, Lima M (Poster presentation)

**2012**

## **SICP annual meeting**

**Padova 21-24 September 2011**

- Malformazioni polmonari congenite: esperienza di un singolo centro negli ultimi 10 anni  
**Fascetti Leon F., Gobbi D., Pavia S.V., Gargano T., Gregori G., Lima M.**

## **SICP, SIUP, SIVI meeting**

- **Milan 24-27 October 2012**

*Video-assisted gastrostomy. Centre Experience*

M Mogiatti, F Fascetti Leon, D Gobbi, Giovanni Ruggeri, G Gregori, Mario Lima

**2013**

- London Group of Paediatric Surgeons – GOSH London UK 17 April 2013.  
An interesting hernia: Neonatal Amyand's hernia and undescended testis. **F Fascetti Leon.**

**2016**

## **ESPES**

**Madrid 28-30 September 2016**

- Wandering Spleen: Laparoscopic Tricks in Two Young Patients. La Pergola Enrico, Fascetti Leon Francesco, De Corti Federica, Volpe Andrea, Nanni Lorenzo, Piergiorgio Gamba
- VATS for Lesions of Mediastinum. Ruol Michel, Fascetti Leon Francesco, Ghidini Filippo, Gamba Piergiorgio

**2017**

## **SICP**

**Taormina-Messina , 25-27 October 2017**

- *Idiopathic Kinking of the Splenic Vein: A Rare Cause of Gastric Bleeding* Andreetta, Sgro, Battistel, Ganarin, Fascetti Leon, Gamba
- *Surgical Treatment of Wandering Spleen: Literature Review and Case Analysis* Ganarin, La Pergola, Duci, De Corti, Cecchetto, Fascetti Leon, Gamba
- *Surgical Treatment of Appendicular Abscesses in Pediatric Patients* Duci, Fascetti Leon, Cecchetto, Gamba
- *Possible Maternal Predictive Factors for Severe Forms of Necrotizing Enterocolitis (NEC)* . Duci, Dall'Igna, Gamba, Fascetti Leon
- *Neonatal Independent Predictive Factors for the Development of Necrotizing Enterocolitis (NEC)*. Erculiani, Duci, Mognato, Fascetti Leon, Gamba

## **ESPES**

**Wroclaw 27-29 September 2017**

- *Mediastinal Cystic Lesion: A Bi-Centric Experience.* Gobbi D, Fascetti Leon F, Ganarin A, Gamba P, Midrio P

## **EUPSA**

### **Cyprus 17-20 May 2017**

- *Congenital Duodenal Obstruction: Single Centre Series and Follow-Up*  
Gamba P., De Corti F., Fascetti L.F., La Pergola E., Andreetta M.
- *Cosmetic Outcomes of Congenital Abdominal Wall Defects: Results of a Visual Assessment Scale According to Different Specialists.*  
Brooks G., Fascetti Leon F., De Corti F., Mognato G., Vindigni V., Bassetto F., Gamba P
- *Transient Hypertension Secondary to Complicated Appendicitis.*  
Maita S., La Pergola E., Longo G., Meneghesso D., Fascetti L. F., Gamba P.
- *Ingestion of Foreign Bodies and Food Impactions in Children: The Importance of Esophageal Biopsies*  
Ghidini F., De Corti F., Rossin S., Tellini M., Fascetti Leon F., Gamba P.

## **2018**

### **SICP**

#### **Bologna 15-16 November 2018**

- *Indication and Timing of Epigastric Hernia Correction in Pediatric Patients: Literature Review and Single Center Experience.*  
Brooks G., La Pergola E., Fascetti Leon F., Gamba P.
- *Low Anorectal Malformations: Importance of Screening for Associated Anomalies.*  
M. Duci, E. La Pergola, G. Brooks, A. Ganarin, F. Fascetti-Leon, P. Gamba
- *Prognostic Role of Growth Delay in the Development of Neonatal Necrotizing Enterocolitis (NEC) .*  
M. Duci, L. Giunco, S. Visentin, G. Brooks, P. Gamba, F. Fascetti Leon

