

# **AFRICA STEMI LIVE**



**WEDNESDAY APRIL 24TH**

TIME / ROOM	08:00	08:30	09:00	09:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00	19:30	20:00
VICTORIA ONE	CONTRAST ECHOCARDIOGRAPHY COURSE																								
VICTORIA TWO	ACUTE CARDIOVASCULAR CARE AND EMERGENCIES COURSE																								
VICTORIA THREE																									
KIFARU							HOW TO DO: PERIPHERAL INTERVENTION				HOW TO DO: TRANS-SEPTAL PUNCTURE				SUDDEN CARDIAC ARREST ROUNDTABLE										
NYATI									RESEARCH IN AFRICA HOSTED BY EHI										THE BEST CLINICAL CASES						
VIP												SIMULATOR PCI													

**THURSDAY APRIL 25TH**

TIME / ROOM	08:00	08:30	09:00	09:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00	19:30	20:00
VICTORIA ONE	PLENARY - STEMI Live!						PLENARY - CARDIAC ARREST AND SHOCK						PLENARY - HEART FAILURE						PLENARY - DEVICES						
VICTORIA TWO																									
VICTORIA THREE															ACUTE CARDIOVASCULAR CARE WORKSHOPS - ECG IN ACE, HOW TO THROMBOLYSE, HOW TO RESUSCITATE										
KIFARU																									
NYATI											THE BEST CLINICAL CASES				HOW TO DO: BASIC PCI										
VIP	CONTRAST ECHOCARDIOGRAPHY COURSE HANDS-ON																								

**FRIDAY APRIL 26TH**

TIME / ROOM	08:00	08:30	09:00	09:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00	19:30	20:00
VICTORIA ONE	PLENARY - CCU Live! DAR ES SALAAM			PLENARY - ANGINA			PLENARY - HYPERTENSION, CHOLESTEROL AND STROKE			KEYNOTE FROM ESC PRESIDENT			THE WEIRD AND WONDERFUL CARDIOLOGY SHOW				PLENARY - OBESITY								
VICTORIA TWO																									
VICTORIA THREE															ACUTE CARDIOVASCULAR CARE WORKSHOPS - POINT OF CARE ULTRASOUND WITH REAL PATIENTS										
KIFARU															MEDIA BRIEF										
NYATI							ABSTRACTS				THE BEST CLINICAL CASES			HOW TO DO: LBB AREA PACING			HOT TO DO: ADVANCED PCI								
VIP							SIMULATOR TAVR						SIMULATOR CRT												

**SATURDAY APRIL 27TH**

TIME / ROOM	08:00	08:30	09:00	09:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00	19:30	20:00
VICTORIA ONE	THE HEART CLINIC						THE HEART CLINIC						THE HEART CLINIC												
VICTORIA TWO	CARDIOVASCULAR INTERVENTION AFRICA						CARDIOVASCULAR INTERVENTION AFRICA						CARDIOVASCULAR INTERVENTION AFRICA												
VICTORIA THREE or AKUH	ADVANCED CARDIAC LIFE SUPPORT CERTIFICATE COURSE						ADVANCED CARDIAC LIFE SUPPORT CERTIFICATE COURSE						ADVANCED CARDIAC LIFE SUPPORT CERTIFICATE COURSE												
KIFARU																									
NYATI																									
VIP	SIMULATOR PAD																		THE BEST CLINICAL CASES						

## SESSIONS ON WEDNESDAY APRIL 24<sup>TH</sup>

1. Contrast [Echocardiography](#) Course – Didactic Day One
2. Acute [Cardiac Emergencies](#) Course – Didactic Day One
3. School Of Intervention
  - How To Do [Peripheral Artery Intervention](#)
  - How To Do [Trans-Septal Puncture](#)
4. Round Table Meetings (Invitation Only)
  - [Cardiovascular Research in Africa](#)
  - [Sudden Cardiac Arrest in Africa](#)
5. [The Best Clinical Cases Submitted \(Part 1\)](#)
6. Simulator Room
  - Percutaneous Coronary Intervention (Mazen Albaghdadi)

## SESSIONS ON THURSDAY APRIL 25<sup>TH</sup>

7. [The Plenary Program - Heart-Of-Africa Congress](#)
8. Contrast Echocardiography Hands-on (Limited numbers)
9. [The Best Clinical Cases Submitted \(Part 2\)](#)
10. [Acute Cardiac Emergencies Course Workshops](#) – Focus On The ECG In Acute Cardiac Emergencies, How To Administer Thrombolysis And First Responder Priorities
11. School Of Intervention
  - [How To Do Percutaneous Coronary Intervention](#)
12. [Round Table: Quality and Access in Echo in Africa \(Invitation Only\)](#)

## SESSIONS ON FRIDAY APRIL 26<sup>TH</sup>

13. [The Plenary Program – Heart-Of-Africa Congress](#)
14. [The Moderated Abstracts](#)
15. [The Best Clinical Cases Submitted \(Part 3\)](#)
16. Acute Cardiovascular Care Course Workshops – Focus On POCUS
17. School Of Intervention
  - How To Do: [LBB Area Pacing](#)
  - How To Do: [Advanced PCI](#)
  - Simulator TAVR (Etienne Amendeezo)
  - Simulator CRT (Muzahir Tayebjee)

