



Sydney Child Health Program

Curriculum

2019

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Sydney Child Health Program Overview

A graduate-entry, comprehensive non-award program of study for doctors, nurses and allied health professionals that aims to enhance knowledge, skills and confidence in treating children and adolescents. This is an online continuing professional development program. It offers an excellent overview of evidence based current best practice in paediatrics as a part-time program of study there is a suggested study time of 3 to 4 hours per weeks, over 38 weeks.

SCHP Learning outcomes

The program content is divided into nine modules which reflect a journey of learning in paediatric education covering all sub-specialty areas from neonate to adolescents. Upon completion of the program, participants can expect to:

- determine how health inequities impact on the care for children and advocate for vulnerable paediatric patients.
- implement knowledge of up-to-date evidence-based best practice in the assessment and management of common paediatric problems.
- identify and apply management plans of common paediatric problems
- communicate diagnosis and management of patients and their needs to parents/carers/healthcare professionals.
- apply patient safety guidelines in their practice or hospital setting.

The table below shows the nine modules and the recommended time it takes to complete watching the webcasts.

	Suggested Duration	Webcasts	Module Title
Module 1	3 weeks	9	Neonates and Early years
Module 2	5 weeks	14	Behaviour and Development
Module 3	4 weeks	13	Systems: Cardiology, Ears Nose and Throat, and Respiratory
Module 4	3 weeks	10	Systems: Gastroenterology and Infectious Diseases
Module 5	5 weeks	16	Systems: Dermatology, Nephrology, Oncology, Palliative Care, Rheumatology, Allergy and Immunology.
Module 6	3 weeks	8	Systems: Endocrine and Genetics & Metabolism
Module 7	3 weeks	9	Systems: Neurology and Rehabilitation
Module 8	7 weeks	22	Emergency Medicine
Module 9	4 weeks	12	Adolescent Medicine
Total	37 Weeks	113	



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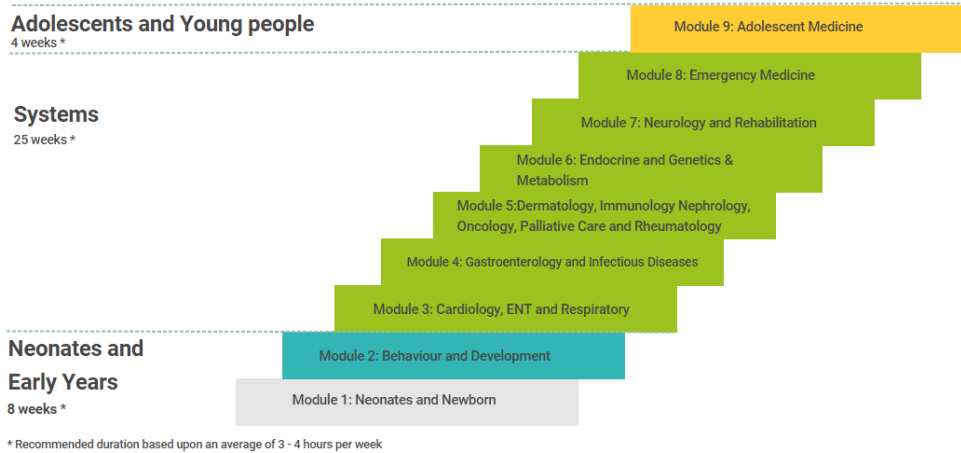
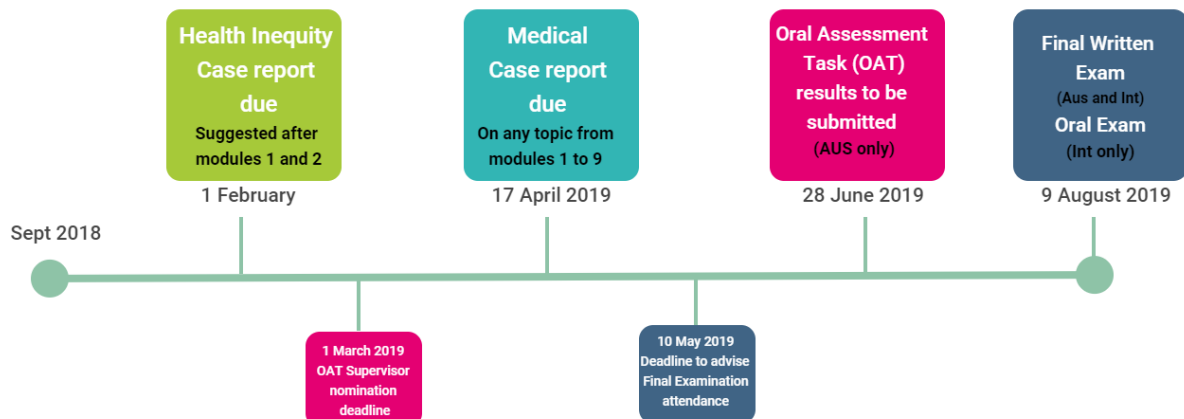


