

SEPTEMBER 23RD : DAY 1 – GENERAL PAEDIATRICS

Day-Chair *Dr. Kristina Elfving (Paediatrician, MSF, Stockholm, Sahlgrenska University Hospital, Gothenburg)*

08:30-09:00 Registration

09:00-09:20 **Welcome and introduction**

Dr. Svante Norgren (Director of Astrid Lindgren Children's Hospital, Karolinska, Stockholm)

Dr. José Antonio Bastos (President, MSF, Barcelona)

Dr. Marie-Claude Bottineau (Leader of the MSF International Working Group of Pediatrics, MSF, Geneva)

09:20-09:35 **PaED** Frontline paediatrics and the birth of the Paediatric Days

Dr. Sahar Nejat (Member of organizational committee for Paediatric Days, MSF Paediatrician and Paediatric public health advisor, Stockholm)

09:35-10:25 **Oral Abstract presentations (4 x 8'+4')**

Introduction – *Chair: Prof. David Southall (Honorary Medical Director MCAI, Laide)*

Framework for provision of paediatric care in MSF Hospital Settings – *Dr. Lisa Umphrey*

Lessons learnt from introducing increased monitoring of HDU patients in a Kenyan district hospital – *Dr. Mark Lee*

Bubble continuous positive airway pressure (bcpap) and the management of critically ill children on a busy paediatric unit in Malawi – *Dr. Hans-Joerg Lang*

Management of cerebral malaria in children in resource limited settings: the experience from two clinical trials in Mbarara – *Dr. Juliet Mwangi*

BREAK

10:50-13:00 **Challenges in septic shock treatment in resource-limited settings (RLS)**

10:50-11:00 Panelist introduction – *Chair: Prof. Elizabeth Molyneux (Honorary Professor of Paediatrics, College of Medicine, University of Malawi, Blantyre) & Co-chair: Dr. Roberta Petrucci (Paediatrician, Medical Operation Support Unit, MSF, Geneva)*

11:00-11:20 International shock & sepsis guidelines - high resource settings - new developments and latest evidence - *Prof. Joseph Carcillo (Critical Care services, Pittsburgh)*



- 11:20-11:40 The role of fluid resuscitation in the management of critically ill children in Sub- Sahara Africa. Review of existing evidence including data of a large randomized controlled trial conducted in Uganda, Kenya and Tanzania – *Prof. Mike Levin (Infectious diseases Department, St. Mary’s Hospital, Imperial College, London)*
- 11:40-12:00 Practical approach for treatment of sepsis/ severe dehydration & severe Anaemia in a first class PICU in a middle income country – *Prof. Andrew Argent (Head of Paediatric Intensive Care Unit, Red Cross Children Hospital, Cape Town)*
- 12:00-12:20 Transfer of “critical care strategies” used in high resource settings to low resource settings – *Dr. Hans-Joerg Lang (Paediatric Intensive Care Medicine, MSF, Geneva)*
- 12:20-13:00 Discussion (30’ Q&A + 10’ wrap up)

13:00-14:00 LUNCH and Abstract posters viewing

14:00-14:15 PaED My life as a Sickle Cell Patient

– *David Issom (Research Assistant, Division of Medical Information Sciences, University Hospitals of Geneva)*

14:15-15:55 Sickle cell disease (SCD) in MSF settings

- 14:15-14:20 Panelist introduction – *Chair: Dr. Isabel Zuniga (Paediatric advisor, MSF, Brussels) & Co-chair Prof. Ousmane Ndiaye (Hôpital Albert Royer, Dakar)*
- 14:20-14:45 Overview of sickle cell disease – Decentralised prevention packages – *Prof. Mariane de Montalembert (Hôpital Necker-Enfants Malades, Paris)*
- 14:45-14:53 Challenges of managing of sickle cell disease among children from an informal urban settlement, Kibera, Nairobi - *Lili-Marie Wanguru (MSF Nairobi)*
- 14:53-15:20 Management of sickle cell disease: finding solutions in low-resource settings – *Prof. Isaac Odame (Director, global SCD network; Director, Hospital for Sick Children, Toronto)*
- 15:20-15:55 Discussion (30’ Q&A + 5’ wrap up)

15:55-16:15 BREAK



16:15-17:05 Oral abstract presentations (4 x 8'+4')

Introduction - *Chair: Dr. Tamman Aloudat (Deputy Medical Director, MSF, Geneva)*

Children with Developmental Delays in Humanitarian Emergencies: A hidden tragedy in need of identification and intervention – *Dr. Ramzi Nasir*

Short children with a low mid-upper arm circumference respond to food supplementation: an observational study from Burkina Faso – *Dr. Christian Fabiansen*

Treatfood: effectiveness on fat-free mass of improved supplementary foods for children with moderate acute malnutrition: a 2x2x3 – *Dr. Christian Fabiansen*

Building therapeutic alliances between health workers and guardians in nutritional rehabilitation units: a qualitative study in the Moyo unit, Blantyre – *Dr. Emilie Macher*

17:05-17:20 PaED Bringing Paediatrics to the frontline with Telemedicine – The MSF experience and way forward