## SESSIONS ON SATURDAY APRIL 27<sup>TH</sup>

18. [The Heart Clinic](#) – Ambulatory Cardiology For Doctors and Cardiac Nurses and Technicians
19. [Cardiovascular Intervention Africa](#)
20. Simulator: Peripheral Artery Disease Intervention (Mustafa Musajee)
21. [Advanced Cardiac Life Support \(ACLS\) Certified Course](#)
22. [The Best Clinical Cases Submitted \(Part 4\)](#)

WEDNESDAY APRIL 24<sup>TH</sup>

1. Contrast Echocardiography Course
2. Acute Cardiac Emergencies Course
3. School Of Intervention
  - a. How To Do Peripheral Artery Intervention
  - b. How To Do Trans-Septal Puncture
4. Round Table Meetings (Invitation Only)
  - a. Cardiovascular Research in Africa
  - b. Sudden Cardiac Arrest in Africa
5. The Best Clinical Cases (Part 1)
6. Simulators
  - a. Peripheral Artery Disease Intervention
  - b. Percutaneous Coronary Intervention

# 1. Contrast Echocardiography Course

**An africaSTEMI course intended for cardiologists, cardiac sonographers and physicians who have a passion for echo and imaging.**

Case based clinical echocardiography teaching with an emphasis on myocardial wall motion and cardiac function assessment in coronary artery disease, chest pain syndromes and complications of myocardial infarction. Case examples you will have never seen before with a world leading faculty! This year's course focuses on the use of contrast in ecboardiography and addresses any misconceptions about contrast technologies. This will be the first ever course on contrast echo in Africa.

	WEDNESDAY APRIL 24 <sup>th</sup> 2024 CONTRAST ECHO LIVE!	
0800	Introduction – Why this course. Advancing your echo practice and pushing the boundaries	Bernard Samia, Kenya
0830	The fundamentals of contrast echo <ol style="list-style-type: none"> <li>1. Indications, contraindications, drawbacks, uses, contrast types and preparation/formulations, consent</li> <li>2. How to implement contrast in an echo lab</li> <li>3. Settings on echo machine</li> <li>4. Live demo with hands on</li> </ol>	Jonathan Lindner, USA (Live Case Sonographer Mike Foster)  Panelist: Mzee Ngunga, Kenya
1000	Wall motion assessment using contrast	Hasham Varwani Canada/Kenya (v)
1030	Tea break	
1100	Assessment of LV aneurysm and LV thrombus with contrast	Jonathan Lindner, USA
1130	How to perform stress echo with contrast and without contrast	Debra Isaac, Canada
1230	Lunch	
1300	Debate: Contrast echo vs Cardiac radiology (MRI/CT) for LV thrombus in Africa (10 minutes each speaker)	Echgo: Hasham Varwani, Kenya MRI/CT: Cynthia Sempole, Kenya Final word: Ntobeko Ntusi, South Africa
1400	Myocardial contrast perfusion – applying the fundamentals	Jonathan Lindner, USA
1430	Contrast “Zebras” – interesting and instructive cases	Vince Sorrel, USA (v)
1500	Interactive Q&A	
1515	ACS mimickers on echo with and without contrast	Vince Sorrel, USA (v)
1545	Tea break	
1600	Using agitated saline contrast in transthoracic and transesophageal echo: step by step	Sheila Klassen, USA
1640	Post-course assessment and certificates	

## 2. Acute Cardiac Emergencies Course

**A course intended for primary care doctors, physicians in internal medicine and doctors in the emergency setting.**

Acute cardiac emergency scenarios taught through case scenarios, enhanced by hands on simulation training and emphasized by utilization of point-of-care ultrasound.

### **Key topics covered**

1. Acute Heart Failure
2. Acute Chest Pain
3. Acute Pulmonary Embolism
4. Hypertensive Crisis
5. Management of Tachycardias
6. Management of Bradycardias
7. Cardiac Tamponade

### **Objectives: At the end of the course, the clinician will be able to**

1. Recognise important acute cardiac conditions in primary care/outpatient/emergency department setting (presentation, symptoms, vital signs)
2. Build a differential diagnosis in primary care/outpatient/emergency setting
3. Build competence in ECG and Point of care ultrasound (POCUS) as central diagnostic tools for all cadres of clinician
4. Utilize and interpret blood tests and imaging in the evaluation of all acute cardiac conditions
5. Understand and outline treatment and best practice in both resource-rich and resource constrained settings.

Bonus: Full ACLS/BLS certification following completion of assessment and simulators (at a heavily subsidised cost).

<b>TIME</b>	<b>TITLE OF THE TALK</b>	<b>DISCUSSANTS AND MODERATORS</b>
0800	An introduction to a new paradigm of collaborative learning	Drs. Parag, Gikonyo, Jeilan, Adams
0915	How to approach chest pain in A&E - Acute Coronary Syndromes	Drs. Priyanka, Adams, Gikonyo, Parag
1030	Time to stretch yourselves! BREAK	
1100	How to approach a patient with shortness of breath in A&E - Acute Decompensated Heart Failure	Dr. Akshay Dr. Kimani Dr. Munguti
1220	Do not be fooled by the great masquerader	Dr. Fred

