

## Extension Seminar in Paediatrics - The first 1000 days of life

### Preliminary program

Self-paced learning package: available from Friday 14 February 2025

Topic and presenter	Learning objectives
<b>Pharmaceutics in paediatrics and neonates</b>  <b>Dr Kate O'Hara</b> , Vice-President, AdPha; Deputy Service Manager - Clinical, John Hunter Hospital, Newcastle, NSW	<ul style="list-style-type: none"> <li>Assess suitability of medication for prem neonate</li> <li>Consider neonate-specific issues when compounding</li> </ul>
<b>Premature babies: outcomes and challenges</b>  <b>Dr Srinivas Bolisetty</b> , Medical Co-Director – Newborn Care, Royal Hospital for Women, Sydney, NSW	<ul style="list-style-type: none"> <li>Understand the most likely complications for babies affected by premature birth, and long-term impact of these complications</li> <li>Describe developmental issues which are common in children born prematurely</li> </ul>
<b>Newborn testing and recent changes, principles for newborn testing</b>  <b>Dr Kathryn Leadbeater</b> , Advanced trainee, Paediatrics, John Hunter Hospital, Newcastle, NSW	<ul style="list-style-type: none"> <li>Describe the process for newborn screening,</li> <li>Understand the rationale for early intervention for rare diseases</li> <li>Discuss conditions which are screened in Australia</li> </ul>
<b>Metabolic conditions – case presentation</b>  <b>Dr Kaustuv Bhattacharya</b> , Metabolic Paediatrician, Genetic Metabolic Disorders Service; Conjoint Senior Lecturer, University of Sydney, NSW	<ul style="list-style-type: none"> <li>Definition of inborn errors of metabolism</li> <li>Overall scheme of acute metabolic conditions</li> <li>Case presentation of an acute metabolic condition</li> <li>Pharmacological and clinical management of acute conditions</li> <li>Broader view of alternative therapies including enzyme replacement, gene therapy and organ transplantation</li> </ul>

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Live virtual seminar: Saturday 22 March 2025

*All times are listed in AEDT*

Time (AEDT)	Session
0840-0900	Online login and registration available
0900-0910	Welcome and introductions
0910-0930	Review of online learning content and Q&A Led by Michelle Jenkins
0930-1000	Growth and development over the first 1,000 days Dr Kathryn Leadbeater
1000-1045	Presentation 2: NICU baby with complex problems Presented by: Dr Amber Seigel
1045-1100	Break
1100-1215	Case session 1: NICU baby - Part 1 and Part 2 Case study lead: Rebecca O'Grady Tutors: Michelle Jenkins
1215-1245	Presentation 2: RSV comparison of states with vs without nirsveimab in 2024 Presented by: Dr Coen Butters
1245- 1315	Break
1315-1415	Endocrinology in the first 1,000 days of life Presented by: A/Prof Patricia Crock
1415-1430	Break
1430-1500	Case session 2: Perinatal infections Case study lead: Caitlin Hsieh Tutors:
1500-1515	Final Q&A, seminar summary and close Led by Michelle Jenkins
1515	Seminar close