– *Fabien Schneider (Program Unit Manager, MSF, Toronto)*

17:20-17:40 Wrap up of the day

- *Dr. Kristina Elfving (Paediatrician, Sahlgrenska University Hospital, Gothenburg)*

18:00 Simple dinner buffet



SEPTEMBER 24TH : DAY 2 – NEONATOLOGY

Day-Chair *Dr. Kristina Elfving (Paediatrician, MSF, Stockholm, Sahlgrenska University Hospital, Gothenburg)*

09:00-09:15 **PaED**Field perspectives from a Paediatrician

- *Dr. Nadia Lafferty (Paediatric Advisor, MSF, Barcelona)*

09:15-10:05 **Oral abstract presentations (4 x 8'+4')**

Introduction - *Chair: Dr. Jean-Francois Saint-Sauveur (Medical Director, MSF, Barcelona)*

How do low-birth-weight neonates fare two years after discharge from a low-technology neonatal care unit in a rural district hospital in Burundi – *Dr. Wilma Van Den Boogaard*

Kangaroo Mother Care in Afghanistan: an assessment of barriers and facilitators to implementation – *Laura Acheson*

Breathing Made Simple: Developing Simple Continuous Positive Airway Pressure in Uganda for Resource Limited Settings – *Dr. Ryan Carrol*

Sharp Decrease in Mortality for Neonates Admitted to a New Neonatal Unit of a Regional Hospital in DRC: a Retrospective Case – *Dr. Anne Pittet*

10:05-10:20 **PaED**Added value of nurse-lead care in MSF paediatric projects

– *Dr. Christopher Hands (Children's hospital, Freetown, Royal College of Paediatrics and Child Health, London)*

10:20-10:45 **BREAK**

10:45-12:30 **The preterm / low and very low birth weight infant**

10:45-10:55 Introduction – *Chair: Dr. Myrto Schaefer (Head of Medical Unit, MSF, Sydney, Deputy Medical Director, MSF, Paris) & Co-chair: Prof. Mats Blennow (Senior Consultant, Professor Department of Neonatology, Karolinska University Hospital, Stockholm)*

10:55-11:20 Kangaroo Mother Care: Physiological response, cultural and practical challenges in field settings – *Dr. Nils Bergman (Cape Town University, Cape Town)*

11:20-11:45 Oxygen, air pressure or both for respiratory distress in the preterm infant? – *Prof. Mats Blennow (Senior Consultant, Professor Department of Neonatology, Karolinska University Hospital, Stockholm)*

11:45-12:30 Discussion (45' Q&A + 10' wrap up)



12:30-13:30 LUNCH and Abstract posters viewing

13:30-15:30 Neonatal infections in field settings

13:30-13:40 Introduction – *Chair: Dr. Harriet Roggeveen (Paediatric Advisor, MSF, Amsterdam)*

13:40-14:00 **PaED**Challenges of nosocomial infections in Neonatal Intensive Care Unit – *Dr. Ulrike Müller (Paediatrician, MSF, Berlin)*

14:00-14:35 Challenges and Opportunities for addressing New-born Sepsis Globally - *Prof. Zulfiqar Bhutta (Co-Director of the Sick Kids Centre for Global Child Health, Toronto, and the Founding Director of the Centre of Excellence in Women and Child Health, at the Aga Khan University, Karachi)*

14:40-15:30 Discussion (50' Q&A + 10' wrap up)

15:30-16:00 BREAK

16:00-17:00 Conclusions and recommendations

4 co-chairs presenting 10" summary of their sessions – Chair: Dr. Myrto Schaefer (Head of Medical Unit, MSF, Sydney, Deputy Medical Director, MSF, Paris)

17:00-17:30 Closing ceremony

17:00-17:10 Closing ceremony speech – *Dr. Mercedes Tatay (International Medical Secretary, MSF, International)*

17:10-17:20 Next Paediatric Days in Dakar – *Dr. Laurent Hiffler (Paediatric technical referent, MSF, Dakar)*

17:20-17:30 Wrap up – *Mari Mörth (General Director, MSF, Stockholm)*



SEPTEMBER 25TH : DAY 3 – PORTABLE ULTRASOUND SESSION – A PROMISING TOOL FOR PAEDIATRIC DIAGNOSTICS IN FIELD SETTINGS

Please Note: Session takes place at the MSF SE Office

09:00-11:00 Point of Care Ultrasound session – *Jarred Halton (Medical Imaging Advisor - MSF International) & Dr. Savvas Andronikou (Professor at University of Bristol and Bristol Royal Hospital for Children)*

Point of care ultrasound (POCUS) has emerged as a valuable diagnostic tool in triage and management of patients. Ultrasound is repeatable and does not use ionizing radiation like X-ray and CT, which is of particular advantage in paediatric patients.

The introduction of affordable, portable, durable, high quality ultrasound units had lead non radiologists performing limited ultrasound scans at a patient's bed side, in the emergency room or ward setting to facilitate rapid diagnosis and guide clinical decision making and is a promising tool for resource limited settings.

