

Training Program July 2016

11.00 AM TO 2.00 PM (PPT 30 MIN AND HANDS ON 150 MIN)

DAY 1	BASIC PHYSICS OF ECHOCARDIOGRAPHY	PPT
16.07.2016	FUNDAMENTAL CONCEPTS	DR. SHANKAR MITRA
SATURDAY	SETTING UP EQUIPMENT	HANDS ON
	M-MODE & 2D ECHO	DR. SHANKAR MITRA
	DOPPLER AND COLOR FLOW	DR. JAYDEEP MUKHERJEE
DAY 2	EVALUATION OF STENOTIC VALVE: MITRAL	PPT
17.07.2016	A STEP BY STEP COMPREHENSIVE EVALUATION	DR. RAJAT S. GHOSE
SUNDAY	MITRAL VALVE AREA, PRESSURE GRADIENT	HANDS ON
	PRESSURE HALF TIME, ASSESSMENT OF VALVE ANATOMY	DR. RAJAT S. GHOSE
	ASSOCIATED LESIONS ETC	DR. SULAGNA BANNERJEE
DAY 3	EVALUATION OF STENOTIC VALVE: AORTIC	PPT
18.07.2016	A STEP BY STEP COMPREHENSIVE EVALUATION	DR. KAUSTAV BISWAS
MONDAY	AS JET VELOCITY, MEAN TRANSTHORACIC GRADIENT,	HANDS ON
	VALVE AREA BY CONTINUITY EQUATION	DR. NANDITA CHAKRABORTY
	ASSOCIATED LESIONS ETC	DR. KAUSTAV BISWAS
DAY 4	TRICUSPID AND PULMONARY VALVE DISEASE	PPT
19.07.2016	A STEP BY STEP COMPREHENSIVE EVALUATION	DR. KAUSTAV BISWAS
TUESDAY	MEAN AND PEAK TRICUSPID AND PULMONARY VALVE	HANDS ON
	PRESSURE GRADIENT AND SEVERITY OF LESION	DR. DIPANKAR DUTTA
	EVALUATION OF TRICUSPID AND PULMONARY ANNULUS	DR. KAUSTAV BISWAS
DAY 5	CARDIOMYOPATHY DCM , HCM, RCM, ARVD	PPT
20.07.2016	ISCHAEMIC CARDIOMYOPATHY, ETC	DR. JAYDEEP MUKHERJEE
WEDNESDAY	HOW TO DIFFERENTIATE DIFFERENT CARDIOMYOPATHIES	HANDS ON
	ISCHAEMIC VS NON ISCHAEMIC, HYPERTENSIVE VS HYPERTROPHIC	DR. RAJAT S. GHOSE
	RESTRICTIVE CARDIOMYOPATHY VS CONSTRICTIVE PERICARDITIS	DR. JAYDEEP MUKHERJEE
DAY 6	APPROACH TO PATIENT WITH CONGENITAL HEART DISEASE	PPT
21.07.2016	BASIC ECHOCARDIOGRAPHIC VIEWS IN CHILDREN	DR. ACHYUT SARKAR
THURSDAY	HOW TO LOOK INTERATRIAL SEPTUM, INTERVENTRICULAR SEPTUM.	HANDS ON
	WHERE TO LOOK FOR PDA, BRANCH PULMONARY ARTERIES	DR. ACHYUT SARKAR
	WHERE TO LOOK FOR CORONARY ARTERIES AND HOW TO MEASURE	DR. SULAGNA BANNERJEE
DAY 7	IDEAL ECHO FORMAT	PPT
22.07.2016	IMPORTANCE OF ECG IN ECHOCARDIOGRAPHY	DR. SOUMITRA KUMAR
FRIDAY	HOW TO REPORT ECHO AS PER GUIDELINES	HANDS ON
	ROLE OF ECG WITH ECHO FINDINGS IN IHD, CARDIOMYOPATHY	DR. SOUMITRA KUMAR
	PERICARDIAL, VALVULAR AND CONGENITAL HEART DISEASE,	DR. HIRAK J. SANYAL
DAY 8	ISCHAEMIC HEART DISEASE	PPT
23.07.2016	TERRITORY OF CORONARY ARTERY SUPPLY	DR. DEBIKA CHATTERJEE
SATURDAY	WALL MOTION ABNORMALITY, GLOBAL & REGIONAL	HANDS ON
	WALL MOTION SCORE INDEX,	DR. DEBIKA CHATTERJEE
	ACUTE M.I. AND IT'S COMPLICATIONS	DR. SULAGNA BANNERJEE