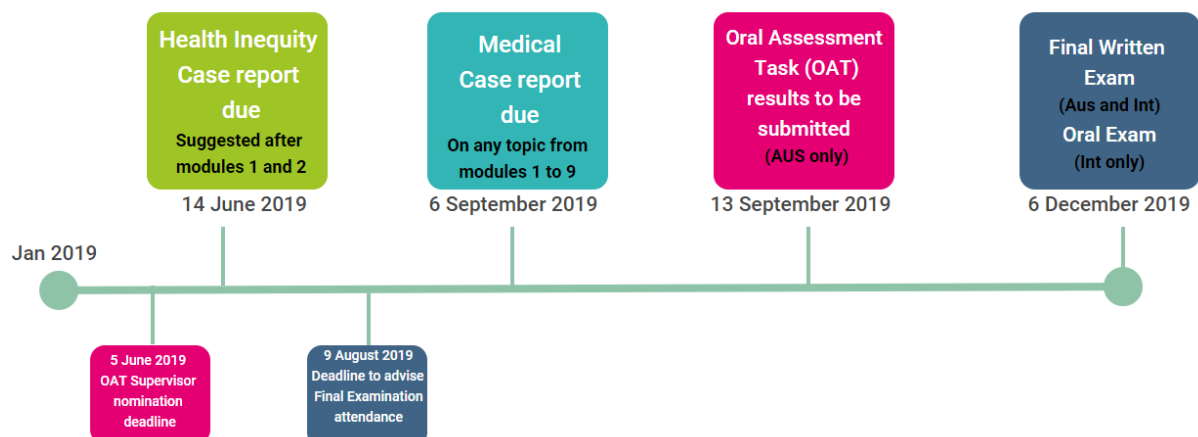
Figure 1: The figure represents the suggested learning pathway over a 37-week period.

SCHP Assessment timeline

August 2019 Exam stream



December 2019 exam stream





Assessments

Australian and New Zealand Participants

Australian and New Zealand participants enrolled in the Sydney Child Health Program (SCHP) are required to complete the following assessment tasks:

Assessment task	Weighting	Key aspects
Case Report 1 – Health Inequity	10%	1000-word case report using online template. After modules 1 and 2 completed.
Case Report 2 – Medical	10%	1000-word case report using online template. From any module 1 –9.
Oral Assessment Task	n/a	Standardised structured viva with your documented reflections (300 words) conducted during the program year (Must achieve 'SATISFACTORY'). This can be done after nominating an OAT supervisor.
Written Final examination	80%	Multiple choice examination (Must achieve 'PASS') <u>Mandatory Requirement</u> To be eligible to sit final exam participants must submit both case reports and Satisfactory OAT completion.
TOTAL	100%	



International (includes Hong Kong) SCHP Participants

(i.e. outside Australia and New Zealand) are required to complete the following assessment tasks:

Assessment task	Weighting	Key aspects
Case Report 1 – Health Inequity	5%	1000-word case report using online template. After modules 1 and 2 completed
Case Report 2 – Medical	5%	1000-word case report using online template. From any module 1 –9.
Oral Final examination	20%	Standardised structured viva Must achieve 'PASS' (≥50%) <u>Mandatory Requirement</u> To be eligible to sit Oral Final exam participants must submit both case reports.
Written Final examination	70%	Multiple choice examination Must achieve 'PASS'(≥50%) <u>Mandatory Requirement</u> To be eligible to sit written final exam participants must submit both case reports.
TOTAL	100%	



Clinical Paediatric Experience

To receive a 'Certificate of Completion', in addition to successfully passing the program assessments and final exam, you must provide evidence of 6 months (12 months for Hong Kong participants) clinical paediatric experience. Participants may acquire paediatric experience at any time before, during or after undertaking the program and assessments.

Calculations

Equivalent paediatric experience is calculated as:

- 100% of time spent in a hospital or community paediatric environment
- 25% of time spent in General Practice or Emergency Departments in which paediatric patients are seen
- 25% of time spent in Obstetrics terms

Extracurricular Activities

During the duration of SCHP enrolment, there may be opportunities to attend additional educational experiences or services to some participants which are held in Sydney. These have included:

- Seven Webinars annually.
- SCHP Journal Case Studies released monthly.
- Community Child Health visits for Sydney Participants (Participants from all other locations are strongly encouraged to seek out services and attend at least once where possible).
- Practical Paediatrics for GPs held annually at The Children's Hospital at Westmead, Sydney.
- Three-day Clinical Workshop is held just prior to the December Final Examination held at The Children's Hospital at Westmead, Sydney. *additional fee required
- Study Groups

Additional learning resources for participants are available online following enrolment. These include links to lists of free e-journals, Kids Health Fact Sheets to enhance your communication with Parents and Carers, online National Prescribing Curriculum – paediatric modules, and additional (non-examinable) Webcasts.



Module 1 - Neonates and Early Years

Number of Webcasts: 9

Suggested Duration: 3 Weeks

Module 1 Overall Learning outcomes

Participants will be able to:

- detect, evaluate, and assess common newborn conditions.
- manage common newborn and infant disorders.
- implement current best practice to improve newborn health and long-term outcomes.

Module Outline

The Neonates and Early Years module will introduce participants to routine newborn care, common medical presentations, newborn and early infancy feeding issues and their routine management, the Australian immunization schedule, the social determinants of early health and highlight the latest research relegated to sudden infant death syndrome.

Module 1 webcasts	Presenter	Webcast Viewed ✓
Examination of the Newborn	Dr Mary Iskander	
Graduates of Neonatal Intensive Care	Dr Amit Trivedi	
Neonatal Jaundice	Dr Amit Trivedi	
Health Issues in Disadvantaged Children	Dr Susan Woolfenden	
Immunisation	A/Prof Nick Wood	
Apnoea in Infants & Sudden Infant Death Syndrome	Dr Dimple Goel	
Lactation and its challenges	Ms Gabrielle Kerlake & Ms Helen Mercieca	
Infant Nutrition and Toddler Feeding	Ms Ciara Paramore	
Issues in Infancy: Crying, Sleeping and Family	A/Prof Michael Fasher	



Module 2 - Behaviour and Development

Number of Webcasts: 14

Suggested Duration: 5 Weeks

Module 2 Overall Learning outcomes

Participants will be able to:

- recognise, assess and manage children with common developmental and behavioural issues.
- develop skills and strategies in child engagement and communication.
- advocate for children and families, including at risk populations.

Module Outline

The Behaviour and Development module will provide participants with the knowledge and skills to confidently assess normal childhood development, alongside the recognition and evaluation of the at-risk child and vulnerable populations.