	- Pulmonary Embolism	Dr. Odhiambo Dr. Mzee
1300	Time to rejuvenate yourselves! LUNCH	
1400	How to assess and treat a clinically unstable patient with a slow pulse - Bradyarrhythmias	Dr. Soud, Dr. Khuzeima, Charles, Hellen, Adams, Parag
1445	If it is fast and unstable, then what do I do? - Tachyarrhythmias	Dr. Soud, Dr. Khuz, Charles, Hellen, Adams, Parag
1530	Q&A Industry sponsored session regarding anti-thrombotic therapy	
1600	Time to stretch yourselves! BREAK	
1610	Oh no! Another patient who is short of breath and hypotensive, but does not have a MI or PE! - Cardiac Tamponade	Drs. Hussein, Adams, Nyamu, Githura
1610	An extremely hypertensive patient is in A&E, is it life threatening? - Hypertensive urgency - Hypertensive emergency - Acute aortic syndromes	Drs. Hussein, Adams, Nyamu, Githura
1745	Preparation for hands on training	Dr. Parag

### 3. School Of Intervention

#### a. How To Do Peripheral Arterial Disease Intervention

#### b. How To Do Trans-Septal Puncture

	WEDNESDAY APRIL 24 <sup>th</sup> 2024 HOW TO: PERIPHERAL ARTERIAL DISEASE INTERVENTION	
1100	Objectives of the session - Indications, contraindications and limitations of peripheral intervention	Mustafa Musajee, Kenya
1110	Medical therapy before and during the procedure	Hardeep Gill, Kenya
1125	Access and closure techniques	Hany Zayed, UK (v)
1155	Demonstration of U/S guided access and closure devices	Naushad Karim, Kenya Hardeep Gill, Kenya Mustafa Musajee, Kenya
1210	Crossing the lesion, wire and catheter choices	Hany Zayed, UK (v)
1230	What equipment should be used on which patient and how (Stent: self-expanding/ Balloon/ atherectomy/IVL) – evidence supported treatment for CLI	Narayan Thulasidasan, UK (v)
1300	Post-procedure care	Hardeep Gill, Kenya
1315	Complications	Becky Sanford, UK (v)
1330	Pearls from the panel and simulator session registration	Faculty
1335	LUNCH	

	WEDNESDAY APRIL 24 <sup>th</sup> , 2024 HOW TO: TRANS-SEPTAL PUNCTURE	
1430	Objectives of the session	Sajidah Khan, South Africa
1435	Indications for trans-septal puncture	Sajidah Khan, South Africa
1440	Preparing the patient for trans-septal puncture	Muzahir Tayebjee, UK
1445	Important anatomy of the inter-atrial septum	Sajidah Khan, South Africa
1450	Access and closure (safe femoral puncture techniques)	Ijeoma Ekeruo, USA
1500	Fluoroscopy guided trans-septal puncture in normal cardiac anatomy and in patients with rheumatic heart disease	Muzahir Tayebjee / Sajidah Khan
1530	TOE-guided trans-septal puncture	Ijeoma Ekeruo, USA
1545	Complications	Habib Gamra, Tunisia
1600	Pearls from the panel	Christine Jowi, Kenya



#### 4. ROUND TABLE MEETINGS (INVITATION ONLY)

##### a. CARDIOVASCULAR RESEARCH IN AFRICA

	WEDNESDAY APRIL 24 <sup>th</sup> 2024 AFTERNOON CARDIOVASCULAR RESEARCH IN AFRICA	
	George Nel, Debra Isaac, Jasmeet Shah, Constantine Akwanalo, Lilian Muga, Felix Barasa, Bernard Gitura, Emmy Okello, Pedro Pallangyo, Martin Murage, Mohamed Janaby, Nadeem Kassam, Oladipupo Olafiranye, Selma Mohammed, Lydia Kaduka, AJ Hale, Cheryl Kerama, Thomas Crawford, Nadeem Kassam, Ntobeko Ntusi, Sayed Karar	
	The European Heart Journal Session	
1200	The Best 15 Abstracts of AfricaSTEMI 2024 – Entry 1 to 5	Emmy Okello, Chris Granger, Habib Gamra
1300	Best of The European Heart Journal 2023/2024	Filippo Crea, Italy (v)
1310	Best of The Cardiovascular Journal of Africa 2023/2024	Patrick Commerford, South Africa (v)
1320	The Best African Publications in 2023	Elijah Ogola, Kenya
1330	Geographic distribution of publications on the African continent during the last 10 years	Habib Gamra, Tunisia
1340	Panel discussion	Bernard Gersh, USA
	George Mensah's Address	
1400	Supporting Health Research Capacity in Africa: A Decade of Progress at NIH/NHLBI	George Mensah, USA (v)
1420	Audience discussion: Research gaps, critical challenges, unaddressed scientific questions, how attendees at this meeting can contribute to capacity building for clinical research and practice, Next steps	Panel (moderated by Mohamed Janaby and Nadeem Kassam)
1445	The future of CV research in sub-Saharan Africa	Ntobeko Ntusi, South Africa
1500	The Best 15 Abstracts of AfricaSTEMI 2024 – Entry 6 to 15	
1700	Judging panel and end of session	Emmy Okello, Felix Barasa, Chris Granger

