



# PASCAR Africa Heart Failure Course 2021

The PASCAR Africa Heart Failure Course 2021 Launch took place on 27 March 2021.

This course has been developed for Africa by Africans with the aim to create a network of appropriately trained specialists with an interest in heart failure to **take a leadership role** in their region, country, and local institutions.

The inaugural course in 2021 saw **15 cardiologist, 3 Cardiology Fellows 4 Specialists Physicians from across Africa selected as the 22 course candidates** and involve them in developing systems of care designed to offer early diagnoses and optimise treatment without undue burden on resources through capacity building.

The 6 Sessions of **Module 1** was offered on the last weekend of each month (March to September) as an academic program on full Saturday and Sunday afternoon as Virtual training.



PASCAR acknowledges with appreciation Corporate Support from:



# MENTORS & MENTEEES

*"A cornerstone of the course is lifelong mentorship and building a Physicians Network passionate about HF to help facilitate meaningful impact sustained for the long-term"*



**Prof Mahmoud Sani**  
Nigeria

**Neusa Jessen** (Cardiologist)  
**Célia Filomena José Novela** (Allied HCP)  
Mozambique

**Lambert Appiah** (Cardiologist)  
**Samuel Amoabeng Kontoh** (Allied HCP)  
Ghana

**Nafisa Elsammani** (Cardiologist)  
**Mobark Addelhalim Zarog Ali** (Allied HCP)  
Sudan

**Mohamed Salim** (Cardiologist)  
**Fidelis Kwedho** (Allied HCP)  
Kenya



**Prof Zaheer Yousef**  
Wales

**Christine Williams** (Specialist Physician)  
**Edna Gbonu Pessima** (Allied HCP)  
Sierra Leone

**Theresa Ruba Koroma** (Physician)  
**Rose Marie Turay** (Allied HCP)  
Sierra Leone

**Fredrick Kalokola** (Physician)  
**Erasto Mgaya** (Allied HCP)  
Tanzania

**Stephen Omondi** (Cardiologist)  
**Patrick Nyaga** (Allied HCP)  
Kenya

# MENTORS & MENTEEES



**Prof Albertino Damasceno**  
Mozambique

**Tsungai Chipamaunga** (Cardiology Fellow)  
**Naison Kurwaisimba** (Allied HCP)  
Zimbabwe/South Africa

**George Otieno** (Cardiology Fellow)  
**Geoffrey Mashiya** (Allied HCP)  
Kenya

**Ido Ukpeh** (Cardiology Fellow)  
**Okama Sunday Mbang** (Allied HCP)  
Nigeria

**Aliou Alassane Ngaide** (Cardiologist)  
**Awa Traore** (Allied HCP)  
Senegal



**Prof Karen Sliwa**  
South Africa

**Irina Mbanze** (Cardiologist)  
**Catarina Muianga** (Allied HCP)  
Mozambique

**Sara Hamid Musa** (Physician)  
**Abdellateef Mohammed Abdellateef** (Allied HCP)  
Sudan

# MENTORS & MENTEEES



**Dr Yacoub Musa**  
Sudan

**Casmir Amadi** (Cardiologist)  
**Dawodu Titilayo** (Allied HCP)  
Nigeria

**Amha Weldehana** (Cardiologist)  
**Sadiki Ngagi Delphin** (Allied HCP)  
Rwanda

**Amal Salim** (Physician)  
**Bintiathman Rashid Ntshandu** (Allied HCP)  
Kenya

**Josephine Achan** (Cardiologist)  
**Sylvia Anyayo** (Allied HCP)  
Uganda



**Dr Anders Barasa**  
Denmark

**Clovis Nkoke** (Cardiologist)  
**Ntoubé Nkwelle** (Allied HCP)  
Cameroon

