### THURSDAY 12 SEPTEMBER 2019

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<tr>
<th>Time</th>
<th>Session</th>
<th>Chairpersons</th>
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<tr>
<td>15:00-16:00</td>
<td>Registration</td>
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<tr>
<td>16:00-16:15</td>
<td>Opening and Welcome</td>
<td>V Davies</td>
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<tr>
<td>16:15-16:45</td>
<td>Hot and Topical Chairpersons</td>
<td>R Singh &amp; R Thomas</td>
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<tr>
<td>16:45-17:15</td>
<td>Management of hypotension in the newborn</td>
<td>S Velaphi</td>
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<td>17:15-17:45</td>
<td>Management of Arrhythmias in the Newborn</td>
<td>L Pepeta</td>
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<td>17:45-18:15</td>
<td>SDGs and MDGs in Neonatology</td>
<td>N Rhoda</td>
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### FRIDAY 13 SEPTEMBER 2019

<table>
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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>08:30-10:00</td>
<td>Respiratory: Care and Controversies Chairpersons</td>
<td>J Smith &amp; S Raban</td>
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<td>08:30-09:00</td>
<td>Automated oxygen control in the NICU for non-invasive ventilation</td>
<td>P Reynolds</td>
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<td>09:00-09:30</td>
<td>Management of MAS</td>
<td>R Singh</td>
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<tr>
<td>09:30-10:00</td>
<td>High Flow Oxygen Therapy</td>
<td>T Ramdin</td>
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<tr>
<td>10:00-10:30</td>
<td>Tea</td>
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<tr>
<td>10:30-12:30</td>
<td>Neonatal encephalopathy: Outcome and Follow-up Chairpersons</td>
<td>A Horn &amp; Lg Lloyd</td>
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<tr>
<td>10:30-11:00</td>
<td>Static encephalopathy in the newborn is an oxymoron</td>
<td>A Du Plessis</td>
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<tr>
<td>11:00-11:30</td>
<td>Prediction of outcome after perinatal asphyxia in term neonates</td>
<td>F Groenendaal</td>
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<td>11:30-12:00</td>
<td>KMC and the Premature Brain</td>
<td>M Mokhachane</td>
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<tr>
<td>12:00-12:30</td>
<td>Outcome of High-Risk Infants</td>
<td>D Ballot</td>
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<td>12:30-13:30</td>
<td>Lunch</td>
<td>S Strachan</td>
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<tr>
<td>13:30-15:30</td>
<td>Quality of Care and Infections Chairpersons</td>
<td>N Rhoda &amp; R Dippenaar</td>
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<tr>
<td>13:30-14:00</td>
<td>Why quality improvement should be a core theme for neonatal care</td>
<td>P Reynolds</td>
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<tr>
<td>14:00-14:30</td>
<td>Adverse events in the NICU</td>
<td>S Holgate</td>
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<td>14:30-15:00</td>
<td>Quality improvement programmes to improve neonatal sepsis in the NICU</td>
<td>D Mawela</td>
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<tr>
<td>15:00-15:30</td>
<td>Tropical and Topical infections in the newborn: Listeriosis, Malaria and Zika</td>
<td>L Blumberg</td>
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<tr>
<td>15:30-16:00</td>
<td>Tea</td>
<td>S Velaphi &amp; C Mackay</td>
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<tr>
<td>16:00-16:30</td>
<td>Prevention of antibiotic-resistant infections in the neonate</td>
<td>A Dramowski</td>
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<td>16:30-17:00</td>
<td>Mechanism based therapy of Gram-negative infections</td>
<td>G Richards</td>
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<td>17:00-17:30</td>
<td>Perinatal TB</td>
<td>G Reubenson</td>
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<td>17:30-18:15</td>
<td>Launch of Neonatal Sepsis Task Force</td>
<td>A Dramowski</td>
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### SATURDAY 14 SEPTEMBER 2019

