

Short bio

Jorge Correia-Pinto, MD, PhD (45 years-old, married, father of two children; Chief of Pediatric Surgery in Hospital of Braga, and Full Professor of Pediatric Surgery & Human Physiology at School of Health Sciences, University of Minho) is the Coordinator of the *Surgical Sciences Research Domain* at the Life and Health Sciences Research Institute (ICVS) and Director of the Pediatric Surgical Department of Hospital de Braga.



In basic sciences, he supports a group dedicated to the study of the mechanisms regulating fetal lung growth (ie, congenital diaphragmatic hernia) aiming to find an alternative way to treat CDH fetuses. During the last 10 years, he constitutes a research team with MDs and biologists that progressively acquired expertise in several techniques to modulate and assess gene expression, which are used in vivo and ex vivo experimental models of pulmonary hypoplasia and hypertension to evaluate the role of specific pathways with potential therapeutic applicability.

From the clinical point of view, he pioneered minimally invasive surgery for neonates in Portugal. Given his interest in minimally invasive techniques, he encouraged a group to develop efforts to launch an operative lab for animals for research, training and teaching of endoscopic techniques. Currently, he is the mentor and coordinator of the Endoscopic Research & Teaching Lab in Minho University, which offers an international program of hands-on courses in minimally invasive surgery for many surgical specialties/topics (Biliary Surgery, Digestive Surgery, ENT, Fetal & Neonatal Surgery, Therapeutic Endoscopy, Gynecology, Orthopedics, Urology) training over 500 surgeons in around 20 hands-on courses per year.

Jorge Correia-Pinto has published in PubMed over one hundred peer-reviewed research articles (mean IF: 4.5 | h-index: 20). He has supervised 12 PhD thesis (completed) and 3 Post-Docs; currently supervises another 4 PhD students. He serves as an *Ad hoc* reviewer for various pediatric, physiology and surgical journals.