**Uzoma Okechukwu** (Cardiologist)  
**Ozougwu Augustine** (Allied HCP)  
Nigeria

**Isa Oboirien** (Cardiologist)  
**Muntaka Galadima** (Allied HCP)  
Nigeria

**Pamela Chansa** (Cardiologist)  
**Grace Gondwe** (Allied HCP)  
Zambia

# COURSE FACULTY - A Global Village



**Prof Mahmoud Sani**  
Nigeria



**Dr Anders Barasa**  
Denmark



**Prof Albertino Damasceno**  
Mozambique



**Prof Karen Sliwa**  
South Africa



**Prof Zaheer Yousef**  
Wales



**Dr Yacoub Musa**  
Sudan



**Prof Sulafa Ali**  
Sudan



**Dr Saad Subahi**  
Sudan



**Prof Ana Mocumbi**  
Mozambique



**Prof Liesl Zühlke**  
South Africa



**Prof Anastase Dzudie**  
Cameroon



**Prof Mpiko Ntsekhe**  
South Africa



**Prof Kamilu Karaye**  
Nigeria



**Dr Blanche Cupido**  
South Africa



**Prof Morten Schou**  
Denmark



**Prof Alan Fraser**  
Wales



**Prof Elijah Ogola**  
Kenya



**Prof Dike Ojji**  
Nigeria

# COURSE FACULTY



**Dr Okechukwu Ogah**  
Nigeria



**Prof Ntobeko Ntusi**  
South Africa



**Dr Amin Ahmed**  
Sudan



**Dr Mzee Ngunga**  
Kenya



**Prof Nicholas Wettersten**  
United States of America



**Prof John McMurray**  
United Kingdom



**Prof Mehdi Zogli**  
Turkey



**Dr Nqoba Tsabedze**  
South Africa



**Dr Abdelmagid Mukhtar**  
Kingdom of Saudi Arabia



**Prof Jorge Polonia**  
Portugal



**Prof Friedrich Thienemann**  
Switzerland



**Prof Atul Malhotra**  
United States of America



**Sr Ann Parkes**  
Wales



**Dr Nasrein Elgasim**  
Sudan



**Sr Ann Jermyn**  
Wales

# COURSE FACULTY



**Ms Mona Hassan Elmisbah**  
Sudan



**Dr Sarah Kraus**  
South Africa



**Ms Sara Abd Alaleem Balal**  
Sudan



**Sr Trudy Logue**  
Wales



**Razaz Abdelrahman  
Ebrahim Dirar**  
Sudan



**Sr Julie Philips**  
Wales



**Prof Michel Burnier**  
Switzerland



**Sr Hayley Rose**  
Wales



**Aljawhara Salah  
Ibraheem Noory**  
Sudan



**Sarah James**  
Wales



**Prof Amam Mbakwem**  
Nigeria



**Dr Clea Atkinson**  
Wales



**Ms Raga Khalil Abdalla Musa**  
Sudan

# CANDIDATE CASE PRESENTERS



**Dr Ido Ukpeh**  
Nigeria



**Dr George Otieno**  
Kenya



**Dr Aliou Ngaide**  
Senegal



**Dr Stephen Omondi**  
Kenya



**Dr Lambert Appiah**  
Ghana



**Dr Tsungai Chipamaunga**  
Zimbabwe



**Dr Neusa Jessen**  
Mozambique



**Dr Uzoma Okechukwu**  
Nigeria



**Dr Pamela Chansa**  
Zambia



**Dr Sarah Hamid Musa**  
Sudan



**Dr Josephine Achan**  
Uganda



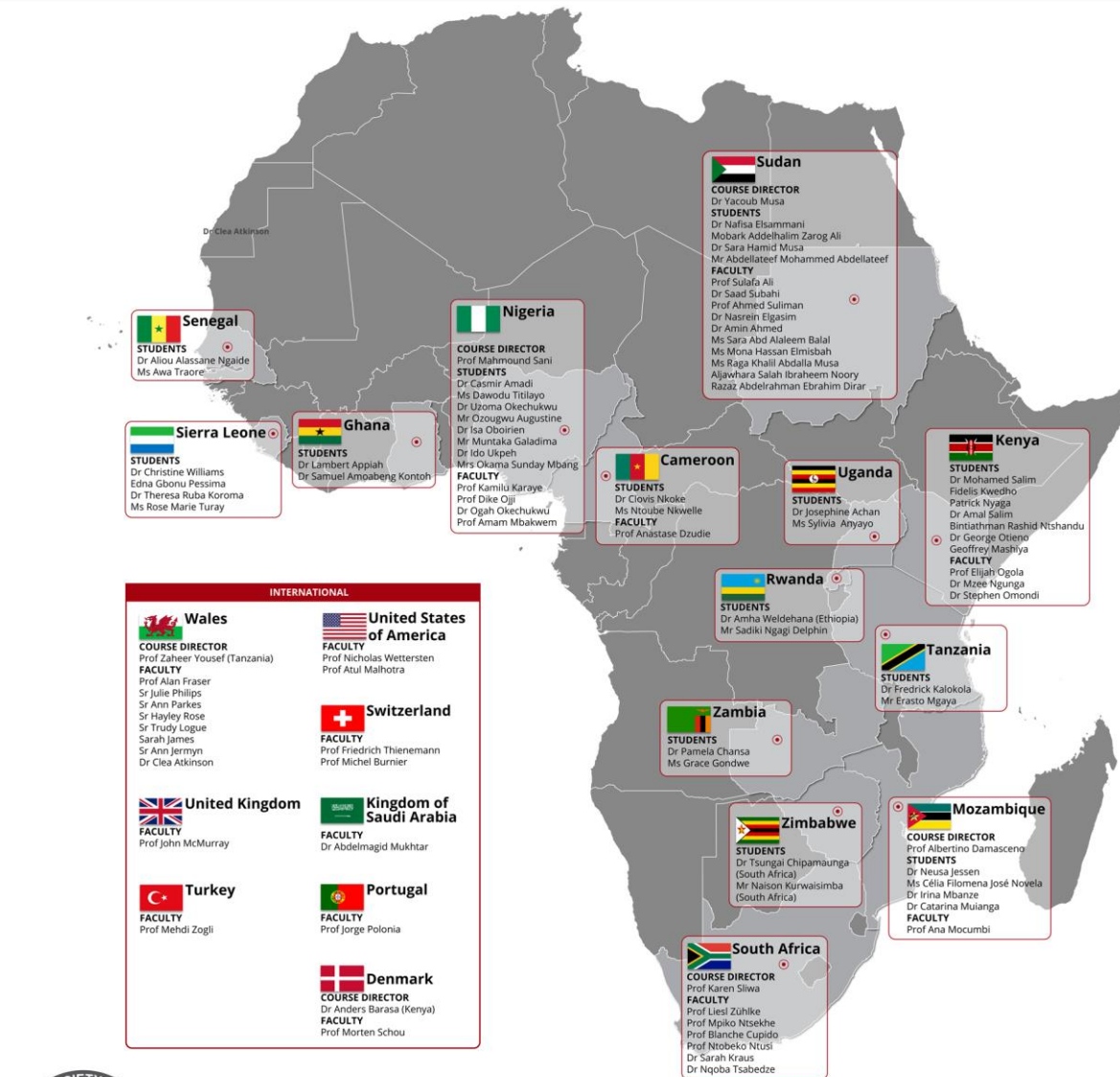
**Dr Amha Weldehana**  
Rwanda



**Dr Amal Salim**  
Kenya



# PASCAR Africa Heart Failure Course 2021 – Global Collaboration



# Module 1 Course Sessions

*This virtual course included more than 50 hours of didactic talks, interactive discussions and debates.  
Case presentations by candidates are critically reviewed by mentors and peers.*

## Terminologies and Pathophysiology

Module 1 - Session 1	27 March 2021		09:00 – 17:00