#### 07:30-08:30

**REGISTRATION**

#### 07:00-08:00

**BREAKFAST SYMPOSIUM (ASTELLAS)**  
**FUNGAL INFECTIONS IN THE NICU**  
**PROF A DRAKOWSKI (EPIDEMIOLOGY)**  
**PROF V DAVIES (TREATMENT)**

#### 08:00-10:30

**Neonatal encephalopathy: aspects of management**  
**CHAIRPERSONS:** P COOPER & G KALI

- **08:00-08:30**  
  Perinatal asphyxia: Navigating tiger country  
  **A DU PLESSIS**

- **08:30-09:00**  
  The birthday cuddle – how to give every parent a chance to hold their baby after birth  
  **P REYNOLDS**

- **09:00-09:30**  
  Novel, experimental strategies of neuroprotection  
  **F GROENENDAAL**

- **09:30-10:00**  
  Brain monitoring in the high-risk newborn  
  **A DU PLESSIS**

- **10:00-10:30**  
  Intracranial haemorrhage and stroke  
  **F NAKWA**

### 10:30-11:00

**TEA**

#### 11:00-12:30

**Challenges in management**  
**CHAIRPERSONS:** M HARRISON & T RAMDIN

- **11:00-11:30**  
  Mother to child hiv transmission rates and neonatal outcomes at a tertiary hospital in South Africa  
  **A HORN**

- **11:30-12:00**  
  IEM: Challenges in diagnosis and management in SA  
  **I SMUTS**

- **12:00-12:30**  
  ROP in SA: Controversies and difficulties in management and screening  
  **L VISser**

#### 12:30-13:30

**LUNCH**

#### 13:30-15:00

**FREE PAPERS PARALLEL SESSION 1 -Tsitsikamma Room**  
**CHAIRPERSONS:** K MASEMOLA & Y JOOLAY

- **13:30-13:40**  
  A review of neonatal outcomes to discharge, of perinatal asphyxia and the use of induced hypothermia as a treatment modality, at a tertiary centre in South Africa  
  **R SIMPSON**

- **13:40-13:50**  
  An audit of mother to child hiv transmission rates and neonatal outcomes at a tertiary hospital in South Africa  
  **G BENALI**

- **13:50-14:00**  
  Factors associated with neonatal labour ward deaths at a tertiary hospital in Johannesburg, South Africa. A retrospective case control study  
  **N MTHUPHA**

- **14:00-14:10**  
  Epidemiology of bacterial bloodstream infections in very low birth weight neonates at Charlotte Maxeke Johannesburg academic hospital  
  **M MATLADISA**

- **14:10-14:20**  
  Growth of extremely low birth weight infants at a tertiary hospital in a middle income country  
  **T MABHANDI**

- **14:20-14:30**  
  Mortality and outcomes of extremely low birth weight infants in the first year of life: a retrospective cohort study  
  **G MUSIME**

- **14:30-14:40**  
  Late preterm infants’ outcomes within the first week of life, born at Tygerberg hospital  
  **M VAN NIEKERK**

- **14:40-14:50**  
  The association between admission temperature and adverse outcomes in very low birthweight neonates admitted to a tertiary neonatal service in South Africa  
  **T JONES**

- **14:50-15:00**  
  The burden of early onset sepsis in neonates with neonatal encephalopathy  
  **K CAR**

#### 13:30-15:00

**FREE PAPERS PARALLEL SESSION 2 -Wood Rooms**  
**CHAIRPERSONS:** A DRAKOWSKI & T MOSIA

- **13:30-13:40**  
  Infants of diabetic mothers : maternal and infant characteristics and incidence of hypoglycemia  
  **Y MAGADLA**

- **13:40-13:50**  
  Epidemiology of neonatal bloodstream infection among very low birth weight infants at a South African tertiary neonatal care unit  
  **LG LLOYD**

- **13:50-14:00**  
  Microbiological profile of blood culture positive isolates in infants admitted to the neonatal unit over a 5-year period  
  **C ONDONGO-EZHET**

- **14:00-14:10**  
  Characteristics and outcomes of neonates with blood stream infection due to listeria monocytogenes  
  **N NTULI**

