

SUNECHO

Provisional Programme 2025



Protea Hotel, Techno Park, Stellenbosch

SUNECHO
CRITICAL THINKING IN ECHOCARDIOGRAPHY

TUESDAY 20 May 2025

Principles and fundamentals of echocardiography

07h00 – 07h50	Registration	
07h50 – 08h00	Welcome and introduction	Philip Herbst

SESSION 1

08h00 – 08h45	Applied cardiac morphology – Understanding the echo views	Philip Herbst
08h45 – 09h30	Knobology and image optimization – Understanding the echo machine	Navroz Masani
09h30 – 10h15	Understanding Doppler	Philip Herbst

10h15 – 10h45 MORNING TEA

SESSION 2

10:45 – 11h25	The TTE examination – a systematic approach	Navroz Mazani
11h25 – 11h55	Critical thinking in echocardiography	Philip Herbst
11h55 – 12h30	Artefacts and common pitfalls in echocardiography	Navroz Masani

12h30 – 13h30 LUNCH

SESSION 3

13h30 – 14h15	Assessment of global LV systolic function	Alfonso Pecoraro
14h15 – 14h45	Assessment of regional LV function	Philip Herbst
14h45 – 15h05	Critical Thinking Focus session: Which coronary is it?	Siyo Sibeko

15h05 – 15h35 AFTERNOON TEA

SESSION 4

15h35 – 16h15	Speckle tracking: Nuts and bolts of acquisition with illustrative case	Jan Steyn Alfonso Pecoraro
16h15 – 16h45	Pregnancy and the heart	Siyo Sibeko

WEDNESDAY 21 May 2025 Evaluating cardiac function and haemodynamics

SESSION 5

08h00 – 08h40	LV diastolic function assessment	Philip Herbst
08h40 – 09h05	Critical thinking focus session: Diastology cases	Alfonso Pecoraro
09h05 – 09h45	Assessment of the right heart and PA pressures	Siyo Sibeko

09h45 – 10h15 MORNING TEA

SESSION 6

10h15 – 11h00	Tricuspid valve assessment	Alfonso Pecoraro
11h00 – 11h45	Assessing LVH: Echo and MRI.	Alfonso Pecoraro/ Philip Herbst
11h45 – 12h15	Approach to LV dilatation	Philip Herbst
12h15 – 12h35	Case based assessment of LV dilatation with MR: Is Mitraclip an option	Alfonso Pecoraro

12h35 – 13h35 LUNCH

SESSION 7

13h35 – 14h25	Case studies in heart muscle disease	Navroz Masani
14h25 – 15h05	Infective endocarditis	Anton Doubell

15h05- 15h35 AFTERNOON TEA

SESSION 8

15h35 – 16h15 Echo after stroke
 16h15 – 16h55 Identify this Cardiac Mass – Registrar QUIZ

Navroz Masani
 Amori Engelbrecht
 Ahmed Esmail

THURSDAY 22 May 2025**Valvular heart disease****SESSION 9**

08h00 – 08h45 MR: Mitral valve anatomy and TOE exam exploring mechanisms of MR
 08h45 – 09h20 MR: Assessing severity
 09h20 – 09h45 MR: Systematic assessment of repair success

Navroz Masani
 Philip Herbst
 Navroz Masani

09H45 - 10H10 MORNING TEA**SESSION 10**

10h10 – 10h50 Mitral stenosis assessment with cases
 10h50 – 11h10 Assessment of Aortic Regurgitation
 11h10 – 11h50 Critical thinking focus session: Aortic Regurgitation
 11h50 – 12h30 Assessment of the thoracic aorta and pathology

Anton Doubell
 Arlene Mazaza
 Amori Engelbrecht
 Navroz Masani

12H30 – 13H30 LUNCH**SESSION 11**

13h30 – 14h15 Assessment of aortic stenosis
 14h15 – 14h45 Critical thinking focus session: Aortic stenosis
 14h45 – 15h10 Aortic coarctation assessment

Jacques Liebenberg
 Arlene Mazaza
 Alfonso Pecoraro

15H10 – 15H40 AFTERNOON TEA**SESSION 12**

15h40 – 16h10 Prosthetic valve evaluation: Aortic valve
 16h10 – 16h40 Prosthetic valve evaluation: Mitral valve
 16h40 – 17h05 Critical thinking focus session: Prosthetic valves

Philip Herbst
 Alfonso Pecoraro
 Arlene Mazaza

FRIDAY 23 May 2025**The rest****SESSION 13**

08h00 – 08h35 Simple GUCH: ASD, AVSD and evaluation for percutaneous closure
 08h35 – 09h05 Simple GUCH: VSD evaluation
 09h05 – 09h45 Complex GUCH: An approach and Illustrative case

Alfonso Pecoraro
 Philip Herbst
 Navroz Masani

09H45 - 10H15 MORNING TEA**SESSION 14**

10h15 – 11h15 Wetlab session: Getting to grips with cardiac morphology
 Echo Views

Jacques Janson
 & Alfonso Pecoraro

11h15 – 11h35 BREAK

11h35 – 12h05 Complications of myocardial infarction
 12h05 – 12h45 Emergency echocardiography / Echo in ICU

Navroz Masani
 Philip Herbst

12H45 – 13H45 LUNCH**SESSION 15**

13h45 – 14h15 Pericardial constriction: Haemodynamics in a nutshell
 14h15 – 15h00 Pericardial disease: Effusion, tamponade and other interesting cases
 Closing remarks
 Course End

Philip Herbst
 Alfonso Pecoraro