## b. SUDDEN CARDIAC ARREST IN AFRICA

	WEDNESDAY APRIL 24 <sup>th</sup> 2024 AFTERNOON ROUNDTABLE ON SUDDEN CARDIAC ARREST IN AFRICA	
	Emmanuel Edafe (Nigeria), Jean Wanjema (Kenya), Ben Wachira (Kenya), Seifu Chiri (Ethiopia), Leandre Nsanzumuhire (Rwanda), Willy Mucyo (Rwanda), Fifi Asamoah (Ghana), Brian Vezi (South Africa), Chris Granger (USA), Brian Vezi (South Africa), Peris Asenji (Kenya), Philipa Mutua (Kenya), Yvette Kiseka (Kenya), George Longopa (Tanzania), Jose Roberto dos Santos (Angola), Jean Wanjema (Kenya), James Kayima (Uganda), Simon Mwaura (Kenya), Carol Petua Akinyi (Kenya), Anastase Dzudie (Cameroon)(v), Salah Mohamed, Sudan	
	Out-of-hospital Cardiac Arrest and the General Public in Africa	Carolina Mata Hansen Denmark, Albert Nyanga, Cameroon, Jean Wanjema, Kenya
1700	Epidemiology of cardiac arrest in Africa and outcomes. Do we need to establish a cardiac arrest registry in low-resource communities.	Anastase Dzudi, Cameroon (v)
1710	Do people know how to recognize a cardiac arrest and what to do?	Parag Patel, USA
1720	What is the prehospital set up in Kenya including dispatch-assisted CPR and pre-hospital defibrillation	Peris Asenji, Kenya
1740	What is the pre-hospital set up for sports events, any AEDs?	Carol Petua Akinyi, Kenya
1750	Question and Answer session	Ben Wachira, Kenya
1800	Who is training the public in resuscitation in Ghana (2 slides)	Kofi Tekyi Asamoah, Ghana
1810	What is the setup for prehospital defibrillation in Nigeria (2 slides)	Emmanuel Edafe, Nigeria
1820	What happens when someone is successfully resuscitated in Uganda (2-3 slides)	<b>James Kayima, Uganda</b>
	Pre-hospital treatment of Cardiac Arrest	
1830	<i>How to improve pre-hospital treatment in Kenya (Full presentation)</i>	Ben Wachira, Kenya
1845	<i>How to improve pre-hospital treatment in Angola (2 slides)</i>	Jose Roberto dos Santos, Angola
1850	What we have done in India – the recently launched India HRS initiative on resuscitation	Aparna Jaswal, India
1900	Audience participation session – what are the priorities?	Full panel of speakers
	In-hospital Cardiac Arrest in Africa	
1930	<i>In-hospital cardiac arrest in Uganda (2 slides)</i>	<b>James Kayima, Uganda</b>
1940	<i>In-hospital cardiac arrest in Nigeria (2 slides)</i>	Emmanuel Edafe, Nigeria
1950	<i>In-hospital cardiac arrest in Ghana (2 slides)</i>	Kofi Tekyi Asamoah, Ghana
2000	<i>Wrap-up</i>	Albert Nyanga, Cameroon

## 5. THE BEST CLINICAL CASES (PART 1)

	WEDNESDAY APRIL 24 <sup>th</sup> 2024 CLINICAL CASES 1700 TO 1830	Salah Mohamed, Sudan Abraha Hailu, Ethiopia, Mazen Albaghdadi, USA, Khuzeima Khanbhai, Tanzania
1700	Atypical Myocardial Infarction Patterns	
1710	STEMI could be a time of war	
1720	Generic heparin in the cathlab	
1730	To Endarterectomy Or Not To Endarterectomy?	
1740	Dilemma	
1750	Stroke and MI	
1800	Surviving the odds	
1810	A challenging surgical case	
1820	The case for FFR	

## THURSDAY APRIL 25<sup>TH</sup>

7. The Plenary Program - Heart Of Africa
8. Hands-On Contrast Echocardiography
9. The Best Clinical Cases (Part 2)
10. Acute Cardiac Emergencies Course Workshops – focus on the ECG in acute cardiac emergencies, how to administer thrombolysis and first responder priorities
11. School Of Intervention
  - How To Do Percutaneous Coronary Intervention
12. Round Table: Quality and Access in Echo in Africa (Invitation Only)

## 7. [The Plenary Program - Heart Of Africa](#)

	THURSDAY APRIL 25 <sup>th</sup> 2024	
	ACUTE CORONARY SYNDROMES	Harun Otieno, USA/Kenya Sajidah Khan, South Africa Mohamed Jeilan, Kenya
0800	STEMI Live! An imperfect STEMI journey- strengths and weaknesses in our patient's pathway.	Emmy Okello, Uganda James Kayima, Uganda
0900	Ten commandments of ACS care in Africa in ten minutes.	Jens Hitzeroth, South Africa
0910	<i>Panel discussion – Spotlight on Gambia, Cameroon and Nigeria</i>	Lamin Jaiteh, Gambia Emmanuel Edafe, Nigeria Mathilde Mbouk, Cameroon (max 1 slide each)
0930	<i>Audience discussion and survey</i>	Salim Salim, Kenya
0945	What is new in ACS care in 2024?	Rob Welsh, Canada
1010	KEYNOTE ADDRESS: The American College of Cardiology concept of a centre of excellence in Acute Myocardial Infarction.	Hadley Wilson, USA
1030	TEA BREAK	
	SUDDEN CARDIAC ARREST	Mohamed Jeilan, Kenya Dave Kettles, South Africa
1100	Sudden death after an acute myocardial infarction – causes and triggers	Mohamed Salim, Kenya
1115	A first responder experience I will never forget	Jean Wanjema, Kenya
1130	A resuscitation experience I will never forget	David Kettles, South Africa
1145	<i>Audience discussion: Epidemiology and outcomes in out-of-hospital cardiac arrest in Africa. What do we know and what must we learn?</i>	
1200	First responder opportunities	Carolina Mata Hansen, Denmark
1215	Updates in resuscitation in 2024	Rob Welsh, Canada
	SHOCK	Mohamed Jeilan, Kenya Dave Kettles, South Africa
1230	Case based discussion. Drugs, revascularisation, and gadgets. State-of-the-art on management of shock.	Hadley Wilson, USA
1245	Mechanical circulatory devices and ECMO in Africa - which should we invest in?	Charles Kariuki, Kenya
1300	<i>Panel discussion</i>	
1320	GROUP PHOTO	Loreen Akinyi, Kenya
1330	LUNCH	
1430	HEART FAILURE	Swaleh Misfar, Kenya Selma Mohammed, USA
1430	Implementation strategies for HF in Africa (including STRONG HF)	Mohamed Janaby, Tanzania
1450	<i>My experience as a Flozinator. Versatile across multiple grades and classes of heart failure.</i>	Ngoba Tsabedze, South Africa (v)
1510	<i>Audience discussion</i>	
1520	<i>Audience participation session. How would YOU evaluate my patient with HF?</i>	Anders Barasa, Denmark (v)
1550	Towards managing advanced heart failure	Selma Mohammed, USA