- **14:10-14:20**  
  Neurodevelopmental outcome in neonates with hypoxic ischaemic encephalopathy managed with induced hypothermia  
  **S MBATHA**

- **14:20-14:30**  
  Outcomes at hospital discharge amongst neonates with hypoxic ischemic encephalopathy managed with induced hypothermia  
  **L SEPENG**

- **14:30-14:40**  
  The profile of ancillary laboratory tests results in neonates with bacterial or candida infection  
  **L SONO**

- **14:40-14:50**  
  Pathogens isolated from cerebrospinal fluid (csf) of infants admitted to a neonatal unit in a South African hospital  
  **L SONO**

- **14:50-15:00**  
  Infection and all-cause mortality rates due to carbapenem resistant organisms in infants admitted to the neonatal unit  
  **R THOMAS**
### 15:30-16:30  FREE PAPERS PARALLEL SESSION 3 - Tsitsikamma Room

**CHAIRPERSONS:** K MATHIVHA & K HARPER

- **15:30-15:40** The septic road: Step 1 defining the problem  
  *R DIPPENAAR*
  *D BALLOT*
- **15:50-16:00** Neurodevelopmental impairment at one-year of age in infants with invasive group B streptococcal sepsis  
  *F NAKWA*
- **16:00-16:10** Review of multidrug-resistant enterobacteriaceae in a neonatal unit in Johannesburg, South Africa  
  *D BALLOT*
- **16:10-16:20** Pharmacokinetics and safety of trimethoprim-sulfamethoxazole in HIV-exposed low birth weight infants  
  *F NAKWA*

### 15:30-16:30  FREE PAPERS PARALLEL SESSION 4 - Wood rooms

**CHAIRPERSONS:** M COETZEE & L NAIDOO

- **15:30-15:40** Evidence-based quality improvement for reducing a public sector neonatal intensive care unit  
  *A JENKINS*
- **15:40-15:50** Will daily nursery rhyme reading by mothers improve maternal-infant interaction and neurodevelopment in preterm infants? A protocol for a quasi-experimental study  
  *J DU PREEZ*
- **15:50-16:00** Improving survival among preterm babies in a low limited setting: 10 year experience  
  *Nsambya hospital Uganda*
  *V NAKIBUUKA*
- **16:00-16:10** Surveillance for incidence and etiology of early-onset neonatal sepsis in Soweto, South Africa  
  *S VELAPHI*
- **16:10-16:20** The trajectory of general movements from birth until 12-14 weeks corrected age in preterm infants born before 33 weeks’ gestation and weighing less than 1500g: a descriptive study  
  *J DU PREEZ*

### 16:30-17:30  USANA BGM

- **19:00** Buses depart for Gala Dinner
- **19:30** **GALA DINNER AND AWARDS PRESENTATION** - The Plantation  
  Theme: Our heritage  
  Traditional dress

### SUNDAY 15 SEPTEMBER 2019

#### 08:00-09:00  REGISTRATION

#### 09:00-12:30  LAST BUT NOT LEAST: MEDICO-LEGAL, STATISTICS, ETHICS AND MORE

**CHAIRPERSONS:** D BALLOT & J DU PREEZ
- **08:30-09:00** Acute kidney injury in the newborn  
  *M McCULLOCH*
- **09:00-09:30** Dangerous and useless therapies  
  *M HARRISON*
- **09:30-10:00** Systematic reviews  
  *H SALOOJEE*

#### 10:00-10:30  TEA

**CHAIRPERSONS:** D MAWELA & M MOXHACHANE
- **10:30-11:00** Ethics and the neonatologist  
  *C vd WESTHUIZEN*
- **11:00-11:30** Pitfalls in practising neonatology  
  *J SMITH*
- **11:30-12:00** The litigation process and pitfalls to avoid  
  *G HOWARTH [MPS]*
- **12:00-12:30** Mediation vs Litigation  
  *C vd WESTHUIZEN*

#### 12:30  CLOSE OF CONFERENCE

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All abstracts are available on the conference website at [http://usana.org.za](http://usana.org.za)