

SUNECHO 2017

PROGRAMME



SUNECHO
CRITICAL THINKING IN ECHOCARDIOGRAPHY

9 MAY 2017 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 & Bradley Griffiths
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 – 11h15	Concepts in Doppler 2	Philip Herbst
11h15 – 11h55	The TTE examination – a systematic approach	Navroz Masani
11h55 – 12h40	Critical thinking in echocardiography	Philip Herbst
12h40 – 13h40	Lunch	
SESSION 3		
13h40 – 14h25	The TOE examination – a Systematic approach	Navroz Masani
14h25 – 14h55	LV systolic function: Bread and butter assessment	Annari van Rensburg
14h55 – 15h25	Afternoon tea	
SESSION 4		
15h25 – 15h55	LV systolic function: Advanced modalities	Annari van Rensburg
15h55 – 16h15	IHD: Regional function assessment	Philip Herbst
16h15 – 16h45	Quiz: Which coronary is it?	Annari van Rensburg
16h45 – 17h15	Artifacts and common pitfalls in echocardiography	Navroz Masani

10 MAY 2017 EVALUATING CARDIAC FUNCTION AND HAEMODYNAMICS

SESSION 5

08h00 – 08h30	Complications of myocardial infarction	Navroz Masani
08h30 – 09h20	LV diastolic function assessment	Philip Herbst
09h20 – 09h45	LV diastolic function cases and Quiz	Alfonso Pecoraro

09h45 – 10h15 **Morning tea**

SESSION 6

10h15 – 11h00	Assessment of the right heart and PA pressures	Philip Herbst
11h00 – 12h00	Case studies in heart muscle disease	Navroz Masani
12h00 – 12h45	Emergency echocardiography / Echo in ICU	Philip Herbst

12h45 – 13h45 **Lunch**

SESSION 7

3D ECHO SESSION

13h45 – 14h25	3D echocardiography: Introducing the principles involved	Alfonso Pecoraro
14h25 – 14h55	3D echocardiography: Acquisition explained with DEMO	Alfonso Pecoraro

14h55 – 15h25 **Afternoon Tea**

SESSION 8

15h25 – 15h55	Out of Africa	Loritta Kabwe & Alfonso Pecoraro
15h55 – 16h40	Cardiac masses: An approach with cases	Navroz Masani
16h40 – 17h10	Quiz: Identify this cardiac mass	Annari van Rensburg

11 MAY 2017 VALVULAR HEART DISEASE AND RELATED STRUCTURES

SESSION 9

08h00 – 08h45	Assessment of aortic stenosis	Philip Herbst
08h45 – 09h15	Critical thinking in AS: Case examples	Bradley Griffiths
09h15 – 09h45	Aortic regurgitation: Severity assessment	Alfonso Pecoraro

09h45 - 10h15 **Morning tea**

SESSION 10

10h15 – 10h45	Aortic regurgitation: Assessing mechanism	Alfonso Pecoraro
10h45 – 11h30	Assessment of the thoracic aorta and pathology	Navroz Masani
11h30 – 11h50	Aortic coarctation assessment	Alfonso Pecoraro
11h50 – 12h30	Understanding rheumatic heart disease	Philip Herbst

12h30 – 13h30 **Lunch**

SESSION 11

13h30 – 14h15	Mitral stenosis assessment with cases	Anton Doubell
14h15 – 14h55	MR: Mitral valve anatomy and TOE exam exploring mechanisms of MR	Navroz Masani
14h55 – 15h25	MR: Assessing severity	Pieter Rossouw

15h25 – 15h55 Afternoon Tea

SESSION 12

15h55 – 16h15	MR: Systematic assessment of repair success	Navroz Masani
16h15 – 17h00	Tricuspid valve assessment (Heartworks)	Alfonso Pecoraro & Bradley Griffiths

12 MAY 2017 THE REST

SESSION 13

08h00 – 08h35	Prosthetic valve evaluation: Aortic valve	Philip Herbst
08h35 – 09h05	Prosthetic valve evaluation: Mitral valve	Alfonso Pecoraro
09h05 – 09h30	Prosthetic valve cases	Pieter Rossouw
09h30 – 10h10	Infective endocarditis	Anton Doubell

10h10 - 10h40 Morning tea

SESSION 14

10h40 – 11h10	Echo after stroke	Navroz Masani
11h10 – 11h50	Pericardial disease: Effusion, tamponade and other interesting cases	Charles Kyriakakis
11h50 – 12h20	Pericardial constriction: Haemodynamics in a nutshell	Philip Herbst

12h20 – 13h10 Lunch

SESSION 15

13h10 – 13h45	Common mistakes made by people who scan CHD infrequently	John Lawrenson
13h45 – 14h20	Simple GUCH: ASD, AVSD and evaluation for percutaneous closure	Alfonso Pecoraro

14h20– 14h50 Afternoon Tea

SESSION 16

14h50 – 15h20	Simple GUCH: VSD evaluation	Philip Herbst
15h20 – 16h00	Complex GUCH: An approach and illustrative case	Navroz Masani
16h00 – 16h10	Closing comments and farewell	