1610	Genetic advances in the treatment of cardiomyopathies	Ntobeko Ntusi, South Africa
1630	<i>Audience discussion: What is the next frontier in HF management in Africa?</i>	Debra Isaac, Parag Patel
1700	DEVICES IN CARDIOVASCULAR MEDICINE	Parag Patel, USA Barbara Karau, Kenya
1700	To ICD or not to ICD in Africa. The case for ICDs (7min)	Ijeoma Ekeruo, USA
1707	To ICD or not to ICD in Africa. The case against ICDs (7min)	Mohsen Gaballa, Kenya
1714	<i>Audience discussion (10min)</i>	
1725	Expert Panellists final word (5min)	Muzahir Tayebjee, UK
1730	Reusing pacemakers: state of the art	Thomas Crawford, USA
1750	<i>Panel discussion</i>	Emmanuel Edaffe/ Constantine Akwanalo
1800	Meeting close. Sunset event vouchers distributed in main hall	

## 8. Hands-On Contrast Echocardiography (Limited numbers)

Advanced Contrast Echo Certificate program: 25 <sup>th</sup> April 2024		
Grp1	Live scan Patients – LV thrombus ambiguity	Mike Foster/ Sheila Klassen
Grp2	Live scan Patients – Wall motion assessment	Yvonne Oketch/ Jonathan Lindner
Grp3	Live scan Patients – LV thrombus ambiguity	Karishma Shah/ Sheila Klassen

## 9. [The Best Clinical Cases \(Part 2\)](#)

THURSDAY APRIL 25 <sup>th</sup> 2024	Salah Mohamed, Sudan
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	CLINICAL CASES 1230 TO 1430	Abraha Hailu, Ethiopia, Mazen Albaghdadi, USA, Khuzeima Khanbhai, Tanzania
1230	post AVR sinus of valsalva	
1240	An unusual peripartum cause of pulmonary edema	
1250	Multi-modality imaging exemplified in cardio-oncology	
1300	SCAD managed conservatively for more than one year	
1310	Approaches to Hypertensive urgencies	
1320	Case series of catheter based thrombolysis	
1330	Salt looks like sugar	
1340	Two chimneys and one valve	
1350	A complex coronary case	
1400	The whirlpool - anticoagulate or not?	
1410	Multiple atherosclerotic beds in HIV	
1420	Surveillance and Management of Coronary Artery Disease and Risk of Sudden Cardiac Death in Asymptomatic Apical HOCM	

10. [Acute Cardiac Emergencies Course Workshops](#)
  - a. [The ECG in Acute Cardiac Emergencies](#)



b. [How to Thrombolyze Effectively](#)

c. [First Responder Interventions](#)

**THURSDAY 25TH APRIL 2024 (02:00 PM - 05:00 PM) - MI**

<b>TIME</b>	<b>TITLE OF THE TALK</b>	<b>INSTRUCTORS</b>
02:00 pm - 03:00 pm	12 Lead ECG interpretation	Dr. Priyanka Dr. Kimani
03:00 pm - 04:00 pm	Troubleshoot and assess for STEMI	Dr. Priyanka Dr. Kimani
04:00 pm - 04:30 pm	Thrombolytic therapy - Indications - Contraindications	Dr. Priyanka Dr. Kimani
04:30 pm - 05:00 pm	Demonstration of thrombolysis	Emcure representative
05:00 pm - 05:30 pm	How to transfer a patient to a PCI Centre	Dr. Priyanka Dr. Kimani

11. [School Of Intervention: How To Do Percutaneous Coronary Intervention](#)

	THURSDAY APRIL 25 <sup>th</sup> 2024 HOW TO: FUNDAMENTALS OF PERCUTANEOUS CORONARY INTERVENTION	
1630	Objectives of the session	Habib Gamra, Tunisia
1635	Case based discussion – Was the intervention indicated, appropriately prepared and planned?	Dave Kettles, South Africa
1700	Choosing and using a good access site: techniques for a safe start	Jens Hitzeroth, South Africa
1715	Lesion preparation for DES interventions including an understanding of coronary dissection types	Khuzeima Khanbhai, Tanzania
1730	How I build up my strategy for safe and durable PCI	Dave Kettles, South Africa
1740	What could possibly go wrong? Can I prevent procedural complications?	Tayo Addo, USA
1750	Pearls from the panel	Habib Gamra/ Mohsen Gaballa/ Charles Kariuki/ Martin Murage