Convener: Prof Mahmoud Sani	28 March 2021		14:15 – 17:00

## Biomarkers & Imaging in HF in Sub-Saharan Africa

Module 1 - Session 2	24 April 2021		09:00 – 16:00
Convener: Dr Anders Barasa	25 April 2021		14:00 – 17:00

## Drug Therapy in HF

Module 1 - Session 3	29 May 2021		09:00 – 16:00
Convener: Dr Yagoub Musa	30 May 2021		14:00 – 17:00

# Module 1 - Course Sessions

*Each Session's learning is entrenched by the availability of online study material and lecture recordings followed by automated MCQ Evaluation, requiring a 70% pass rate.*

## HF and Co-Morbidities

Module 1 – Session 4	26 June 2021		09:00 – 16:00
Convener: Prof Albertino Damasceno	27 June 2021		14:00 – 17:00

## Multi-Disciplinary Approach to HF

Module 1 – Session 5	31 July 2021		09:00 – 16:00
Convener: Prof Zaheer Yousef	1 August 2021		14:00 – 17:00

## Feedback Session and Essay Writing Guidance

Module 1 – Session 6	5 September 2021		14:00 – 16:30
Convener: Prof Karen Sliwa			



**Cohort 2021 - Quality Improvement Research Project**  
March to November 2021



**Cohort 2021 - Joint PASCAR and KCS Congress 2021**  
22 – 25 November



**Cohort 2021 - Cardiff University Training**  
July 2022





# Quality Improvement Research Project

## PASCAR Africa Heart Failure Course 2021 - Module 3

The title of the project will be: **“A description of my current HF landscape and evidence-based approach to improve services”**

Mentors provide support throughout the process and will grade submissions from candidates from another mentor group.

In the essay, candidates will describe their current heart failure service; compare their existing service with best practice and guidelines; identify gaps and at least 2 realistic improvements they would plan to implement at in their institute.

**All course candidates and mentors will attend the Joint PASCAR and Kenyan Cardiac Society Congress 2021 in Mombasa, Kenya (22 – 25 November) for further face-to-face training, networking and selected cases will be presented.**



## Cardiff University Training (July 2022)

# PASCAR Africa Heart Failure Course 2021 - Module 2

This 5-day training module at the well-established heart failure centre at **Cardiff University** provides an opportunity for candidates to experience the working of a “mature” heart failure service.

This includes organisational set-up, seamless care pathways, multi-disciplinary team working and integration with research activities.

The module will consist of observational sessions, workshops, seminars, and role play (communication skills and end-of-life care).



**Due to travel restrictions, this Module is planned to take place in July 2022**



## **PASCAR Africa Heart Failure Course 2022**

**Call for Application December 2021**

**Candidate Selection by end January**



## **Cohort 2022 - Course Module 1**

**End March 2022**



## **Cohort 2022 - Cardiff University Training**

**July 2022**



# **PASCAR Africa Heart Failure Course 2021**

## **Module 1 – Feedback Video**