

DOCTORAL THESIS OF DM/MCH, NEIGRIHMS

Sl. No	Name of the Student	Course	Department	Title of the Thesis		Year/Batch
1	Dr. Swapan Kumar Saha	DM/MCH	Cardiology	1	Prosnostic Significance of Serum Uric Acid in Patients with Acute Coronary Syndrome Undergoing Coronary Angiography	2012
					Effect of Ranolazine in Patients with Chest Pain and Normal Coronaries	
					Weight Monitoring as an Indicator of Major Cardiovascular Events in Patients with Heart Failure	
				2	Evaluation of Predicators of Outcome in Patients with Peripartum Cardiomyopathy	
					Assessment of Diastolic Function by Echocardiography in Patients with Excellent Effort Tolerance in TMT (>9METS)	
				3	Coronary Artery Ectasia: Pathophysiological and Clinical Significance	
					Hypertension in Pregnancy - An Emerging Risk of Subsequent Cardiovascular Disease	
					Angiotensin Receptor Blockers: Cardiovascular Protection Beyond Blood Pressure Control	
					Sudden Cardiac Death - An Overview	
2	Dr. Pravin Kumar Shrivastava	DM/MCH	Cardiology	1	Association of Serum Parathyroid Hormone in Patients with Stable Coronary Artery Disease	2012
					Prognostic Value of Serum C-reactive Protein in Patients with Acute Coronary Syndrome	
					The Effect of Tirofiban on Early and Intermediate Outcome in Late Presentation of Acute Coronary Syndrome Patients	
				2	Effects of Chronic Pulmonary Hypertension on Diastolic Annular Tissue Velocity	
					The Ratio of Early Diastolic Peak Velocities at Tricuspid and Mitral Annulus as the Prognostic Predictor in Heart Failure with Preserved Ejection Fraction Patient	
				3	Biomarkers in Acute Coronary Syndrome Past Present and Future	
					Trachycardia- Induced Cardiomyopathy	
					Complex Left Atrial Appendage Morphology and Left Atrial Appendage Thrombus Formation in Patients with Atrial Fibrillation	
					Chronic Constrictive Pericarditis	

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3	Dr. Dhanjit Nath	DM/MCH	Cardiology	1	Usefulness of Coronary CT Angiography in Patients with Suspected Coronary Artery Disease and a Positive Exercise Test	2013
					Diastolic Function Parameters in the Prediction of Left Atrial Thrombus in Patients of Acute Coronary Syndrome	
				2	Assessment of Neutrophils/Lymphocytes Ratio in Suspected Patients of Acute Coronary Syndrome	
					The Impact of Low Level of High-Density lipoprotein Cholesterol on Clinical Outcomes in Acute Coronary Syndrome	
					Inflammatory Markers as Predictors of Outcome in Peripartum Cardiomyopathy	
				3	Spontaneous Coronary Artery Dissection: A review of the Aetiology, Diagnosis and Available Treatment Options	
					Takayasu Arteritis: A Systematic Review	
					Myocarditis: Current Trends in Diagnostic and Treatment	
					Role of Statins in Chronic Kidney Disease	
4	Dr. Swapan Kumar Jha	DM/MCH	Cardiology	1	To Study Thyroid Hormone Profile In Acute Coronary Syndrome Patients	2014
					Relationship Between Platelet Indices & Spontaneous Echo Contrast (Sec) In Patients with Mitral Stenosis (ms)	
				2	To Study Outcome of Isolated Coronary Stenosis	
					Correlation Between Microalbuminuria and Severity of Coronary Artery Disease	
					Electrocardiographic Changes During Tobacco Chewing	
				3	Poor Response to Clopidogrel: Current and Future Options for its Management	
					PAH: Current Treatment's Success and Failures	
					Hybrid Coronary Revascularization. "Best of Worlds"	
					Exercise & Physical Activity in Management of Cardiovascular Disease	