## 12. [Roundtable: Quality and Access in Echo](#)

	THURSDAY APRIL 25 <sup>th</sup> 2024 ENHANCING QUALITY IN ECHOCARDIOGRAPHY AND NON-INVASIVE IMAGING IN AFRICA	
	Sheila Klassen, Mike Foster, Jonathan Lindner, Hellen Nguchu, Elijah Ogola, Felix Barasa, Daniel Gikonyo, Kevin Ombati, Cynthia Sempele, Tayo Addo, Felix Barasa, Abraha Hailu, Alemayehu Bekele, Mohamed Janaby, Mohamed Alfy, Emmy Okello	
1730	Echo certification. What does it involve in North and South America?	NBE representative
1745	Echo certification. What is happening in Africa? Perspectives from Ethiopia, Kenya, Tanzania, Nigeria, Egypt, Uganda	Audience discussion
1800	Is it possible to establish common curricula in echo? What are the challenges and opportunities?	Sheila Klassen, USA
1810	Is it possible to establish common criteria for certification in echo? What are the challenges and opportunities?	Bernard Samia, Kenya
1820	Advanced echo technologies. What are they and what is their value?	Jonathan Lindner, USA
1830	Access to advanced echo technologies in Africa, State of the continent. Ghana, Gambia, Tunisia, Kenya, South Africa, Angola, Egypt	
1840	Access to non-invasive imaging technologies in Africa, State of the continent. Ghana, Gambia, Tunisia, Kenya, South Africa, Angola, Egypt	
1900	Wrap up and meeting close	Sheila Klassen

## FRIDAY APRIL 26<sup>TH</sup>

13. The Plenary Program - Heart Of Africa
14. The Moderated Abstracts
15. The Best Clinical Cases (Part 3)
16. Acute Cardiovascular Care Course Workshops – Focus On  
POCUS
17. School Of Intervention
  - How To Do: LBB Area Pacing
  - How To Do: Advanced PCI

### 13. [The Plenary Program - Heart Of Africa](#)

	FRIDAY APRIL 26 <sup>th</sup> 2024	
	CCU LIVE!	Emmy Okello, Uganda Mohamed Jeilan, Kenya
0800	CCU Live! And Direct from the JKCI, Dar es Salaam, Tanzania	Khuzeima Khanbhai, Martin Mvwile
0900	<i>Panel discussion – Last night’s admissions to my centre in my country</i>	Jens Hitzeroth, Emmy Okello, Mzee Ngunga
0915	FROM ACUTE TO CHRONIC CORONARY SYNDROMES	
0915	Drug and interventional choices in the management of stable angina.	Mohamed Jeilan, Kenya
0930	Antiplatelet options in chronic coronary syndromes	Rob Welsh, Canada
0945	<i>Sponsored. Residual risk reduction and the novel agents for dyslipidemia including Inclisaran</i>	Alemayehu Bekele, Ethiopia
1000	<i>Audience survey and discussion: access to drugs, interventions and cardiac rehabilitation in African countries</i>	
1010	Risk stratification for chronic coronary syndromes	Bernard Gersh, USA
1030	TEA BREAK	
1100	PREVENTIVE CARDIOLOGY	Chris Granger, USA Lois Wagana, Kenya
1100	<i>Sponsored. A patient at risk of CVD who has early signs of kidney disease.</i>	Elliot Tannor, Ghana
1115	Challenges and opportunities for controlling hypertension across the globe	Elijah Ogola, Kenya
1130	Stroke care: What every cardiologist should know	Chris Granger, USA
1145	<i>Sponsored. Dabigatran; are all DOACs equal?</i>	Constantine Akwanalo, Kenya
1200	<i>Panel discussion</i>	
1220	KEYNOTE PRESENTATION by the President of the European Society of Cardiology. “The Past, Present and Future of Cardiovascular Disease.”	Thomas Luescher, Switzerland (v)
1240	LAUNCH AND LUNCH <i>Sponsored. Should 40mg of rosuvastatin be a standard dose for secondary prevention and high CV risk patients?</i>	Mzee Ngunga, Kenya
1300	PRIZES and AWARDS	Lois Wagana, Kenya
1400	THE WEIRD AND WONDERFUL CARDIOLOGY SHOW	Sajidah Khan, South Africa Yemi Johnson, Nigeria
1430	<i>I bet you’ll never see an NSTEMI like this! When being right is wrong!</i>	Mzee Ngunga, Kenya
1440	<i>Weird and wonderful case two</i>	Selma Mohammed, USA
1450	<i>Sajidah’s cases</i>	Sajidah Khan, South Africa
1500	<i>Weird and wonderful case four</i>	Ijeoma Ekeruo, USA
1510	<i>Audience discussion</i>	
1530	The ten drugs you should stop for patients with cardiovascular disease	Chris Granger, USA
1545	Cardiovascular signs of patients with systemic disease	Jonathan Lindner, USA
1600	OBESITY	Harun Otieno, USA Hassan Aden, Kenya
1600	Case vignette. The problem with obesity and how to address it. Step by step management of obesity	Erick Njenga, Kenya
1615	How to initiate drug therapies for sustained weight management.	Rosslyn Ngugi, Kenya
1630	<i>Audience quiz/discussion: Is obesity a curable disease or a lifestyle choice?</i>	
1650	Climate change and cardiovascular disease	Bernard Gersh, USA
1710	How to treat patients with cardiovascular disease in a war zone	Ahmed Suliman, Sudan

