

# PROGRAMME



**SUNECHO**  
CRITICAL THINKING IN ECHOCARDIOGRAPHY

**TUESDAY 21 May 2024**

**Principles and fundamentals of echocardiography**

07h00 – 07h50	Registration	
07h50 – 08h00	Welcome and introduction	<b>Philip Herbst</b>
<b>SESSION 1</b>		
08h00 – 08h45	Applied cardiac morphology – Understanding the echo views	<b>Philip Herbst</b>
08h45 – 09h30	Knobology and image optimization – Understanding the echo machine	<b>Navroz Masani</b>
09h30 – 10h00	Understanding Doppler 1	<b>Philip Herbst</b>
<b>10h00 – 10h30 MORNING TEA</b>		
<b>SESSION 2</b>		
10h30 – 11h00	Understanding Doppler 2	<b>Philip Herbst</b>
11h00 – 11h40	The TTE examination – a systematic approach	<b>Navroz Mazani</b>
11h40 – 12h20	The TEE examination - a systematic approach	<b>Alfonso Pecoraro</b>
12h20 – 13h00	Critical thinking in echocardiography	<b>Philip Herbst</b>
<b>13h00 – 14h00 LUNCH</b>		
<b>SESSION 3</b>		
14h00 – 14h45	Assessment of global LV systolic function	<b>Alfonso Pecoraro</b>
14h45 – 15h10	Assessment of regional LV function	<b>Philip Herbst</b>
15h10 – 15h30	Critical Thinking Focus session: Which coronary is it?	<b>Jacques Doubell</b>
<b>15h30 – 16h00 AFTERNOON TEA</b>		
<b>SESSION 4</b>		
16h00 – 16h30	Artefacts and common pitfalls in echocardiography	<b>Navroz Masani</b>

**WEDNESDAY 22 May 2024**

**Evaluating cardiac function and haemodynamics**

<b>SESSION 5</b>		
08h00 – 08h45	LV diastolic function assessment	<b>Philip Herbst</b>
08h45 – 09h15	Critical thinking focus session: Diastology cases	<b>Alfonso Pecoraro</b>
09h15 – 10h00	Assessment of the right heart and PA pressures	<b>Philip Herbst</b>
<b>10h00 – 10h30 MORNING TEA</b>		
<b>SESSION 6</b>		
10h30 – 11h15	Tricuspid valve assessment	<b>Alfonso Pecoraro</b>
11h15 – 12h00	Assessing LVH: Echo and MRI.	<b>Alfonso Pecoraro/ Philip Herbst</b>
12h00 – 12h30	Approach to LV dilatation	<b>Philip Herbst</b>
<b>12h30 – 13h30 LUNCH</b>		
<b>SESSION 7</b>		
13h30 – 14h20	Case studies in heart muscle disease	<b>Navroz Masani</b>
14h20 – 15h00	Infective endocarditis	<b>Anton Doubell</b>
<b>15h00 – 15h30 AFTERNOON TEA</b>		
<b>SESSION 8</b>		
15h30 – 16h10	Echo after stroke	<b>Navroz Masani</b>
16h10 – 16h50	Cardiac masses: An approach with cases	<b>Alfonso Pecoraro</b>
16h50 – 17h10	Critical thinking focus session: Identify this cardiac mass	<b>Siyo Sibeko</b>

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**THURSDAY 23 May 2024****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  
Sumanth 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 24 May 2024****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  
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

**Philip Herbst  
Charles Kyriakakis**

Closing remarks  
Course End

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