### **EUPSA**

#### **Paris 20-23 June 2018**

- *Factors Associated with the Development of Necrotizing Enterocolitis (NEC) and Its Severity.*  
Miriam Duci, Kanjie Celadin, Marta Erculiani, Silvia Visentin, Giovanna Verlatto, Anna Chiara Frigo, Piergiorgio Gamba, Francesco Fascetti-Leon
- *Standard of Care in Rare Diseases: Preparing for ERNICA's Upcoming Guidelines on Hirschsprung's*  
Kristiina Kyrklund, Francesco Fascetti-Léon, René Wijnen, Mikko Pakarinen
- *Thoracoscopic Repair of Type C Esophageal Atresia: Multicenter Italian Study*  
Moustafa Elayouti, Giovanni Ruggeri, Mario Lima, Maria Luisa Conighi, Salvatore Fabio Chiarenza, Michela Cing YU Wong, Andrea Pedemonte, Girolamo Mattioli, Alessandra Implatini, Sebastiano Cacciaguerra, Francesco Fascetti Leon, Piergiorgio Gamba, Rosella Angotti, Mario Messina
- *Congenital Pouch Colon (CPC): Systematic Review and Western Country Experience.*  
Miriam Duci, Enrico La Pergola, Paola Midrio, Francesco Fascetti-Leon, Piergiorgio Gamba

### **ESPES**

#### **Bruxel 26-28 September 2018**

- *An Unusual Abdominal Abscess.*  
Ganarin, Magne, De Corti, Fascetti Leon, Gamba
- *Ovarian Pathology in Childhood: The Role of Minimally Invasive Surgery.*  
Magne, Ganarin, Andreetta, Virgone, De Corti, Fascetti Leon, Dall'Igna, Gamba

## **2019**

### **EUPSA**

#### **Belgrade 12-16 June 2019**

- *Management of Dysphagia in the Neurologically Impaired Child: Outcomes of a Bottom-Up Approach*

Elisa Zambaiti, Calogero Virgone, Filippo Ghidini, Roberta Stefanizzi, Marina Andreetta, Francesco Fascetti Leon, Piergiorgio Gamba

- *Urinary Tract Anomalies in Patients with Anorectal Malformation (ARM): The Role of Screening and Long-Term Follow-Up.*  
Miriam Duci, Paola Midrio, Marco Castagnetti, Piergiorgio Gamba, Francesco Fascetti-Leon
- *Histopathological Study of Anorectal Malformations: Possible Implications in Muscle Tissue Development*  
Andrea Zulli, Piergiorgio Gamba, Libero Vitiello, Cesare Gargioli, Francesco Fascetti Leon

## **ESPES**

### **Vicenza 12-13 September 2019**

- *Minimally Invasive Surgery (MIS) Versus Open Surgery (OS) in Newborns with Congenital Duodenal Obstruction (CDO) and Esophageal Atresia (EA): Short Term Outcome Comparative Study.*  
M. Andreetta, M. Erculiani, F. Fascetti Leon, P. Gamba
- *Thoracoscopy in Congenital Lung Malformations: Experience of a Single Centre* A. Ganarin, M. Andreetta, M. Garcia Magne, F. Fascetti Leon, C. Tognon, P. Gamba
- *Robotic Assisted Pediatric Hepatic Tumor Resection: Case Report*  
F. Fascetti Leon, E. Gringeri, S. Bisoffi, C. Tognon, P. Dall'Igna, U. Cillo, P. Gamba

### **2nd Feto-Neonatal Medicine and Surgery Meeting**

#### **Rome 31 January 2019**

- *Esophageal Atresia (EA), Dysphagia, and Growth Delay – Case Report*  
Marta Erculiani, Marina Andreetta, Francesco Fascetti Leon, Veronica Boscolo, Mara Cananzi, Piergiorgio Gamba

## **INoEA**

### **Rome 24 June 2019**

- *Thoracoscopic Management of Early Complications After Esophageal Atresia (EA) Correction: Single Center Experience*  
M. Andreetta, M. Erculiani, F. Fascetti Leon, P. Gamba

## **SICP**

### **Palermo 22-24 October 2019**

- *Video-Assisted Thoracoscopy (VATS) vs. Thoracotomy (T) for the Treatment of Congenital Lung Malformations: Single Center Experience*  
Miguel Garcia Magne, Ganarin Alba, Garcia Magne Miguel, Fascetti Leon Francesco, Tognon Costanza, Gamba Piergiorgio
- *Congenital Diaphragmatic Hernia: Perioperative Prognostic Factors and Short-Term Outcomes of a Monocentric Case Series*  
Camilla Pagliara, Sgrò Alberto, Zambaiti Elisa, Fascetti Leon Francesco, Gamba Piergiorgio
- *Combined Laparo-Endoscopic Approach: Safe Removal of a Safety Pin.*  
Silvia Bisoffi, Zambaiti Elisa, Antoniello Luca Maria, Sgrò Alberto, Fascetti Leon Francesco, Gamba Piergiorgio