		Abraha Hailu, Ethiopia
1730	<i>Audience discussion</i>	
1800	Gala dinner tickets distributed in main hall	

## 14. [The Moderated Abstracts](#)

	FRIDAY APRIL 26 <sup>th</sup> 2024 MODERATED ABSTRACTS 1100 TO 1300	Emmy Okello, Uganda Chris Granger, USA Habib Gamra, Tunisia
1100	Abstract 1	
1108	Abstract 2	
1116	Abstract 3	
1124	Abstract 4	
1132	Abstract 5	
1140	Abstract 6	
1148	Abstract 7	
1156	Abstract 8	
1204	Abstract 9	
1212	Abstract 10	
1220	Abstract 11	
1228	Abstract 12	
1236	Abstract 13	
1244	Abstract 14	
1252	Abstract 15	

## 15. [The Best Clinical Cases \(Part 3\)](#)

	FRIDAY APRIL 26 <sup>th</sup> 2024 CLINICAL CASES 1300 TO 1400	Salah Mohamed, Sudan Abraha Hailu, Ethiopia, Mazen Albaghdadi, USA, Khuzeima Khanbhai, Tanzania
1300	Aspirin “allergy” - what we did	
1310	TAVI - expanding indications?	
1320	An unusual cause of MI - double burden of disease	
1330	NSTEMI risk stratification is not a joke	
1340	Endomyocardial fibrosis	
1350	Anomalous RCA	



16. [Acute Cardiovascular Care Course Workshops – Focus On POCUS](#)

**FRIDAY 26TH APRIL 2024 (02:00 PM - 05:00 PM) - POCUS**

	TITLE OF THE TALK	INSTRUCTORS
02:00 pm - 05:00 pm	Point of Care Ultrasound (POCUS) in acute cardiac emergencies with Live Patients	Dr. Kagona Dr. Ruth Dr. Adams Dr. Githura

## 17. [School Of Intervention](#)

### a. [How To Do: Left Bundle Branch Area Pacing](#)

### b. [How To Do: Advanced PCI](#)

	FRIDAY APRIL 26 <sup>th</sup> 2024 HOW TO: LEFT BUNDLE BRANCH AREA PACING	
1430	Objectives of the session	Muzahir Tayebjee, UK
1435	Who needs it in a nutshell	Brian Vezi, South Africa
1440	Understanding the relevant anatomy of the LBB area and localising the LBB area on fluoroscopy	Muzahir Tayebjee, UK
1500	The procedure: step-by-step (Biotronik guiding sheath)	Brian Vezi, South Africa
1520	The procedure: step-by-step (Medtronic)	Ijeoma Ekeruo/ Muzahir Tayebjee
1530	What constitutes a successful lead deployment – simplified electrical clues	Mohamed Salim, Kenya
1540	Panel discussion: What is the worst that could happen? And what can be done about it	Brian Vezi, South Africa
1555	Pearls from the panel	Mervat Aboulmaaty/ Daniel Nduiga

	FRIDAY APRIL 26 <sup>th</sup> 2024 HOW TO: ADVANCED PERCUTANEOUS CORONARY INTERVENTION	
1600	Objectives of the session	Dave Kettles, South Africa
1610	Understanding intravascular ultrasound – an atlas of cases	Mohamed Jeilan, Kenya
1630	Bifurcations – evidence supported strategies	Oladipupo Olafiranye, USA
1650	Dealing with calcium	Dave Kettles, South Africa
1710	Techniques to increase support in complex and tortuous lesions	Jens Hitzeroth, South Africa
1730	Toolbox and tips for managing complications	Mohsen Gaballa, Kenya
1750	Pearls from the panel	Bernard Gitura/ Mazen Albaghdadi

SATURDAY APRIL 27<sup>TH</sup>

18. The Heart Clinic – Ambulatory Cardiology For Doctors and Cardiac Nurses and Technicians
19. Cardiovascular Intervention Africa
20. Advanced Cardiac Life Support Certified Course
21. The Best Clinical Cases (Part 4)

18. [The Heart Clinic – Ambulatory Cardiology For Doctors and Cardiac Nurses and Technicians](#)

