

# Annual Neonatal Simulation & TEL Conference

## “Simulating Together & Improving Outcomes”



**September 26<sup>th</sup> and 27<sup>th</sup> 2017**

**Venue: Grand Harbor Hotel**

**West quay Road**

**Southampton UK**



### Speakers

**Dr Margaret Burmester**

Consultant PICU Royal Brompton Harefield NHS Trust

**Dr Jonathan Cusack**

Consultant Neonatologist, Lead Neonatal Simulation Leicester UK

**Dr Sarah Davidson**

Consultant Neonatologist, Southampton UK

**Dr Joe Fawke**

Consultant Neonatologist, Lead Neonatal Simulation Leicester UK

**Dr Sijo Francis**

Consultant Neonatologist St George's NHS Trust

**Dr Sheyna Gifford**

Health & Safety Officer NASA HISEAS Mars Simulation Mission

**Professor David Gaba**

Associate Dean & Director of the Center for Immersive and Simulation based Learning Stanford University School of Medicine

**Professor Lou Halamek**

Division of Neonatal and Developmental Medicine, Stanford Director, Centre for Advanced Paediatric and Perinatal Education

**Professor Colin Morley**

Honorary Lecturer, Department Obs Gyn University of Cambridge UK

**Dr Jasim Shihab**

Sr Clinical Fellow London NTS & Royal London Hospital

**Dr Hannah Shore**

Consultant Neonatologist, Leeds University Hospital Lead Paediatric Simulation Yorkshire

**Dr Jens Christian-Schwindt**

Consultant Neonatologist & Director Sim Characters

**Kristian Thomas**

British Olympic Gymnast

**Dr Maria Tsakmakis**

Consultant Neonatologist Southmead Hospital Bristol

**Dr Donna Windebank-Scott**

Consultant Neonatologist Southampton

## Dr Alok Sharma, Chair & Lead



Dr Alok Sharma is a Consultant Neonatologist at Princess Anne Hospital Southampton. He is a founding member for the Wessex-Oxford Neonatal Education Programme and Lead for the Neonatal Simulation Programme at Princess Anne Hospital Southampton. He is one of the founding members of MPROvE which champions **MultiPROfessional Neonatal Education** through simulation and technology enhanced learning. His main areas of interest are cascading medical error and risk through in situ simulation. His current area of research is barriers to the uptake of simulation by multidisciplinary teams and latent threat identification. Work on multidisciplinary neonatal simulation done by his team, and its impact on neonatal outcomes was nominated for the National BMJ Award securing the Runner's Up position in 2014 and was awarded the Best Research Award at ASPIH 2014. He is Course Director the 'Neonatal Ethics and Difficult Situations Course' and 'Simulated Neonatal Airway' which are run nationally in multiple centres in the UK and abroad.

## Dr Ranjit Gunda Co-Organiser and Treasurer



Dr Ranjit Gunda is a Consultant Neonatologist at Rainbow Hospital in India. He was lead for the Wessex-Oxford Neonatal Education Programme and faculty on the MPROvE Neonatal Instructor Programme. Dr Gunda has trained in neonatal intensive care at Aberdeen, Southampton, Leicester and London. Ranjit is pursuing research in 'Nutritional Influence on Surfactant Metabolism in Neonates'. He has completed a research project on the parental perception towards therapeutic hypothermia. His research interest is the use of simulation as quality improvement methodology, in patient safety and risk. His work along with Dr Sharma on 'Multidisciplinary simulation, cost effectiveness and neonatal outcomes' was presented at ASPIH 2014 and awarded 'The Best Research Award'. He founded the Wessex-Oxford Neonatal Education Programme for grid neonatal training in Wessex. Dr Ranjit Gunda has also worked on 'The OPEN concept' and its implementation in procedural skills training in neonatology. This is currently being developed into an app for neonatal trainee's worldwide.

# 6<sup>th</sup> Annual Neonatal Conference Programme-Day 1

## Session 1: Introduction

- 08.00-09.00                      Registration & Meet our Sponsors
  
- 08.50-09.00                      Lift Off
  
- 09.00-09.30                      Neonatal Simulation  
Using it Cost-Effectively to Improve Neonatal Outcomes  
Dr Alok Sharma
  
- 09.30-10.00                      The Role of Simulation in the Objective Assessment of  
Human and System performance in Health Care  
Prof Lou Halamek
  
- 10.00-10.40                      Introducing & Sustaining Neonatal Simulation Programmes  
Barriers to Uptake & Faculty Development  
Dr Joe Fawke

10.40-11.00                      *Coffee (Poster Walk)*

## Session 2: Bringing Simulation and TEL to Your Set Up

- 11.00-12.00

Venue	Winslow Suite Workshop	Bradford Suite Round Table	Standish Suite Round Table	Main Hall Workshop
Topic	A Neonatal Toolkit for Implementing 'Multiprofessional Neonatal Simulation' in busy neonatal environments	Moulage in Neonatal Simulation 'Bringing realism to Neonatal Simulation Models' & Setting the Scene	Multidisciplinary Neonatal Simulation Meeting the Educational needs of Multiprofessional Teams 'The METE Study'	Multidisciplinary Neonatal Simulation Progressive Fidelity in Simulation
Facilitators	Alok Sharma Ranjit Gunda	Donna Windebank-Scott Jasim Shihab (L)	Sarah Davidson	Sarah McCullough