## **SARNEPI**

### **Ferrara 12-14 September 2019**

- *Robot-Assisted Splenectomy in a 15-Year-Old Male with Chronic Autoimmune Thrombocytopenia.*  
S. Bisoffi, E. Zambaiti, C. Tognon, F. Fascetti Leon, L. Sainati, P. Gamba

## **2021**

## **ESPES**

### **Lugano, September 2021**

- *Pediatric Robotic Surgery. Plan for increasing complexity of procedures.*

Silvia Bisoffi, Francesco Fascetti Leon, Marco Castagnetti, Stefania Michelon, Costanza Tognon, Piergiorgio Gamba

## **EUPSA**

### **Athens, September 2021**

- *Report on Increased Incidence of Extrahepatic Biliary Anomalies in Esophageal Atresia Patients in a Single Center.*  
Elisa Zambaiti, Camilla Pagliara, Sonia Maita, Francesco Fascetti Leon, Piergiorgio Gamba
- *Congenital Esophageal Stenosis (CES) in Infants: Indications for Primary Surgery.* Miriam Duci, Rebecca Pulvirenti, Federica Fati, Piergiorgio Gamba, Francesco Fascetti Leon
- *Anorectal Malformations: Two Thousand Patients and Ten Years of Data from the ARM-NET Consortium.*  
Paola Midrio, Barbara D Iacobelli, Anna Morandi, Cornelius EJ Sloots, Ivo de Blaauw, Eberhard Schmiedeke, Paul MA Broens, Francesco Fascetti Leon, Dalia Aminoff, Nicole Schwarzer, Michael Hannen, Iris ALM van Rooij, Ekkehart Jenetzky
- *Predictive Factors of Hirschsprung Associated Enterocolitis: Major Role of Histopathology Findings.*  
Miriam Duci, Luisa Santoro, Angelo Paolo Dei Tos, Piergiorgio Gamba, Francesco Fascetti Leon
- *Prenatal Ultrasound Findings Predictive for Emergent Abdominal Surgery in Newborns: A Systematic Review.*  
Marina Andreetta, Sonia Maita, Cesare Bolz, Roxanne Ploumen, Enrico La Pergola, Silvia Visentin, Piergiorgio Gamba, Francesco Fascetti Leon
- *Long-term Follow-up and Hirschsprung Disease. Bases for Structured Transition Program.*  
Sonia Maita, Rebecca Pulvirenti, Miriam Duci, Alessandra Masin, Guendalina Mognato, Francesca Galeazzi, Piergiorgio Gamba, Francesco Fascetti Leon
- *Is Stoma the Safest Choice in Complicated Meconium Ileus (CMI)? A Systematic Review.*  
Miriam Duci, Rebecca Pulvirenti, Sonia Maita, Piergiorgio Gamba, Francesco Fascetti Leon

## **2022**

## **EUPSA**

### **Tel Aviv, June 2022**

- *A New Endoscopic Follow-up Protocol in Children with Esophageal Atresia: A Bicentric Study.*  
Elena Sofia Marcandella, Alessandra Rancan, Marco Gasparella, Marina Andreetta, Francesco Fascetti Leon, Paola Midrio
- *Congenital Esophageal Stenosis (CES): A Systematic Review as a Baseline for European Collaboration*  
Rebecca Pulvirenti, Miriam Duci, Federica Fati, Rene MH Wijnen, Piergiorgio Gamba, Francesco Fascetti Leon, on behalf of The European Reference Network on Rare Inherited and Congenital Anomalies (ERNICA)
- *Biliary Atresia (BA) Associated with Choledochal Cyst (CC) or Cystic Biliary Atresia (CBA)? A Challenging Radiological, Intraoperative and Histological Diagnosis.*  
Marina Andreetta, Alberto Sgrò, Mara Cananzi, Monica Zuliani, Piergiorgio Gamba, Francesco Fascetti Leon
- *Video-assisted Thoracoscopic (VATS) Internal-External Pouch Traction for Long Gap Esophageal Atresia (EA): A Case Report.*  
Marina Andreetta, Francesco Fascetti Leon, Luca Maria Antonello, Piergiorgio Gamba
- *Hirschsprung's Associated Enterocolitis (HAEC): Putative Histopathological and Clinical Predictive Factors.*  
Miriam Duci, Luisa Santoro, Greta Loss, Piergiorgio Gamba, Francesco Fascetti Leon

