13\textsuperscript{th} October 2015


1. Attendees:

   - Dr OS Ogah (Nigeria)
   - Dr C Musoke (Uganda)
   - Prof A Mocumbi (Mozambique)
   - Prof E Ogola (Kenya)
   - Prof G Yonga (Kenya)
   - Dr A Dzudie (Cameroon)
   - Dr N Ngoyumba (Cameroon)
   - Prof S Stewart (Australia)
   - Dr S Kraus (South Africa)
   - Dr A Makubi (Tanzania)
   - Prof J Makani (Tanzania)
   - Dr K Tibazarwa (Tanzania)
   - Dr R Mvungi (Tanzania)
   - Prof S Ba (Senegal)
   - Prof A Mbakwam (Nigeria)
   - Prof M Sani (Nigeria)
   - Dr D Oji (Nigeria)
   - Dr K Lamont (South Africa)
   - Dr F Alli (Nigeria)
   - Dr F Okafo (Nigeria)
   - Dr R Stafford (Tanzania)

   - Dr M R Akpa (Nigeria)
   - Dr S Oganda Omandi (Kenya)
   - Prof K Karaye (Nigeria)
   - Dr D Rikesh
   - Dr S Bhagia (Mauritius)
   - Prof J Brink (South Africa)
   - Dr N Ntusi (South Africa)
   - Prof G Sanjay (Kenya)
   - Dr L Aminde (Cameroon)
   - Prof M Joshi (Kenya)
   - Dr J Namuyonga (Uganda)
   - Prof K Karaye (Nigeria)
   - Prof B Onwubere (Nigeria)
   - Dr G Lim (UK)
   - Dr H Otieno (Kenya)
   - Dr P Tabansi (Nigeria)
   - Prof A Elsayed (Sudan)
   - Dr S Ofori (Nigeria)
   - Dr U Onubogu (Nigeria)
   - Dr T Olunuga (Nigeria)
   - Prof W Sadoh (Nigeria)
Dr C Longenecker (USA)
Dr E Bertraud (Congo)
Dr E Umuerri (Nigeria)
Dr E Manuthu (Kenya)
Prof B Rayner (South Africa)
Dr Y Trinder (South Africa)
Dr S Subahi (Sudan)
Dr A Bonny (Cameroon)
Dr G Karthikeyan (India)
Dr A Mbakem (Nigeria)
Prof J Brink (South Africa)
Dr M Twagirimukiza (Rwanda)
Dr K Indur (Mauritius)
Dr G Ochieng (Kenya)
Dr M Bhaya (Mauritius)
Dr O Shamillol (Mauritius)
Dr M Ramburn (Mauritius)
Dr S Dosieah (Mauritius)
Dr D Chellen (Mauritius)
Prof S Shaheen (Egypt)
Dr M Domah (Mauritius)
Dr S Bucktoward (Mauritius)
Dr W Sugutt (Kenya)
Dr D Grossman (USA)
Dr N Mbuwayesango (Zimbabwe)
Dr B Simmah (Mauritius)
Dr K Bundhoo (Mauritius)
Dr M Nimburanira (Burundi)
Dr M Goepamang (Botswana)
Dr K Kouadio Euloge (Cote d'Ivoire)
Dr T Nuckchady (Mauritius)
Dr S Aubdool-Essackjee (Mauritius)
Dr U Ramjutun (Mauritius)
Dr A Calcuttea (Mauritius)
Dr M Jhowry (Mauritius)
Dr V Bunjun (Mauritius)
Dr V Bhowon (Mauritius)
Dr P Chillo (Tanzania)
Dr F Ba (Mauritania)
Dr A Sims (USA)
Dr F Mushabati (Zambia)
Dr K Lamont (South Africa)
Dr D Matheka (Kenya)
Dr F Sabri (Morocco)
Dr S Dodiyi-manuel (Nigeria)
Dr R Stanley (Nigeria)
Dr E Onubuya (Nigeria)
Dr E Bertrand (Republic of Congo)
Prof C Yuko-Jowi (Kenya)
Dr B Lavan (UK)
Dr A Chin (South Africa)
Dr C Hugo-Hamman (South Africa)
Dr B Anisiuba (Nigeria)
Prof M Nsekhe (South Africa)
Dr F Peters (South Africa)
Dr S Yusuf (Canada)
Dr R Dayal (Mauritius)
Dr T Crawford (USA)
Dr R Mvungi (Tanzania)
Dr K Herberigs (Netherlands)
Dr S Omandi (Kenya)
Dr M Sorefan (Mauritius)
Dr S Seeno (Mauritius)
Dr A Mackenzie (Kenya)
Dr A Ackbarkhan (Mauritius)
Dr R Jegessur (Mauritius)
Dr K Ramjane (Mauritius)
Dr S Reebye (Mauritius)
Prof S Guness (Mauritius)
Dr K Surrant (Mauritius)
Dr J Adesina (Nigeria)
Dr S Imran (United Emirates)
Dr F Moussa (Mauritius)
Dr A Fagooone (Mauritius)
Dr S Khan (South Africa)
Dr A Barasa (Kenya)
Dr M Fernandes (Angola)
Dr N Moohabeer (Mauritius)
Dr S Sungkurf (Mauritius)
Dr V Seeram Indur (Mauritius)
Dr U Gungapersand (Mauritius)
Dr N Ntep Gweth (Cameroon)
Dr J Akamah (Ghana)
Dr A Yearoo (Mauritius)
Dr R Mutagaywa (Tanzania)
Dr S Ramdhany (Mauritius)
Dr K Babakal (Senegal)
Dr L Mutai (Kenya)
Dr J Musuku (Zambia)
Dr N Tulloch (USA)
Dr J Okeniye (Nigeria)
Dr J Ogbemudia (Nigeria)
Dr A Osarumme (Nigeria)
Dr B Otaigbe (Nigeria)
Dr J Ikhidero (Nigeria)
Dr C Anjorin (Nigeria)
Dr O Familione (Nigeria)
Dr F Aigbe (Nigeria)
Dr N Obeka (Nigeria)
Dr M Awad (Sudan)
Dr P Lwabi (Uganda)
Dr Z Yousef (UK)
Dr M Kango (Ethiopia)
Prof G Yonga (Kenya)
Ms H Moloi (South Africa)
Mr C Raya (South Africa)
Dr F Aigbe (Nigeria)
Dr E Ekure (Nigeria)
Dr H Bala (Nigeria)
Dr M Abelson (South Africa)
Dr O Familone (Nigeria)
Dr I Okoye (Nigeria)
Dr R Adebayo (Nigeria)
Dr S Omokhodion (Nigeria)
Dr O Familone (Nigeria)
Dr I Okoye (Nigeria)
Dr R Adebayo (Nigeria)
Dr S Omokhodion (Nigeria)

