



The workshop is funded by the Support Scheme for Rural Specialists



An Australian Government Initiative



Sydney Medical Simulation Centre

Support Scheme for Rural Specialists (SSRS) Round 7

PAEDIATRIC SIMULATION TRAINING

Formal project title:

“Building Capacity for Simulation Training to Address Learning Needs of Rural Specialists Managing Sick Children: Activity A”

EXPRESSIONS OF INTEREST NOW OPEN

Overview

The Support Scheme for Rural Specialists (SSRS) is an initiative of the Commonwealth Department of Health and Aging (CDOHA) aimed at improving access to Continuing Professional Development (CPD) for specialist medical practitioners living and working in regional, rural and remote Australia.

The “Paediatric Simulation Program” is included in round 7 of the SSRS program and will be run during 2007/8. The program aims to build on the achievements of the Round 6 program. Evaluation of this previous course identified unmet CPD needs of sub groups of rural specialist, including more intensive procedural skills training, management of more complex and challenging paediatric clinical problems and paediatric anaesthetic emergencies.

During Round 7 there will be a variation on the previous program to meet these identified needs and ultimately improve the quality of care of children presenting with serious acute conditions in the rural setting.

Target audience

The program’s focus is on specialists working in rural, regional and remote areas within Australia who are responsible for the care of acutely sick children. Four specialist groups will directly benefit from the training provided in this program: paediatricians, emergency medicine physicians, anaesthetists and intensive care specialists.

Program description Activity A

To address the learning needs of these subgroups of specialists' three course types will be offered using simulation training.

Stream 1: An Intensive two day up skilling course.

Participants will attend a course that will run over two sequential days held at the Sydney Medical Simulation Centre (SMSC). The first day will run as a procedural skills development day. The second day will be based on realistic simulated scenarios, allowing participants to rehearse the management of paediatric emergencies and discuss these amongst peers. Indicative clinical problems will include: coma, respiratory distress, shock and trauma. Advanced clinical management skills will be addressed including establishing patients on mechanical ventilation, inotropes and fluid therapy and advanced life support.

Target group

This stream targets specialists with limited overall or recent emergency paediatric clinical experience, or may be unfamiliar with the local health system (e.g. international trained specialists), and specialist who for other reasons have identified challenges with clinical management of acutely unwell children. This course will address the challenges faced by these specialists and present strategies for dealing with these including best practice guidelines and use of outreach services such as retrieval teams.

Stream 2: One day course focusing on complex and challenging clinical presentations to the emergency department.

Participants will attend a one day course held at SMSC that will focus on complex and challenging clinical presentations of relatively common paediatric conditions where children are less responsive to usual therapies. Best practice guidelines may not be reliable or able to be implemented. Case based learning using high fidelity paediatric simulators will be used predominately in this course. Non – technical skills (NTS) are relevant to this course and will be included as part of the case discussions, however will not be emphasised to the same degree as Round 6.

Target Group

This stream targets specialist working in larger, better resourced facilities, with access to others specialists and services. They may have larger or more recent experience than those in Stream 1 and hence do not perceive themselves to need intensive skills training.

Stream 3 One day paediatric anaesthesia course.

Participants will attend a one day paediatric anesthetic course held at SMSC that will focus on paediatric anesthesia emergencies and complex challenging problems using high fidelity paediatric simulators.

Target Group

This stream targets anesthesia providers.

Eligibility

1. Rural specialists (including Darwin and Townsville)
2. Non-specialist medical practitioners who have significant roles in other participating specialists' practices and who are recommended by a specialist colleague. (Places limited).
3. Metropolitan practitioners who provide substantial services to the rural sector may be eligible.

Guests

Multi professional team training is an important objective of this program so it is important for nursing staff to participate. Limited places will be allocated on each course for nurses who come as invited guests of the participating specialists. There is no fee. Nurses will be responsible for their travel expenses. Specialists wishing to invite nursing colleagues should phone Mary Ilias at the SMSC on (02) 9926 6759.

Time commitments

The one day and two day simulation courses will be held in Sydney between the hours of 0830 -1700. Sixty minutes should be allowed for transport between Kingsford Smith Airport and the SMSC during peak hour times.

Costs

SSRS project funding covers cost of registration and participation in simulation training and materials. Participants are required to fund travel and accommodation expenses.

Project team:

- Dr Leonie Watterson, Director SMSC, Anaesthetist Royal North Shore Hospital
- Ms Sue Wulf, Technical Operations Manager, SMSC
- Ms Mary Ilias, Administration Manager SMSC
- Amanda Elliott, Project Coordinator SMSC.
- Dr Marino Festa, Intensive Care Specialist, The Children's Hospital Westmead.
- Dr Tom Grattan Smith, Senior Staff Specialist, NSW Newborn and Paediatric Emergency Retrieval and Trauma Services (NETS).
- Dr Richard Lennon, Director of Paediatric Emergency, Royal North Shore Hospital.
- Dr Matthew O'Meara, Director Emergency Medicine, Sydney Children's Hospital.
- Dr. Fenton O'Leary, Emergency Physician, The Children's hospital Westmead.
- Dr. Mark Da Souza, Consultant Paediatrician, Shoal haven Hospital.
- Dr Sally Wharton, Consultant Anaesthetist, Children's Hospital Westmead.
- Dr. Maged Bishay, Paediatric Anaesthetist, Sydney Children's Hospital.

Paediatric Simulation Course Dates

Stream 1: Two day Intensive up skilling course	Stream 2: One day complex and challenging presentations course	Stream 3: One day paediatric anesthesia course.
3 rd – 4 th April 2008	14 th November 2007 *	2 nd May 2008
12 th – 13 th June 2008	26 th March 2008 **	26 th June 2008
<p>* Course immediately precedes Rural refresher Course Children's Hospital Westmead</p> <p>** Course immediately precedes the Rural Refresher Course Sydney Children's Hospital, Randwick</p>		

Application Process

Specialists interested in participating in the program will need to complete an application form and send it to the Sydney Medical Simulation Centre (see contact details below). Application forms along with other relative documents can be downloaded from the SMSC internet site, or by contacting the centre.

A full program description can also be obtained from the internet or by contacting the centre.

Sydney Medical Simulation Centre Contact Details

Level 4, Building 11A, West Wing

Royal North Shore Hospital

St Leonards, NSW 2065

Ph: 02 9926 6758

Fax: 02 9926 6755

Email: smc@nscchahs.health.nsw.gov.au

Website link to SSRS documents:

<http://intranet01.nscchahs.health.nsw.gov.au/intranet/rns/SMSC/trainingcourses/currenttrainingprojects/default.shtml>