The module will highlight understanding and approaches to management of common behavioural, developmental and child protection issues. Additionally, webcasts will illustrate health problems of Australian indigenous population, children with disabilities and how to better engage with young children

Module 2 webcasts	Presenter	Webcast Viewed ✓
Developmental Growth & Assessment	Dr Bee Hong Lo	
Autism Spectrum Disorder	Dr Gillian Brooks	
Behavioural Problems in School Age Children/Infants/Toddlers	Ms Louise Butler	
Speech and Communication Problems in Children	Ms Kate Osland	
Health Issues in Indigenous Children	Dr Stephanie Sherrard	
Developmental Disabilities	Dr Vanessa Sarkozy	
Child Development and the GP	Dr Natalie Ong	
Failure to Thrive	Dr Patrick Moore	
Role of Culture in Child Health and Development	Dr Bee Hong Lo	
Engaging Children	Mr David Symons and Dr Mary Iskander	
Behaviour and Attention	Dr Beverley Bennett	
Overview of Child Protection	Ms Robyn Lamb	
Child Physical Abuse	Dr Anna Stachursha	
Child Sexual Abuse	Dr Susan Marks	



Module 3 – Systems: Cardiology, Ears Nose and Throat, and Respiratory

Number of Webcasts: 13

Suggested Duration: 4 Weeks

Module 3 Overall Learning outcomes

Participants will be able to:

- recognise common acute presentations.
- implement age-appropriate management, both short and long-term.
- promote health awareness of common disorders.

Module Outline

The Cardiology, ENT and Respiratory module will cover acute presentations, their assessment and provide a structured approach to management. Health promotion strategies dealing with these issues will be highlighted.

The module provides insights into the conditions most commonly encountered in paediatric clinical practice, alongside current research, guidelines and health policy.

Module 3 webcasts	Presenters	Webcast Viewed ✓
Cardiac Disease of the Newborn	Dr Christian Turner	
Paediatric Cardiology	A/Prof Gary Sholler	
Ear Nose and Throat 1 – Paediatric Upper Airway	A/Prof Catherine Birman	
Ear Nose and Throat 2 – Outer and Middle Ear Conditions	A/Prof Catherine Birman	
Hearing Loss and Deafness in Children	Dr Elizabeth Peadon	
Pneumonia	Dr Louisa Owens	
Acute Asthma – Parts 1 & 2	Dr Chetan Pandit and Ms Tracey Marshall	
Cases of Asthma or not Asthma	Dr Paul Robinson	
Paediatric Asthma Management	Ms Tracey Marshall	
Chronic Asthma	Dr Paul Robinson	
Acute Upper Airway Obstruction	Dr Chetan Pandit	
Bronchiolitis	Dr Jason Hort	
Chronic Suppurative Lung Disease in Children	Dr Chetan Pandit	



Module 4 - Systems: Gastroenterology and Infectious Diseases

Number of Webcasts: 10

Suggested Duration: 3 Weeks

Module 4 Overall Learning outcomes

Participants will be able to:

- detect, evaluate and assess common presentations.
- devise management strategies aligning with best evidence.
- promote health awareness for families and general population.

Module Outline

The Gastroenterology and Infectious Diseases module will cover acute presentations, their assessment and provide a structured approach to management. Health promotion strategies dealing with these issues will be highlighted.

The module showcases both common and more challenging clinical cases across the breadth of gastroenterology and infectious diseases presentations with local experts sharing personal experience, up-to-date research and guidelines to help inform short and long-term management.

Module 4 webcasts	Presenters	Webcast Viewed ✓
Chronic Diarrhoea	Dr Shoma Dutt	
Gastroenteritis	Dr Patrick Moore	
Gastroesophageal Reflux	Dr Usha Krishnan	
Liver Disease in Children	Dr Michael Stormon	
Recurrent Abdominal Pain in Children	Dr Ted O'Loughlin	
Inflammatory Bowel Disease	Dr Ted O'Loughlin	
Antibiotics and Resistance	Prof Philip Britton	
Exanthems	Prof David Isaacs	
Meningitis	Prof David Isaacs	
Tuberculosis in Children	Prof Ben Marais	



Module 5 - Systems: Dermatology, Nephrology, Oncology, Palliative Care, Rheumatology, Allergy and Immunology

Number of Webcasts: 16

Suggested Duration: 5 Weeks

Module 5: Overall Learning outcomes

Participants will be able to:

- recognise and investigate common disorders and presentations.
- formulate appropriate differential diagnoses and suitable management plans.
- Minimise patient harms by implementing best practice guidelines.