2. Apologies:
Prof B Mayosi (South Africa)
Dr E Klug (South Africa)
Dr K Kouam (Cameroon)
Dr M Janabi (Tanzania)
Prof C Mondo (Uganda)
Dr L Zuhlke (South Africa)
Dr J Lwakatare (Tanzania)
Prof A Damasceno (Mozambique)
Dr F Thieneman (South Africa)
Dr G Cotter (USA)
Dr T Lachmann (South Africa)

Mrs T Stewart (Australia)
Ms H Moloi (South Africa)
Dr C Longenecker (USA)
Dr R Stafford (Tanzania)
Mr A Saula (Ghana)
Dr F Ali (Nigeria)
Mrs A van Wamelen (South Africa)
Mr P Machika (South Africa)
Dr J Akamah (Ghana)
Ms K Sooprayen (Mauritius)
Mr I Jodhun (Mauritius)
Mr K Weatherwax (USA)
Mr V Seeqoolam (Mauritius)
Mr J Joubert (South Africa)
Ms W Watton (South Africa)
Mr A Luchmun (Mauritius)
Mrs S Pengwah (Mauritius)
Mr S Naga (Mauritius)
Mr J Espiegle (Mauritius)
Mrs P Lokuge (USA)
Ms J Markbeiter (Switzerland)
Mr R Daniels (South Africa)
Mrs N Parsad (Mauritius)
Ms B Kaleeanee ((Mauritius)
Mr Y Higuchi (South Africa)
Ms P Maritim (Kenya)
Mr J Van Dam (USA)
3. Overview:
Prof. Karen Sliwa (chair) welcomed all participants and read apologies.

Prof. Sliwa provided an overview of the activities of the PASCAR HF task force group over the past 2 years. She gave feedback from the PASCAR Heart Failure Task Force Group meeting in Maputo, Mozambique, March 2014 and March 2015 and the lecture series held in Maputo on these occasions covering data from the THESUS acute heart failure cohort study, atrial fibrillation, heart failure in the young as well as an update on heart failure occurring in pregnancy.