2.30 PM TO 5.30 PM (PPT 30 MIN AND HANDS ON 150 MIN)		CASES	
	PPT	VOL	CASE
CHAMBER QUANTIFICATION AND ECHOCARDIOGRAPHIC VIEWS	DR. ANIRUDDHA DE		
LEFT VENTRICLE, LEFT ATRRIUM	HANDS ON		
RIGHT VENTRICLE, RIGHT ATRIUM, AORTA	DR. ANIRUDDHA DE	2	2
EVALUATION OF DIASTOLIC FUNCTION	DR. RAJAT S. GHOSE		
EVALUATION OF REGURGITANT VALVE: MITRAL	PPT		
COMPREHENSIVE EVALUATION, COMMON PITFALLS	DR. NANDITA CHAKRABORTY		
VALVE MORPHOLOGY, COLOR FLOW REGURGITANT JET,	HANDS ON	2	3
VENA CONTRACTA WIDTH, ERO, ERV, PISA, PRESSURE HALF TIME	DR. NANDITA CHAKRABORTY		
PULMONARY VENOUS FLOW DOPPLER	DR. HIRAK J. SANYAL		
EVALUATION OF REGURGITANT VALVE: AORTIC	PPT		
COMPREHENSIVE EVALUATION, COMMON PITFALLS	DR. DIPANKAR DUTTA		
VALVE MORPHOLOGY, COLOR FLOW REGURGITANT JET,	HANDS ON	2	3
VENA CONTRACTA WIDTH, ERO, ERV, PISA, PRESSURE HALF TIME	DR. DIPANKAR DUTTA		
DIASTOLIC FLOW REVERSAL IN DESCENDING AORTA	DR MAHESH CHOUDHURY		
EVALUATION OF PROSTHETIC VALVE	PPT		
STEPWISE APPROACH AND COMMON DIFFICULTIES	DR. SOUMITRA KUMAR		
PROSTHETIC VALVE EVALUATION IN MITRAL AND AORTIC AREA	HANDS ON	2	3
PRESSURE GRADIENT AND SEVERITY OF LESION, PARAVALVULAR LEAK	DR. SOUMITRA KUMAR		
PATIENT PROSTHESIS MISMATCH, METALLIC VS BIO-PROSTHETIC VALVE	DR. PRANITA NANDY		
ECHO EVALUATION OF PERICARDIUM AND	PPT		
APPROACH TO CARDIAC MASS	DR. DEBIKA CHATTERJEE		
PERICARDIAL EFFUSION, TAMPONADE, CONS. PERICARDITIS	HANDS ON	2	4
HOW ECHOCARDIOGRAPHY IS HELPFUL FOR PERICARDIOCENTESIS	DR. DEBIKA CHATTERJEE		
DIFFERENT CARDIAC MASS THROMBUS VS VEGETATION VS ARTIFACTS	DR. BIKASH BHATTACHARYYA		
COMMON CONGENITAL HEART DISEASES	PPT		
ASD, VSD. PDA. TOF	DR, ACHYUT SARKAR		
SALIENT FEATURES TO LOOK FOR COMMON CONGENITAL HEART	HANDS ON	2	4
AREAS OF INTEREST IN ASD, VSD, PDA, TOF, COARCTATION OF AORTA	DR, ACHYUT SARKAR		
SIZE OF DEFECTS, GRADIENTS ACROSS SHUNTS AND VALVES	DR MAHESH CHOUDHURY		
PULMONARY ARTERIAL HYPERTENSION	PPT		
AND CONSEQUENCES OF PAH	DR ARUNANGSHU GANGULY		
ESTIMATION OF PULM ARTERY SYSTOLIC, DIASTOLIC AND	HANDS ON	2	3
MEAN PRESSURES. EVALUATION OF PA PRESSURE WITHOUT TR	DR ARUNANGSHU GANGULY		
INDIRECT EVIDENCES OF PAH BY ECHOCARDIOGRAPHY	DR. JAYDEEP MUKHERJEE		
ECHO FOR INTENSIVIST	PPT		
TOPIC DEMANDED BY STUDENT NOT COVERED	DR. ANIRUDDHA DE	2	4
EVALUATION OF INFERIOR VENA CAVA AND FLUID STATUS	HANDS ON		
ESTIMATION OF L V FILLING PRESSURE AND CARDIAC OUTPUT	DR. ANIRUDDHA DE		
ANY OTHER DOUBT FROM THE PARTICIPANTS	DR. PRANITA NANDY		