Module Outline

The Dermatology, Nephrology, Oncology, Palliative Care, Rheumatology, Allergy and Immunology module will cover acute presentations, their assessment and provide a structured approach to management. Health promotion strategies dealing with these issues will be highlighted.

The module presents basic sciences and common and more challenging clinical cases across a range of paediatric sub-speciality areas with local expert clinicians sharing personal experience, up-to-date research and guidelines informing short and long-term management.

Module 5 webcasts	Presenter	Webcast Viewed ✓
Atopic Dermatitis	Dr Peter Hogan	
Birthmarks	Dr Andrew Ming	
Paediatric Skin Infections	Dr Li-Chuen Wong	
Rheumatic Diseases in Children	A/Prof Davinder Singh-Grewal	
Approach to Childhood Malignancy	Dr Bhavna Padhye	
Paediatric Pain Management	A/Prof John Collins	
Paediatric Palliative Care	Dr Martha Mherekumombe	
Urinary and Faecal Incontinence in Children	Dr Patrina Caldwell	
Haematuria and Proteinuria	Dr Deirdre Hahn	
Hypertension in Children	Dr Deirdre Hahn	
Urinary Tract Infection and Vesico Ureteric Reflux	Dr Deirdre Hahn	
Anaemia	Dr Julie Curtin	
Bruising and Bleeding in Children	Dr Sue Russell	
Neutrophil and Platelet Disorders	Dr Julie Curtin	
Allergy and Allergic Diseases	Dr Melanie Wong	
Allergy and Immunology	Dr Melanie Wong	



Module 6 - Systems: Endocrine and Genetics & Metabolism

Number of Webcasts: 8

Suggested Duration: 3 Weeks

Module 6: Overall Learning outcomes

Participants will be able to:

- differentiate complex disorders and presentations.
- interpret common investigations.
- develop short and long-term management strategies.

Module Outline

The Endocrine, Genetics and Metabolism module will cover acute presentations, their assessment and provide a structured approach to management. Health promotion strategies dealing with these issues will be highlighted.

Local experts share their knowledge, skills and experience highlighting relevant basic clinical science, common and unusual endocrine, genetic and metabolic presentations and offer evidence-based management strategies for these conditions.

Module 6 webcasts	Presenter	Webcast Viewed ✓
Demystifying Inborn Errors of Metabolism	Dr Kaustuv Bhattacharya	
Genetic Testing Techniques Old & New	A/Prof Meredith Wilson	
Normal Puberty and Disorders of Puberty	Dr Ann Maguire	
Nutritional Rickets in Children	Prof Craig Munns	
Growth Disorders in Children	Dr Yoon Hi Cho	
Paediatric Endocrine Emergencies	Dr Paul Benitez	
Diabetes Mellitus	Dr Myra Poon	
Disorders of Sex Development	Dr Shubha Srinivasan	



Module 7 - Systems: Neurology and Rehabilitation

Number of Webcasts: 9

Suggested Duration: 3 Weeks

Module 7: Overall Learning outcomes

Participants will be able to:

- recognise and assess common and complex presentations.
- formulate appropriate differential diagnoses and suitable management plans.
- provide long-term patient surveillance and family support.

Module Outline

The Neurology and Rehabilitation module will cover acute presentations, their assessment and provide a structured approach to management. Health promotion strategies dealing with these issues will be highlighted.

The module provides participants with insights into everyday neurological conditions, presented with personal reflections and context by local neurology experts. The paediatric rehabilitation content provides appreciation of best practice approach to children with cerebral palsy and brain injuries.