At the PASCAR Heart Failure Task Force meeting in Maputo it was again highlighted that heart failure is a common and serious problem in Africa due to rheumatic heart disease, cardiomyopathy and poorly managed hypertension. In the 13 October 2015 past decade, members of our team have reported substantially on this topic. However, we have decided to formalize the way of addressing this syndrome by targeted interventional studies.

Prof. Sliwa also congratulated team member Dr.Ojji for successfully completing his PhD on hypertensive heart failure and remodeling in 2013 via the University of Cape Town (supervisor Prof. Sliwa and Prof. Lecour) and Dr.Kemi Tibazarwa for obtaining her PhD at the University of the Witwatersrand in 2013 (supervisor Prof. Sliwa and Prof. Mayosi). Others members of the Heart Failure task force team, Dr. O. Ogah (supervisor Prof. Sliwa, Prof. Falase and Prof. Stewart) and Dr. A. Dzudie (supervisor Prof. Sliwa and Prof Kenge) have also completed their PhD projects in 2015.

4. BA-HEF study:
Prof. Sliwa presented on behalf of all the participants and co-authors of a submitted paper the results of the study:

**Bi treatment with hydralazine/nitrates versus placebo in Africans admitted with acute Heart Failure (BA-HEF)**
Karen Sliwa, Albertino Damasceno MD, Beth A Davison, PhD; Bongani M Mayosi; Mahmoud U Sani; Okekuchwu Ogah; Charles Mondo; Dike Ojji; Anastase Dzudie; Charles Kouam Kouam; Gerald Yonga; Sergine Abdou Ba; Elijah Ogola; Christopher Edwards; Gad Cotter,

The results of this important study as well as the reasons for the termination were discussed by the group.

5. Heart of Africa book:
Prof. Simon Stewart (Catholic University Australia and visiting Professor, Hatter Institute, University of Cape Town) presented the outline of the PASCAR Heart of Africa book, which will summarise key publications (from the last decade) originating from Africa. This will cover the conditions that are particularly common to this continent such as hypertension, rheumatic heart disease, peripartum and other cardiomyopathies, tuberculous pericarditis, pulmonary hypertension and other conditions.

Funding for the book has been obtained from the Baker IDI, Melbourne, Australia (Prof Simon Stewart). This funding will cover the cost of 100 hard copies, as well as electronic copies as discussed previously with Prof Bongani Mayosi, President of PASCAR, and the Executive Committee the book should be downloadable from the PASCAR website for a nominal fee, which could contribute to the PASCAR travel scholarship.
6. The African Heart Failure Management Study

The team had discussions on the next project ‘The African Heart Failure Management study’ which aims to study a nurse-led and sms supported approach versus standard care in patients discharged with the diagnosis of heart failure from a hospital. It was agreed that a simple survey collecting information on how heart failure is managed as well as information on the facilities in the different African countries would assist with the planning of the study. Prof. Sliwa has agreed to draft the survey questions which would be circulated by Mrs. Olivia Briton within the next 4 weeks. Dr. Gad Cotter and Dr. B Davison have indicated previously that the African Heart Imitative might be able to support this new project. However, further funding would need to be raised by grant support.

7. Fundraising for the PASCAR HF symposium in 2016

The task force members have indicated interest in a 1 day PASCAR GF symposium, been held in 2016. That could possibly a stand-alone meeting or in conjunction with another cardiac conference. Prof. Sliwa has agreed to meet with George Nel, the appointed manager of PASCAR and Prof. Mayosi for a jointed fund-raising for this activity.

8. Group picture

The meeting ended with general discussion on future activities and a group picture.

Standing: Left – Right
Dr Abel Makubi, Dr. Suresh Bhagia, Prof Simon Stewart, Dr Sandra Ofori, _____, Prof Mpikho Ntseke, Dr Maclean Akpa, Dr Notbeko Ntusi, Dr Sarah Kraus, Prof Serigne Ba, Dr. Nilesh Mohabeer, Prof Karen Sliwa, George Nel, Dr Ana Macumbi, Dr. Bundhoo, Dr Okechukwu Ogah, Dr Anastase Dzudie, Prof Mahmoud DSani, Prof Amam Mbakwem, Prof Elijah Ogola, Dr. Bhowon, Mrs. Woozager, Dr Dike Ojji, Dr. Leopold Aminde, Dr. Usha Devi Gungapersand, _____, Dr Judith Namuyonga, Dr. Dharmendra Sookur, Dr. Rikesh Dayal, Dr Kemi Tibazarwa, Dr Sanjay Bucktowar.

Prepared by: Prof Karen Sliwa