

Evidence and Excellence in Perinatal Care

11-13 September 2019, Newcastle

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Marcus is a Developmental Physiologist and Senior Research Investigator at The Children's Hospital of Philadelphia (CHOP). His research focuses on prenatal therapies for lung development disorders including bronchopulmonary dysplasia, congenital diaphragmatic hernia and pulmonary hypertension.



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Why is this a hot topic for neonatal professionals?

“Despite significant advances in perinatal medicine, prematurity of birth remains a global health issue and leading cause of neonatal mortality and morbidity. A paradigm shift in care of infants born at the cusp of viability is needed to truly impact outcomes. This presentation focuses on the development of a womb-like environment, which provides physiologic support of the extreme preterm to ensure normal organ development and maturation while avoiding the negative consequences of invasive respiratory support. .”



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What do you see as being the greatest challenge for neonatal professionals over the next ten years? (And how can we best prepare for this?)

“Incorporating new technologies to the bedside is challenging as clinicians can be resistant to change. Change must continually occurs in medicine and acceptance of new therapies hinges upon professional caregivers becoming actively involved with incorporating change.”



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How do you make the most of your time when attending conferences?

“Attending presentations relevant to my field of interest and networking.”



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