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Career Summary

I am a Spanish trained Neonatologist that had a Consultant position in Barcelona for 13 years. After a research stage at the Royal Women's Hospital (RWH)-Newborn Research Centre in 2009, I moved to Melbourne in 2010 to join the RWH as a clinician and researcher. I combine research with clinical practice and education. My overall aim is to develop strategies to reduce the significant burden of lung injury in newborn infants by optimising interventions in the delivery room.

I have completed a PhD that focussed on equipment used in neonatal resuscitation. In the last 5 years I have 27 publications (2 reviews, 21 original articles and 5 book chapters). Twenty-one of them are directly related to neonatal resuscitation and stabilisation (I am first or senior author in 10 of them). I have been an invited speaker in 6 national and in 8 international conferences, where I have chaired 10 sessions and have had 5 peer reviewed PhD related presentations. I have regular requests for peer review in international journals and I have been a project grant assessor for the NHMRC 2011-2013.

I have a leadership position in the field of Neonatal Resuscitation. I was a founding member of the Spanish Neonatal Resuscitation Group in 2000. As such I edited and co-authored the 3 editions of the Spanish Neonatal Resuscitation Guidelines and I was appointed Research Assessor of the Group in 2011. In recognition of this contribution I was invited to revise the Victorian (www.neoresus.org.au), and the Australian and New Zealand Newborn Resuscitation Guidelines prior to their release in 2010. Since then, I have contributed to updating the neoResus learning resources and I lead the team that delivers the program in Victoria. Overall more than 2000 health providers have attended and benefitted from these programs in Australia. In, 2015 I joined the ILCOR-Neonatal resuscitation committee.

Qualifications

- 2015: PhD in Newborn Medicine, The University of Barcelona.
- 2013: Certified in Perinatology and Neonatology, becoming a Fellow of the Royal College of Physicians (FRACP) in Australia.
- 1995: Master in Neonatology. Department of Paediatrics, Medical School of University of Barcelona, Spain.
- 1994: Paediatrics Degree (Specialist in Paediatrics and its specific areas). University of Barcelona, Spain.
- 1988 Bachelor's Degree in Medicine and Surgery. The Autonomous University of Barcelona (UAB), Spain.

Specialist Practice

- June 2010-current: Honorary Clinical Lecturer at The University of Melbourne, Faculty of Medicine, Australia
- March 2010-current: Consultant Neonatologist at The Royal Women's Hospital (RWH), Melbourne, Australia.
- March 2010-current: Consultant Neonatologist- Medical Educator at PIPER- Neonatal Transport Victoria, The Royal Children's Hospital, Melbourne, Australia.
- January 1997-January 2010: Consultant Neonatologist in Hospital Sant Joan de Déu Barcelona, Spain

Other Professional activities:

- 2015-current: ILCOR-Neonatal Resuscitation committee member.
- 2010-current: Member of Departmental Research Advisory Group (DRAG) at The Royal Women's Hospital. Melbourne Australia.
- 2010-current: Honorary Clinical Lecturer at the University of Melbourne (site The Royal Women's Hospital), Australia.
- 2000-current: Member of the Spanish Neonatal Resuscitation Group of the Spanish Society of Neonatology. Founding member, Secretary since October 2007, Research Assessor since December 2011.
- 2008-2014: Member of European Society of Neonatology (ESPR Council Section): Officer for Education (Educational board and Accreditation program) and coordinator of ESN pre-congress courses in ESPR congresses every year from until 2014, end of my role.
- 2002-2010: Coordinator of Vermont Oxford Network (VON) in Hospital Sant Joan de Déu, Barcelona, Spain.

NHMRC and other Research funding:

- Granted for 2016-2019 (NHMRC ID 1111134): Early Career Fellowship: Improving respiratory transition and outcomes of newborn infants. Budget: \$262,250.80. Role: CIA.
- Granted for 2016-2018 (NHMRC ID 1107953): Improving the neonatal transition in infants with a congenital diaphragmatic hernia. Budget: . Role: CIE.
- 2014-2018 (NHMRC ID 1060733): CRE in Newborn Medicine. Budget: \$2,499,349. Role: AIE.
- 2014-2017 (NIH USA ID R01 HD072848-01A1): Facilitating the physiological transition at birth in term and preterm neonates. Budget: \$1,985,685. Role: Key/Senior researcher.
- 2012-2014 (NHMRC APP1022112): Docosahexaenoic acid for the reduction of bronchopulmonary dysplasia in preterm infants born at less than 29 weeks gestational age: a Randomised Control Trial. Budget \$1,870,914. Role: CID. Recruitment finished in October 2015.
- 2009-2010 (ISCIII Spain ID TRA09/177): Resuscitation of VLBW infants using an integral monitoring system: influence of FiO₂ "REOX" (Co-Investigator) \$92,300.