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5	Dr. Ashish Hota	DM/MCH	Cardiology	1	Clinical Profile, Risk Factors and Outcome of Patients Presenting with ST – Segment Elevation Myocardial Infarction in a Tertiary Centre: A Prospective Study	2017
					Incidence, Predictors and Outcome of Perioperative Myocardial Injury in Patients Undergoing Non Cardiac Surgery in a Tertiary Centre Care	
					Resting Heart Rate and Body Mass Index as Predictors of Severe Coronary Atherosclerosis Burden by Syntax Score in Patient with Stables Angina Preictoris	
				2	Narrow Complex Tachycardia: An Overview of Non- Invasive Approach , Interpretation and Management	
					An overview of Secondary Mitral Regurgitation: Pathophysiology, Proportionality and Prognosis	
					Spontaneous Coronary Artery Dissection: An Overview	
					The Role of Optical Coherence Tomography in Coronary Intervention	
6	Dr Tejvir Singh	DM/MCH	Cardiology	3	Log Book	2017
				1	To Study the Risk Factor Profile and Major Adverse Cardiac Events in Non- –ST- Evaluation Myocardial Infarction (NSTEMI) Acute Coronary Syndrome Patients in a Tertiary Care Centre in North East India : A Prospective Study	
					To Study the Diagnostic Importance of Platelet Distribution Width (PDW) in Acute Coronary Syndrome	
					To Study the Prevalence and Spectrum of Thyroid Disorders with Special Reference to Subclinical Thyroid Disorder in Patients with Non-Rheumatic Atrial Fibrillation	
				2	Low Gradient Aortic Stenosis: Current Status and Future Prospects	
					SGLT-2 Inhibitors in Heart Failure: A promising Novel Therapy	
					Permanent his Bundle Pacint: An Emerging Technique for Physiological Ventricular Pacing	
					Left Atrial Appendage Occlusion for Stroke Prevention in Atrial Fibrillation : A Contemporary Review	
				3	Log Book	

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7	Dr. Shakeel Ahamad Khan	DM/MCH	Cardiology	1	Clinical Usefulness of the Angle between Left Main-Left Anterior Descending Coronary Artery (LM-LAD) & Left Main-Left Circumflex Coronary Artery (LM-LCX) for the Evaluation of Obstructive Coronary Artery Disease (CAD)	2018
				2	Serum Magnesium in Patient with Acute Myocardial Infraction (AMI) at time of Admission, Magnesium Supplementation and Incidence of Arrhythmia	
				3	Evaluation of Muscle wasting and Correction with Functional Capacity in Young Patients with Heart Failure with Reduced Ejection Fraction	
8	Dr. Utpal Kumar	DM/MCH	Cardiology	1	Comparison of Drug Eluting Balloon Vs Drug Eluting Stent in Small Vessel Coronary Artery Disease (CAD)	2018
				2	Pharmacologic Cardio Version with Ibutilide in Patient with Artificial Fibrillation due to Rheumatic Heart Disease	
				3	Retrospective Study of Young Coronary Artery Disease Patients in Single Tertiary Care Centre in North East India	
9	Dr. Vanlalmalsawmdawngliana	DM/MCH	Cardiology	1	Pattern of Acute Coronary Syndromes Admission at a Tertiary Care Hospital of North East India during COVID-19 Pandemic: A retrospective Observational Study	2019
				2	The Prevalence of Rheumatic Heart Disease in School Going Children: An Echocardiographic Study from Meghalaya	
				3	Immediate and Mid-Term Outcomes of Percutaneous Balloon Mitral Valvotomy from a Tertiary Hospital of Northeast India	
10	Dr. Arunkumar G	DM/MCH	Cardiology	1	Testosterone, Coronary Artery Disease and the Syntax Score in the Middle Aged Patients: A Prospective Case Control Study	2019
				2	To Study the Echocardiographic Prevalence of Congenital Heart Disease in School Going Children in Meghalaya, North East India	
				3	To study the Immediate Outcomes of Percutaneous Balloon Mitral Valvuloplasty (PBMV) using Echocardiographic Intercommissural Distance as Reference for Balloon Sizing Vs Conventional Height Based Method: A Prospective Observational Study	

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11	Dr. Pinak Pani Das	DM/MCH	Cardiology	1	Clinical Characteristics, Hemodynamic Profile and Outcomes of Percutaneous Balloon Mitral Valvulotomy in Patients with Low Gradient Severe Mitral Stenosis: A Prospective Study	2020
				2	Study of Anaemia Profile in Patients with Congestive Heart Failure in a Tertiary Hospital in North East India	
				3	Cardiovascular Outcome with SGLT2 Inhibitor (Dapagliflozin) in Rheumatic Heart Disease with Left Ventricular Systolic Dysfunction: An Observational Study	
12	Dr. Diganta Baruah	DM/MCH	Cardiology	1	A Study on Clinical and Angiographic Profile of Acute Myocardial Infarction in Young Adults	2021
				2	Correlation of Female Sex Hormones and Coronary Angiographic Severity by Syntax Score in Premenopausal Women with Coronary Artery Disease	
				3	Cardiovascular Outcome with SGLT2 Inhibitor in Rheumatic Heart Disease with Heart Failure: An Observational Study	
13	Dr. J. Preethi	DM/MCH	Cardiology	1	Clinical and Prognostic Value of Hypertensive Response to Exercise	2021
				2	Prevalence and Clinical Profile of Subclinical Atrial Fibrillation in a Tertiary Care Centre in Northeast India	