12.00-1300                      *Lunch (Poster Walk)*

## Session 3: Simulation in Practice 'Hands On'

➤ 13.00-14.00

Venue	Winslow Suite	Bradford Suite	Standish Suite	Main Hall
<b>Topic</b>	<i>The OPEN Concept</i> 'Preterm Golden Hour Management' The Pitstop Approach & Changing Behaviour	<i>Simulation as an Assessment Tool</i> Assessing & measuring the performance of your neonatal resuscitation Teams	<i>Simulation to reinforce learning</i> Simulating Developmental Care in Situ (L)	<i>Simulation to reinforce learning</i> Standardised Pathway in Managing Neonatal Airway Problems
<b>Facilitators</b>	Ranjit Gunda Alok Sharma	Lou Halamek	Sister Kim Pease Sister Emma Fudge	Dr N Soni & NW Neonatal Difficult Airway Group

## Session 4: Plenary Session

➤ 14.00-14.30                      **Simulations That Are Challenging to the Psyche of Participants, Should We Worry and About What?**  
David Gaba

➤ 14.30-15.00                      **Post Event Debriefing at Work-How Hot is Hot? When, Where, How**  
Hannah Shore

*1500-15.30                      Tea & Coffee (Poster Walk)*

## Session 5 Debriefing in Neonatal Simulation

➤ 15.30-16.30

Venue	Winslow Suite	Bradford Suite	Standish Suite	Main Hall
<b>Topic</b>	Debate: Simulating & Debriefing Neonatal Death (L)	Outcome Centred Debriefing	Difficulties During Debriefing Disbelievers & Experts	Debate: Thou Shalt Not Judge Thy Neighbour
<b>Facilitators</b>	Maria Tsakmakis Hannah Shore	Lou Halamek	Jonathan Cusack Joe Fawke	Sijo Francis Professor Gaba

*16.30-1700 Plenary Delivering Neonatal Simulation: What Standards should we aspire for What Standards are there? Margarita Burmester*

# 6<sup>th</sup> Annual Neonatal Conference Programme-Day 2

## Session 1: Patient Safety

- 08.15-08.50                      Registration & Coffee
  
- 08.50-09.00                      Introduction & Catch Up Day 1
  
- 09.00-09.30                      Simulation & Patient Safety in Neonatology  
Where are we headed?  
Jens Christian Schwindt
  
- 09.30-10.00                      TBC  
David Gaba
  
- 10.00-11.00                      Podium Presentations (Abstracts)

*11.00-11.30                      Tea and Coffee (Poster Walk)*

## Session 2: Improving Outcomes & Staff Performance

- 11.30-12.30

Venue	Winslow Suite Workshop	Bradford Suite Roundtable	Standish Suite Roundtable	Main Hall Workshop
Topic	More Salad Than Sandwich Learning from Mistakes	Standardized Communication techniques in Neonatal Resuscitation Striving for Better Outcomes	Simulation & the Doctor in Difficulty Identifying & Addressing Performance Issues	Reorientation of Life Sustaining Intensive Care: Improving Staff Performance
Facilitators	Chantelle Mann Emma Sherwood	Lou Halamek	David Gaba Jonathan Cusack	Jonathan Hurst & Team

*12.30-13.30                      Lunch (Poster Walk)*

### Session 3: Quality Improvement

- 13.30-14.00            **Use of Technology Enhanced Learning in Delivering High Quality Neonatal Care**  
Dr Jonathan Cusack
- 14.00-15.00            **Quality Improvement in Neonatal Care Using TEL Abstracts (4)**

*15.00-15.30            Tea & Coffee (Poster Walk)*

### Session 4: Innovation & Team Resilience

- 15.30-16.30

Venue	Winslow Suite New Innovations	Bradford Suite New Innovations	Standish Suite Team Resilience	Main Hall Team Resilience
Topic	Introducing Video laryngoscopy into your Neonatal Unit	Monitoring Neonatal Resuscitation Training and Resuscitations	Mental Modelling & Building Team Resilience	Preparing for a Low Frequency High Stakes Event Lessons from NASA
Facilitators	Alok Sharma	Colin Morley	Lou Halamek	Sheyna Gifford

### Session 5: Cross Industries Approach

- 16.30-17.00            **Managing Performance and Anxiety in High Stakes Events**  
Kristian Thomas British Gymnastics
- 17.00-17.30            **Simulating a Medical Emergency on Mars**  
**'The HISEAS Project'**  
Sheyna Gifford

Register on [www.mproveonline.com](http://www.mproveonline.com) or email [contact@mproveonline.com](mailto:contact@mproveonline.com)