Module 7 webcasts	Presenter	Webcast Viewed ✓
Arthritis in Children	A/Prof Davinder Singh-Grewal	
Approach to the Child with Weakness	Dr Manoj Menezes	
Childhood Epilepsy	Dr John Lawson	
Headaches in Children	Dr Kavitha Kothur	
Neural Tube Disorders	Dr Antoinette Botman	
Seizure Mimickers in Children	Dr Deepak Gill	
Understanding Neurosurgery for General Practitioners	Dr Adam Fowler	
Brain Injuries	Dr Mary-Clare Waugh	
Cerebral Palsy	Dr Mary-Clare Waugh	



Module 8 – Emergency Medicine

Number of Webcasts: 22

Suggested Duration: 7 Weeks

Module 8: Overall Learning outcomes

Participants will be able to:

- systematically evaluate acute surgical and medical emergency presentations.
- resuscitate and escalate care for acutely unwell children.
- order emergency investigations and result interpretation.

Module Outline

The Emergency Medicine Module will inform participants of common, acute childhood emergency presentations, their assessment, radiological and other investigations and escalations in care.

This module covers a broad range of acute medical, surgical and trauma presentation in children, is presented by local experts from acute care and radiology and provides evidence-based best practice approaches to management.

Module 8 webcasts	Presenter	Webcast Viewed ✓
Paediatric Dentistry	A/Prof Richard Widmer	
Common Eye Disorders in Childhood	Prof Frank J Martin	
Approach to the Febrile Child	Dr Diana Steinberg	
Common Paediatric Emergencies	Dr Nicholas Cheng	
Paediatric Resuscitation	Dr Elena Cavazzoni	
Acute Abdomen	Dr Erik La Hei	
Burns	A/Prof John Harvey	
Common Surgical Problems 'North'	Dr Erik La Hei	
Common Surgical Problems 'South'	Dr Erik La Hei	
Intussusception and Bowel Obstruction	Dr Hugh Martin	
Paediatric Trauma	Dr Soundappan Soundappan	
Abdominal Imaging	Dr Kristina Prelog	
Chest Imaging	Dr Neil Caplin	
Medical Imaging of Paediatric Neurological Presentations	Dr Neil Caplin	
Paediatric Musculoskeletal Imaging	Dr Denise Warner	
Nuclear Medicine	Prof Robert Howman-Giles	
Bone and Joint Infections	Dr Paul Gibbons	
Childhood Fractures	Dr Paul Gibbons	
Postural Problems in Childhood	Dr Michael Bellemore	
The Limping Child	Dr Michael Bellemore	
Toxicology	Dr Richard McNulty	
Child Mortality and Injury Prevention	Ms Suzanne Wicks	



Module 9 - Adolescent Medicine

Number of Webcasts: 12

Suggested Duration: 4 Weeks

Module 9: Overall Learning outcomes

Participants will be able to:

- detect, evaluate, and assess common adolescent issues.
- formulate differential diagnoses and develop age-appropriate management strategies.
- advocate and promote health and wellbeing.

Module Outline

The Adolescent Medicine module will provide participants with an informed, structured approach to common adolescent issues, including mental health. Further, participants will be confident to promote and advocate for adolescent health.

The module covers a range of acute and chronic adolescent medical conditions, their presentation, assessment and highlights best practice approaches to these conditions, provided by local experts.

Module 9 Webcasts	Presenters	Webcast Viewed ✓
Difficulties Dealing with Parents	Dr Sally Byrne	
Adolescent sexuality and sexual Health: Beyond Biology	Prof Rachel Skinner	
Approach to Adolescents	Dr Melissa Kang	
Chronic Illness in Adolescents	Prof Susan Towns	
Eating Disorders	Prof Michael Kohn	
Acute Mental Health Assessment of Children	Dr Joey Le	
Anxiety Disorders in Children and Adolescents	Dr Angela Dixon	
Child Mental Health for Paediatricians & General Practitioners	Dr Cybele Dey	
Mood Disorders and Suicide	Dr Mukesh Y. Prabhuswamy	
Paediatric Sports Medicine	Dr Joyce Leong	
Paediatric and Adolescent Gynaecology	Dr Alexandra McRae	
Obesity	Prof Louise Baur	