

# SUNECHO Programme

7 – 10 May 2019 | Protea Hotel, Techno Park, Stellenbosch



**SUNECHO**  
CRITICAL THINKING IN ECHOCARDIOGRAPHY

## **TUESDAY 7 MAY 2019** Principles and fundamentals of echocardiography

07h00 – 07h50 Registration  
07h50 – 08h00 Welcome and introduction **Anton Doubell**

### **SESSION 1**

08h00 – 08h45 Applied cardiac morphology – Understanding the echo views **Philip Herbst & Lloyd Joubert**  
08h45 – 09h30 Knobology and image optimization – Understanding the echo machine **Navroz Masani**  
09h30 – 10h00 Concepts in Doppler 1 **Philip Herbst**

### **10h00 – 10h30 MORNING TEA**

### **SESSION 2**

10h30 – 11h00 Concepts in Doppler 2 **Philip Herbst**  
11h00 – 11h20 Critical thinking focus session – Doppler **Alfonso Pecoraro**  
11h20 – 12h00 The TTE examination – a systematic approach **Navroz Masani**  
12h00 – 12h45 Critical thinking in echocardiography **Philip Herbst**

### **12h45 – 13h45 LUNCH**

### **SESSION 3**

13h45 – 14h25 The TOE examination – a systematic approach **Navroz Masani**  
14h25 – 15h05 Assessment of global LV systolic function **Alfonso Pecoraro**

### **15h05 – 15h35 AFTERNOON TEA**

### **SESSION 4**

15h35 – 15h55 Assessment of regional LV function **Philip Herbst**  
15h55 – 16h25 Critical Thinking Focus session: Which coronary is it? **Lloyd Joubert**  
16h25 – 17h00 Artefacts and common pitfalls in echocardiography **Navroz Masani**

## **WEDNESDAY 8 MAY 2019** Evaluating cardiac function and haemodynamics

### **SESSION 5**

09h00 – 09h30 Complications of myocardial infarction **Navroz Masani**  
09h30 – 10h30 **Welllab session:** Getting to grips with cardiac morphology **Jacques Janson**

### **10h30 – 11h00 MORNING TEA**

### **SESSION 6**

11h00 – 11h45 LV diastolic function assessment **Philip Herbst**  
11h45 – 12h15 Critical thinking focus session: Diastology cases **Alfonso Pecoraro**

### **12h15 – 13h15 LUNCH**

### **SESSION 7**

13h15 – 14h00 Assessment of the right heart and PA pressures **Philip Herbst**  
14h00 – 15h00 Case studies in heart muscle disease **Navroz Masani**  
15h00 – 15h20 Critical thinking focus session: Heart muscle cases **Karim Hassan**

### **15h20 - 15h45 AFTERNOON TEA**

### **SESSION 8**

15h45 – 16h15 Echo after stroke **Navroz Masani**  
16h15 – 16h55 Cardiac masses: An approach with cases **Alfonso Pecoraro**  
16h55 – 17h15 Critical thinking focus session: Identify this cardiac mass **Karim Hassan**

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**THURSDAY 9 MAY 2019****Valvular heart disease and related structures**

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**SESSION 9**08h00 – 08h45  
08h45 – 09h15  
09h15 – 09h40Assessment of aortic stenosis  
Critical thinking focus session: Aortic stenosis  
Aortic coarctation assessment*Philip Herbst  
Rudolph du Toit  
Alfonso Pecoraro***SESSION 10**10h10 – 10h55  
10h55 – 11h20  
11h20 – 12h00  
12h00 – 12h45Assessment of Aortic Regurgitation  
Critical thinking focus session: Aortic Regurgitation  
Assessment of the thoracic aorta and pathology  
Tricuspid valve assessment (Heartworks)*Philip Herbst  
Alfonso Pecoraro  
Navroz Masani  
Alfonso Pecoraro  
& Rudolph du Toit***SESSION 11**13h45 – 14h25  
14h25 – 15h00  
15h00 – 15h20MR: Mitral valve anatomy and TOE exam exploring mechanisms of MR  
MR: Assessing severity  
MR: Systematic assessment of repair*Navroz Masani  
Philip Herbst  
Navroz Masani***SESSION 12**15h50 – 16h35  
16h35 – 17h05Mitral stenosis assessment with cases  
Critical thinking focus session: Mitral valve cases*Anton Doubell  
Rudolph du Toit*

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**FRIDAY 10 MAY 2019****The rest**

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**SESSION 13**08h00 – 08h35  
08h35 – 09h05  
09h05 – 09h45  
09h45 – 10h15Prosthetic valve evaluation: Aortic valve  
Prosthetic valve evaluation: Mitral valve  
Infective endocarditis  
Critical thinking focus session: Prosthetic valves and endocarditis*Philip Herbst  
Alfonso Pecoraro  
Anton Doubell  
Lloyd Joubert***SESSION 14**10h45 – 11h30  
11h30 – 12h00Pericardial disease: Effusion, tamponade and other interesting cases  
Pericardial constriction: Haemodynamics in a nutshell*Charles Kyriakakis  
Philip Herbst***SESSION 15**13h00 – 13h35  
13h35 – 14h05  
14h05 – 14h45Simple GUCH: ASD, AVSD and evaluation for percutaneous closure  
Simple GUCH: VSD evaluation  
Complex GUCH: An approach and illustrative case*Alfonso Pecoraro  
Philip Herbst  
Navroz Masani***SESSION 16**15h15 – 15h45  
15h45 – 16h15  
16h15 – 16h30Out of Africa: Case studies from Nigeria  
Out of Africa: Case studies from Zambia  
Closing remarks and farewell*Mohammed Talle  
Lorrita Kabwe*

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