## **ESPES**

### **Barcelona, September 2022**

- *Heller-Dor Procedure in the Treatment of Pediatric Achalasia: Long-term Outcome from a Tertiary Referral Center.*  
Rebecca Pulvirenti, Miriam Duci, Luca Provenzano, Renato Salvador, Francesco Fascetti Leon, Stefano Merigliano, Mario Costantini, Piergiorgio Gamba
- *Video-assisted Thoracoscopic (VATS) Staged Internal Pouches Traction for Very Long-gap Esophageal Atresia (EA): Single Center Experience.*  
Marina Andreetta, Francesco Fascetti Leon
- *Robotic Surgery and Gastroesophageal Junction in Children: Lessons Learned.* Silvia Bisoffi, Federica De Corti, Costanza Tognon, Stefania Michelin, Piergiorgio Gamba, Francesco Fascetti Leon

## SIVI

### Barcelona, September 2022

- *Utilization of Robot-assisted Thoracoscopic Technique. Our Center's Initial Experience.*  
Marchetto, Bisoffi, Sgrò, De Corti, Gamba, Fascetti Leon

## SICP

### Ancona, October 20-22, 2022

- *Excision of Neoplasms with the Aid of Robotic Surgery, Rationale and Experience of Padua.*  
C. Marchetto, S. Bisoffi, F. De Corti, P. Gamba, L.F. Fascetti
- *Bicentric Experience of Post-liver Transplant Diaphragmatic Hernia: A Real Complication.*  
G. Mottadelli, F. Fascetti Leon, F. Pasqualetto, S. Perin, M. Colledan, M. Cheli, P. Gamba

## 2023

### EUPSA

#### Izmir, 7-10, June 2023

- *A Deep Learning Based Approach from Histological Sections of Post Pull-through Specimens in Hirschsprung's Disease (HD): Preliminary Results.*  
Miriam Duci, Andrea Pretto, Alessia Magoni, Piergiorgio Gamba, Luisa Santoro, Francesca Ucheddu, Francesco Fascetti Leon
- *The European Anorectal Malformation Network (ARM-NET) Patient Registry: Clinical and Surgical Characteristics of 2598 Patients.*  
IC Hageman, P Midrio, E Jenetzky, B Iacobelli, A Morandi, CEJ Sloots, E Schmiedeke, PMA Broens, F Fascetti Leon, M Trajanovska, SK King, D Aminoff, N Schwarzer, M Haanen, I de Blaauw, IALM van Rooij, ARM-Net Consortium
- *Near-Infrared Spectroscopy (NIRS) as a Predictive Tool for Necrotizing Enterocolitis (NEC) Development and Progression in Preterm Neonates: A Pilot Study.*  
Miriam Duci, Laura Moschino, Silvia Guiducci, Marta Meneghelli, Carmen Campilongo, Daniel Nardo, Piergiorgio Gamba, Giovanna Verlatto, Francesco Fascetti Leon

## IPEG/ESPES

### Sorrento, 5-8 July 2023

- *Lipiodol-Marking Technique for Thoracoscopic Intraoperative Lung Nodules Localization.*  
Marianna Gortan, Calogero Virgone, Michele Battistel, Francesco Fascetti Leon, Piergiorgio Gamba, Federica De Corti
- *Robotic-Assisted Heller Myotomy in Children: An Ally to Reduce Intraoperative Complications?*  
Rebecca Pulvirenti, Miriam Duci, Costanza Tognon, Stefania Michelin, Piergiorgio Gamba, Francesco Fascetti Leon
- *Minimally Invasive Surgery (MIS) Versus Open Surgery (OS) in Newborns with Esophageal Atresia (EA): Short- and Long-term Outcomes Single Center Comparative Study.*  
Elena Sofia Marcandella, Marina Andreetta, Piergiorgio Gamba, Francesco Fascetti Leon

