

# UCT PAEDIATRIC REFRESHER COURSE 4 - 7 FEBRUARY 2025

## SCIENTIFIC PROGRAMME

### MONDAY 3 FEBRUARY 2025 - WORKSHOP 1

### TUESDAY 4 FEBRUARY 2025 - WORKSHOP 2

### WEDNESDAY 05 FEBRUARY 2025

07:00 - 08:00 Registration

08:00 - 08:15 Welcome

#### 08:15 - 09:45 **SESSION 1:** Chair:

08:15 - 08:45 Artificial intelligence: impact on paediatric practice

08:45 - 09:15 Autism and Neurodiversity- what is it?

09:15 - 09:45 Paediatric Care Priorities in Africa- Leaving no-one behind

#### 09:45 - 10:15 **REFRESHMENTS**

#### 10:15 - 12:15 **SESSION 2: OFFICE CARDIOLOGY** Chair:

10:15 - 10:35 Which child needs to see the cardiologist urgently

10:35 - 10:55 My heart is racing (palpitations)

10:55 - 11:15 My heart is sore (chest pain)

11:15 - 11:35 And then there was darkness (syncope)

11:35 - 11:55 ECG 101 Quiz: The basics

11:55 - 12:15 ECG 911 Quiz: Not for the faint hearted

#### 12:15 - 13:15 **LUNCH**

#### 13:15 - 15:15 **Session 3: Genetics** Chair:

13:15 - 13:35 Could this be genetic?

13:35 - 13:55 Genetic testing - what to test when?

13:55 - 14:15 Genetic testing - what does this result mean?

14:15 - 14:35 Genetic counselling and the family

14:35 - 14:55 Genetic testing in the nursery

14:55 - 15:15 Genetic testing in neurodevelopmental disorders

#### 15:15 - 15:45 **REFRESHMENTS**

#### 15:45 - 17:15 **SESSION 4: Neurodevelopment** Chair:

15:45 - 16:05 Pharmacology for ADHD and other neurodevelopmental conditions

16:05 - 16:25 The At Risk Infant

16:25 - 16:45 Working with schools

16:45 - 17:05 "I hate tomatoes" and a few others!

#### 17:15 - 18:45 **SPONSORED COCKTAIL SYMPOSIUM - TBA**

VENUE: Camphor

## THURSDAY 06 FEBRUARY 2025

07:15 - 08:15 **SPONSORED BREAKFAST SYMPOSIUM - ROCHE** VENUE: Camphor

08:15 - 09:45 **SESSION 5: PLENARY** Chair:

08:15 - 08:45 Autism - Interventions and Family  
08:45 - 09:15 The Best Brain Start- Health and Resilience  
08:45 - 09:15 CHD missed at fetal and newborn screening

09:45 - 10:15 **REFRESHMENTS**

10:15 - 12:15 **SESSION 6: Neurodevelopment** Chair:

10:15 - 10:35 Behaviours that Challenge (I)  
10:35 - 10:55 Behaviours that Challenge (II)  
10:55 - 11:15 Developmental Orthopaedics  
11:15 - 11:35 Talking and Communication Challenges  
11:35 - 12:15 Platform Discussion- Parents and Professionals

12:15 - 13:15 **LUNCH**

13:15 - 15:15 **SESSION 7: Genetics** Chair:

13:15 - 13:35 Cardiogenetics - what is it?  
13:35 - 13:55 The adolescent with a genetic disorder  
13:55 - 14:15 Resources to help make a diagnosis  
14:15 - 14:35 Face 2 gene - AI in the clinic  
14:35 - 14:55 Thinking about diversity in Africa  
14:55 - 15:15 Treatment approaches in genetic disease

15:15 - 15:45 **REFRESHMENTS**

15:45 - 17:15 **SESSION 8:FINGER ON THE PULSE** Chair:

15:45 - 16:05 Role of the fetal cardiologist in antenatal care  
16:05 - 16:25 WC Paediatric Cardiology Service 2025 Heart Failure Guideline  
16:25 - 16:45 What is a cardiologist doing in the oncology clinic?  
16:45 - 17:05 MIS-C and Kawasaki Disease update

19h00 Speakers' Dinner (by invitation only). Free evening for all other delegates

## FRIDAY 07 FEBRUARY 2025

07:15 - 08:15 **SPONSORED BREAKFAST SYMPOSIUM - TBA**

08:30 - 10:00 **SESSION 9:** Chair:

08:30 - 09:00 Definitions and some F -Words  
09:00 - 09:30 NHI - what does it really mean for children?  
09:30 - 10:00 Paediatrician's role in future cardiovascular health

10:00 - 10:30 **REFRESHMENTS**

10:30 - 12:45

**SESSION 10: ETHICS**

Chair:

10:30 - 11:00 Engaging 'Joe Soap' in research

11:00 - 11:30 Resource limitation/allocation

11:30 - 12:00 Cardiac surgery for complex genetic conditions

12:00 - 12:30 Ethics of treating and not treating in genetic disease

12:30 - 12:45 Closing, thanks and next years course