

# 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 – 10h00 Understanding Doppler 1 **Philip Herbst**

**10H00 – 10H30 MORNING TEA**

**SESSION 2**

10h30 – 11h00 Understanding Doppler 2 **Philip Herbst**  
11h00 – 11h40 The TTE examination – a systematic approach **Navroz Mazani**  
11h40 – 12h20 The TEE examination - as systematic approach **Alfonso Pecoraro**  
12h20 – 13h00 Critical thinking in echocardiography **Philip Herbst**

**13H00 – 14H00 LUNCH**

**SESSION 3**

14h00 – 14h45 Assessment of global LV systolic function **Alfonso Pecoraro**  
14h45 – 15h10 Assessment of regional LV function **Philip Herbst**  
15h10 – 15h30 Critical Thinking Focus session: Which coronary is it? **Jacques Doubell**

**15H30 – 16h00 AFTERNOON TEA**

**SESSION 4**

16h00 – 16h30 Artefacts and common pitfalls in echocardiography **Navroz Masani**

**WEDNESDAY** 21 May 2025 **Evaluating cardiac function and haemodynamics**

**SESSION 5**

08h00 – 08h45 LV diastolic function assessment **Philip Herbst**  
08h45 – 09h15 Critical thinking focus session: Diastology cases **Alfonso Pecoraro**  
09h15 – 10h00 Assessment of the right heart and PA pressures **Philip Herbst**

**10h00 – 10h30 MORNING TEA**

**SESSION 6**

10h30 – 11h15 Tricuspid valve assessment **Alfonso Pecoraro**  
11h15 – 12h00 Assessing LVH: Echo and MRI. **Alfonso Pecoraro/Philip Herbst**  
12h00-12h30 Approach to LV dilatation **Philip Herbst**

**12h30 – 13h30 LUNCH**

**SESSION 7**

13h30 – 14h20 Case studies in heart muscle disease **Navroz Masani**  
14h20 – 15h00 Infective endocarditis **Anton Doubell**

**15h00- 15h30 AFTERNOON TEA**

**SESSION 8**

15h30 – 16h10 Echo after stroke **Navroz Masani**  
16h10 – 16h50 Cardiac masses: An approach with cases **Alfonso Pecoraro**  
16h50 – 17h10 Critical thinking focus session: Identify this cardiac mass **Siy Sibeko**

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

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**SESSION 9**

08h00 – 08h45    Assessment of aortic stenosis  
08h45 – 09h15    Critical thinking focus session: Aortic stenosis  
09h15 – 09h40    Aortic coarctation assessment

**Jacques Liebenberg**  
**Arlene Mazaza**  
**Alfonso Pecoraro**

**09H40 - 10H10**    **MORNING TEA****SESSION 10**

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

**Philip Herbst**  
**Sumath Karamchand**  
**Navroz Masani**  
**Anton Doubell**

**12H30 – 13H30**    **LUNCH****SESSION 11**

13h30 – 14h15    MR: Mitral valve anatomy and TOE exam exploring mechanisms of MR  
14h15 – 14h50    MR: Assessing severity  
14h50 – 15h10    MR: Systematic assessment of repair success

**Navroz Masani**  
**Philip Herbst**  
**Navroz Masani**

**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**  
**Jacques Doubell**

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**FRIDAY 23 May 2025**    **The rest**

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**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**  
**Philip Herbst**

**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

**Navroz Masani**

12h05 – 12h45    Emergency echocardiography / Echo in ICU

**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**  
**Charles Kyriakakis**

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