- *Accuracy and Concordance of Contrast Enhanced CT Scan in the Diagnosis of Congenital Lung Malformation (CLM).*  
Federica Fati, Andrea Volpe, Paola Veronese, Francesco Fascetti Leon, Piergiorgio Gamba
- *Video - Robotic Repair of Congenital Diaphragmatic Hernia (CDH) Recurrence in a Ten-year-old Female: A Case Report.*  
Maria Rita Caputo, Federica De Corti, Alberto Sgrò, Stefania Michelon, Piergiorgio Gamba, Francesco Fascetti Leon
- *Video - Case Report: Pediatric Mediastinal Mullerian cyst (MMc), Robot-Assisted removal in a 10 years old female.*  
Alessia Bertolino, Andrea Volpe, Federica De Corti, Nicola Zadra, Piergiorgio Gamba, Francesco Fascetti Leon
- *Robotic Excision of Abdominal, Pelvic, and Thoracic Cystic Lesions, Rationale and Experience of Our Institution.*  
Chiara Marchetto, Silvia Bisoffi, Federica De Corti, Stefania Michelon, Costanza Tognon, Nicola Zadra, Piergiorgio Gamba, Francesco Fascetti Leon
- *Minimal Invasive Surgery for benign teratomas in children: a single center experience*  
Carmen Campilongo, Miriam Duci, Luisa Santoro, Federica De Corti ,
- *Mini-invasive surgery for intestinal duplications in children: 10 years' experience of single center.*  
Marta Bisol. Miriam Duci, Piergiorgio Gamba, Francesco Fascetti-Leon

## **SICP**

### **Naples**

**21 -23 September, 2023**

- *Speaker at the Round Table on Aganglionic Megacolon (HSCR), Title: Guidelines for the Diagnosis of HSCR*
- *ERNICA Evidence-based Guideline for the Management of Gastroschisis.*  
Alberto Sgrò, Francesco Fascetti Leon, Carmen Mesas Burgos, Willemijn Irvine, Alexandre Vivanti, Peter Conner, Egle Machtejeviene, Nina Peters, Joan Sabria, Ana Sanchez Torres, Costanza Tognon, Antti Kouvisalo, Hester Langeveld-Benders, Rony Sfeir, Marc Miserez, Nils Qvist, Ausra Lokosiute-Urboniene, Katrin Zahn, Julia Brendel, Jordi Prat, Simon Eaton, Alexandra Benachi
- *Mesothelial Inclusion Cysts: Incidentaloma or Misdiagnosis?*  
Arianna Bossi, Federico Leoni, Miriam Duci, Andrea Volpe, Luisa Santoro, Piergiorgio Gamba, Francesco Fascetti Leon, Enrico La Pergola
- *Minimally Invasive Surgical Approach for Intralobar and Extralobar Pulmonary Malformations: Outcome Analysis in a Tertiary Center.*  
Federica Fati, Andrea Volpe, Francesco Fascetti Leon, Piergiorgio Gamba
- *The Use of Endoluminal VAC-Therapy for Gastrointestinal Tract Perforations: A Valuable Aid in Pediatric Age?*  
Marta Miglietta, Francesco Fascetti Leon, Federica De Corti, Alberto Sgrò, Luca Maria Antoniello

## **SARNEPI**

**Ancona, 5-7 October, 2023**

- Lecture: Robotic Surgery: The Needs of the Surgeon. F. Fascetti Leon

## **36th International Symposium on Pediatric Surgical Research (ISPSR)**

**Milano, 5-7 October, 2023**

- *Enhancing Diagnosis Of Hirschsprung's Disease Using Deep Learning From Histological Sections Of Post Pull-Through Specimens: Preliminary Results.*  
Duci M, Magoni A, Santoro L, Dei-Tos AP, Gamba P, Uccheddu F, Fascetti-Leon F

**3rd National SINGEM  
Padua June, 2023**

- *Lecture at Symposium: Rare Diseases & G-I Motility: Role of ERNs and ERNICA in G-I Motility Diseases.*  
Francesco Fascetti Leon

**Triveneto Group of Chronic Intestinal Failure,  
Padua, 26 June, 2023**

*Lecture: Pediatric Extensive Intestinal Surgery: Causes and Management.* Francesco Fascetti Leon

**14th Annual European Pediatric Colorectal and Pelvic Reconstruction Meeting  
Milan, 25-27 October 2023**

- Round Table: Recurrent Enterocolitis

**2024**

**4th SIVI Winter Course on Robot-assisted Pediatric Surgery,  
Trento, 22-23 March, 2024**

- *Lecture: Evolution of the Pediatric Robotic Surgery Program in Padua.*  
Francesco Fascetti Leon

**Artificial Intelligence in Healthcare: Shaping the Future of Sciences  
Padua, 21-22 March 2024**

- *A Roadmap of Artificial Intelligence in Pediatric Surgery: A Comprehensive Review of AI Applications, Challenges, and Ethical Considerations.*  
A. Bossi, M. Duci, L. Santoro, B.M. Del Forno, A.P. Dei Tos, F. Uccheddu, F. Fascetti Leon