	SATURDAY APRIL 27 <sup>th</sup> 2024 THE HEART CLINIC	
0800	Registration	
0830	Morning session: ECG – rest, stress, ambulatory	Muzahir Tayebjee, UK Redempta Kimeu, Kenya
0830	Exercise Stress ECG - overview of indications and roles	Redempta Kimeu, Kenya
0850	Case based Exercise Stress ECG for ischemia assessment	Redempta Kimeu, Kenya
0930	Case based Exercise Stress ECG for arrhythmia assessment	Muzahir Tayebjee, UK
0950	Audience discussion	
1000	Interesting ECG traces from AFHRA – part one	Muzahir Tayebjee, UK
1030	TEA BREAK	
1100	Interesting ECG traces from AFHRA – part two	Muzahir Tayebjee, UK
1120	Holter monitors, loop recorders and smart watches - a plethora of choices	Hassan Aden/ Chris Granger
1140	Device detected atrial fibrillation – what next	Chris Granger, USA
1200	Case based decision making on Holter Monitor in 40 minutes	Ijeoma Ekeruo, USA
1240	What to do with PVCs	Bernard Gersh, USA
1300	LUNCH	
1400	Afternoon session: Provocation tests, Blood Pressure and Devices	Barbara Karau, Kenya Anthony Ochola, Kenya
1400	The tilt table test – who needs it and how it is best performed	Mzee Ngunga, Kenya
1415	The tilt table test – common challenges in interpretation	Mervat Aboulmaaty, Egypt
1430	Audience discussion on Tilt table testing	Barbara Karau/ Anthony Gikonyo/ Daniel Nduiga
1445	Pacemaker and ICD interrogation - Part one (introduction to electrograms)	AJ Hale, USA
1500	Pacemaker and ICD interrogation - Part two (interesting electrograms)	Muzahir Tayebjee, UK
1530	TEA	
1600	Back to Basics - Ambulatory Blood Pressure Monitors	Anthony Ochola, Kenya
1620	Back to Basic – Evaluation for endocrine causes of hypertension	Salim Abdalla Salim, Kenya
1640	Audience discussion	
1700	Meeting close	

## 19. Cardiovascular Intervention Africa

	SATURDAY APRIL 27 <sup>th</sup> 2024 CARDIOVASCULAR INTERVENTION AFRICA	
0830	Early Morning Session: Coronary Intervention	Habib Gamra, Tunisia Mohsen Gaballa, Kenya
0830	Sponsored talk. Drug management of angina.	Mohamed Jeilan, Kenya
0900	Debate: Coronary imaging: Intracoronary imaging should be a routine part of PCI For (10min) Against (10min) Audience discussion (10min)	Etienne Amendeezo, Rwanda James Kayima, Uganda
0930	What would YOU do?  Cases that have taught me a lesson (10 minutes per case).  Case 1. Khuzeima Khanbhai Case 2. David Kanyeki Case 3. Tayo Addo	Chair: Emmy Okello, Uganda
1010	Sponsored talk. LCA treatment using ULTIMA TANSEI stent	Mohsen Gaballa, Kenya
1030	TEA BREAK	
1100	Audience participation session: Help me with my patient presenting with recurrent ACS.	Charles Kariuki, Kenya
1130	One sided debate: Drug eluting balloons should be the first line option in coronary intervention (rather than drug-eluting stents).	Hussein Hishmat, UAE (v)
1150	Audience rebuttal	
1200	Update on transcatheter aortic valve replacement	Etienne Amendeezo, Rwanda
1220	MitraClip in Africa – the Cape Town experience	Jens Hitzeroth, South Africa
1240	Percutaneous intervention for pulmonary embolism	Mazen Albaghdadi, USA
1300	<i>LUNCH BOX SESSION</i> <i>Sponsored talk.</i> Percutaneous Coronary Intervention in STEMI. An unfavourable scenario.	Valentin Guryev, Russia
1400	Afternoon Session	Mazen Albaghdadi, USA Tayo Addo, Nogeria
1400	How the Ischemia trial has and has not affected my clinical practice – an interventionalist’s perspective	Hadley Wilson, USA
1420	Disasters in the cathlab  Quickfire international cases (8 minutes per case)  Case 1. Rob Welsh (Canada) Case 2. Oladipupo Olafarinywe (USA) Case 3. Dave Kettles (SA) Case 4. Daniel Nduiga (Kenya)	
1520	How I break good news and bad news in the cathlab environment	Hellen Nguchu, Kenya
1540	Discussion	

1600	Complex high-risk intervention with mechanical circulatory support	Hadley Wilson, USA
1620	Discussion	
1700	Meeting Close	

20. [Advanced Cardiac Life Support Certified Course](#)

<b>TIME</b>	<b>SESSION</b>	<b>INSTRUCTORS</b>
60 mins	CPR + AED + Basic Airway + Choking	Ms. Caroline
60 mins	ECG Interpretation	Dr. Priyanka
60 mins	Use Of A Manual Defibrillator	Dr. Fred Mr. Dennis
60 mins	Advanced Airway	Dr. Hamdi Dr. Akshay
120 mins	Megacodes	Dr. Hamdi Dr. Akshay

## 21. [The Best Clinical Cases \(Part 4\)](#)

	SATURDAY APRIL 27 <sup>th</sup> 2024 CLINICAL CASES 1300 TO 1500	Salah Mohamed, Sudan Abraha Hailu, Ethiopia, Mazen Albaghdadi, USA, Khuzeima Khanbhai, Tanzania
1300	Frank's sign	
1310	Dobutamine stress echo to evaluate aortic stenosis	
1320	Contrast echo - a valuable tool	
1330	Clopidogrel induced complications	
1340	Case study on Peripheral Arterial Calcification in Diabetes mellitus Patients	
1350	Cardiac complications of lupus - two cases	
1400	Coronary artery ectasia and stenosis in a patient with severe aortic regurgitation	
1410	A Unique case of Percutaneous Mitral Balloon Commissurotomy with Transposition of Inferior Vena Cava in Africa.	
1420	Epicardial mass	
1430	SCAD managed conservatively for more than one year	
1440	Left main intervention?	
1450	New valve in a new town. Three TAVR cases in Dar es Salaam	
1500	When right is wrong - mirror image rheumatic mitral stenosis	
1510	That's about the size of it	
1520	Adhoc CTO intervention	