



Ask Me Anything!



Jeff Barrett, PhD, FCP
Chief Science Officer
Aridhia

Joe Standing,
Professor of Pharmacometrics
Great Ormond Street Institute of Child Health,
University College London

Presentation Summary:

Dr. Jeff Barrett interviews Professor Joseph Standing of UCL Institute of Child Health and Great Ormond Street Hospital (GOSH) about Implementing Precision Dosing for Pediatric Patients in a Hospital-based Setting.

Professor Joe Standing:

Prof Joe Standing is Professor of Pharmacometrics at the Great Ormond Street Institute of Child Health, University College London, and Honorary Research Pharmacist at Great Ormond Street Hospital for Children. The Pharmacometrics research group undertakes modelling of clinical and pre-clinical pharmacology studies with the aim of optimizing therapeutics in children. Joe began his clinical pharmacy career in Manchester before joining Great Ormond Street Hospital as a resident pharmacist. After undertaking a PhD in Clinical Pharmacology and postdoc in the pharmacometrics group in Uppsala he undertook Medical Research Council fellowships to gain further expertise in statistical modelling and develop a pharmacometrics research program primarily focused on immunology and infectious diseases. Joe was an early-adopter of utilization of electronic health records in pediatric clinical pharmacology research.

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Dr. Jeff Barrett

Dr. Jeff Barrett is the Chief Science Officer at Aridhia promoting life science partners to collaborate, access and share secure data to deliver better patient outcomes. Before Aridhia, he was Senior Vice-President at the Critical Path Institute serving as the Executive Director of the Rare Disease Cures Accelerator, Data Analytics Platform and a critical liaison between C-Path and the pharmaceutical industry, foundations, and other key stakeholders, helping grow C-Path's portfolio in drug development solutions, with a focus, but not limited to model-informed drug development (MIDD) and real-world data (RWD) technologies. Jeff was previously Head of Quantitative Sciences at the Bill & Melinda Gates Medical Research Institute. In this role he was responsible for implementing model-based drug development, employing PK/PD modeling, statistics, and clinical trial simulations to advance the discovery and development of new medicines and vaccines. Prior to MRI, he was Vice President, of Translational Informatics at Sanofi Pharmaceuticals. Jeff spent 10+ years at the University of Pennsylvania where he was Professor, Pediatrics and Director, Laboratory for Applied PK/PD at the Children's Hospital of Philadelphia. Jeff received his B.S. in Chemical Engineering from Drexel University and Ph.D. in Pharmacokinetics from University of Michigan. He has co-authored over 200 manuscripts, is fellow of ACCP, AAPS, ISOP and the recipient of numerous honors including ACCP awards for Young Investigator (2002) and Mentorship in Clinical Pharmacology (2007) and the AAPS Award in Clinical Pharmacology and Translational Research (2011). Dr. Barrett was awarded for Exceptional Innovation and Advancing the Discipline of Pharmacometrics at the International Society for Pharmacometrics (2013). He is co-Specialty Chief Editor of Frontiers in Obstetric and Pediatric Pharmacology Journal and an active member of the Child Health and Human Development Pediatrics Subcommittee as a study section reviewer. He was a past acting chair of the FDA Advisory Committee for Pharmaceutical Science and Clinical Pharmacology; a voting member of the committee for 8 years.

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