

Training Program January 2016

11.00 AM TO 2.00 PM

DAY 1	BASIC PHYSICS OF ECHOCARDIOGRAPHY	PPT
10.01.2016	FUNDAMENTAL CONCEPTS	DR. SHANKAR MITRA
SUNDAY	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
11.01.2016	A STEP BY STEP COMPREHENSIVE EVALUATION	DR DEBIKA CHATTERJEE
MONDAY	MITRAL VALVE AREA, PRESSURE GRADIENT	HANDS ON
	PRESSURE HALF TIME, ASSESSMENT OF VALVE ANATOMY	DR DEBIKA CHATTERJEE
	ASSOCIATED LESIONS ETC	DR.KAUSTAV BISWAS
DAY 3	EVALUATION OF STENOTIC VALVE: AORTIC	PPT
12.01.2016	A STEP BY STEP COMPREHENSIVE EVALUATION	DR. NANDITA CHAKRABORTY
TUESDAY	AS JET VELOCITY, MEAN TRANSTHORACIC GRADIENT,	HANDS ON
	VALVE AREA BY CONTINUITY EQUATION	DR. NANDITA CHAKRABORTY
	ASSOCIATED LESIONS ETC	DR. PRANITA NANDY
DAY 4	TRICUSPID AND PULMONARY VALVE DISEASE	PPT
13.01.2016	PROSTHETIC VALVE EVALUATION	DR. DIPANKAR DUTTA
WEDNESDAY	MEAN AND PEAK TRICUSPID AND PULMONARY VALVE	HANDS ON
	PRESSURE GRADIENT AND SEVERITY OF LESION	DR. DIPANKAR DUTTA
	STEPWISE APPROACH OF PROSTHETIC VALVE EVALUATION	DR.KAUSTAV BISWAS
DAY 5	ISCHAEMIC HEART DISEASE	PPT
14.01.2016	TERRITORY OF CORONARY ARTERY SUPPLY	DR RAJAT S. GHOSE
THURSDAY	WALL MOTION ABNORMALITY, GLOBAL & REGIONAL	HANDS ON
	WALL MOTION SCORE INDEX,	DR RAJAT S. GHOSE
	ACUTE M.I. AND IT'S COMPLICATIONS	DR. HIRAK J. SANYAL
DAY 6	COMMON CONGENITAL HEART DISEASES	PPT
15.01.2016	ASD, VSD. PDA. TOF	DR. ARUP DASBISWAS
FRIDAY	SALIENT FEATURES TO LOOK FOR COMMON CONGENITAL HEART	HANDS ON
	AREAS OF INTEREST IN ASD, VSD, PDA, TOF, COARCTATION OF AORTA	DR. ARUP DASBISWAS
	SIZE OF DEFECTS, GRADIENTS ACROSS SHUNTS AND VALVES	DR MAHESH CHOUDHURY
DAY 7	IDEAL ECHO FORMAT	PPT
16.01.2016	IMPORTANCE OF ECG DURING ECHOCARDIOGRAPH	DR. SOUMITRA KUMAR
SATURDAY	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. SULAGNA BANNERJEE

2.30 PM TO 5.30 PM

**CHAMBER QUANTIFICATION AND
ECHOCARDIOGRAPHIC VIEWS**

LEFT VENTRICLE, LEFT ATRIUM

RIGHT VENTRICLE, RIGHT ATRIUM, AORTA

EVALUATION OF DIASTOLIC FUNCTION

**EVALUATION OF REGURGITANT VALVE: MITRAL
COMPREHENSIVE EVALUATION, COMMON PITFALLS**

VALVE MORPHOLOGY, COLOR FLOW REGURGITANT JET,

VENA CONTRACTA WIDTH, ERO, ERV, PISA, PRESSURE HALF TIME

PULMONARY VENOUS FLOW DOPPLER

EVALUATION OF REGURGITANT VALVE: AORTIC

COMPREHENSIVE EVALUATION, COMMON PITFALLS

VALVE MORPHOLOGY, COLOR FLOW REGURGITANT JET,

VENA CONTRACTA WIDTH, ERO, ERV, PISA, PRESSURE HALF TIME

DIASTOLIC FLOW REVERSAL IN DESCENDING AORTA

CARDIOMYOPATHY DCM, HCM, ICCHAEMIC ETC,

CARDIAC MASS

HOW TO DIFFERENTIATE DIFFERENT CARDIOMYOPATHIES

ISCHAEMIC VS NON ISCHAEMIC, HYPERTENSIVE VS HYPERTROPHIC

DIFFERENT CARDIAC MASS THROMBUS VS VEGETATION VS ARTIFACTS

APPROACH TO PATIENT WITH CONGENITAL HEART DISE

BASIC ECHOCARDIOGRAPHIC VIEWS IN CHILDREN

HOW TO LOOK INTERATRIAL SEPTUM, INTERVENTRICULAR SEPTUM.

WHERE TO LOOK FOR PDA, BRANCH PULMONARY ARTERIES

WHERE TO LOOK FOR CORONARY ARTERIES AND HOW TO MEASURE

ECHO EVALUATION OF PERICARDIUM AND

PULMONARY ARTERIAL HYPERTENSION

PERICARDIAL EFFUSION, TAMPONADE, CONS. PERICARDITIS

ESTIMATION OF PULM ARTERY SYSTOLIC, DIASTOLIC AND

MEAN PRESSURES. CONSEQUENCES OF PAH

ECHO FOR INTENSIVIST

TOPIC DEMANDED BY STUDENT NOT COVERED

EVALUATION OF INFERIOR VENA CAVA AND FLUID STATUS

ESTIMATION OF L V FILLING PRESSURE AND CARDIAC OUTPUT

ANY OTHER DOUBT FROM THE PARTICIPANTS

PPT

DR. ANIRUDDHA DE

HANDS ON

DR. ANIRUDDHA DE

DR. RAJAT S. GHOSE

PPT

DR. NANDITA CHAKRABORTY

HANDS ON

DR. NANDITA CHAKRABORTY

DR. HIRAK J. SANYAL

PPT

DR. DIPANKAR DUTTA

HANDS ON

DR. DIPANKAR DUTTA

PPT

DR DEBIKA CHATTERJEE

HANDS ON

DR DEBIKA CHATTERJEE

DR MAHESH CHOUDHURY

PPT

DR, ACHYUT SARKAR

HANDS ON

DR, ACHYUT SARKAR

DR. SULAGNA BANNERJEE

PPT

DR SUVRO BANNERJEE

HANDS ON

DR SUVRO BANNERJEE

DR. JAYDEEP MUKHERJEE

PPT

DR. ANIRUDDHA DE

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