

**M.SC. NURSING DISSERTATIONS**  
**PROJECT ON CARDIOLOGY/CTVS NURSING**  
**2006 to 2026**

S. No	Title	Name of Student	Year
1	A study to evaluate the clinical value of Hill's sign in the assessment of aortic regurgitation.	Ms. Harmeet Kaur Kang	2006
2	A study to identify and quantify complications of transfemoral diagnostic coronary angiography with and without heparin.	Ms. Kumkum Ghose	2006
3	A study to evaluate bilateral arm blood pressure for inter-arm difference and for correlation with aortic pressure.	Mrs. Vrinda Tom	2007
4	A study to assess the effect of reducing the duration of supine position on back pain and vascular complications after coronary angiography.	Ms. Sangeeta Sharma	2007
5	A study to assess the quality of life of pacemaker patients.	Ms. Vimla Rawat	2008
6	A study to assess the prevalence of obstructive sleep apnoea and associated quality of life among congestive heart failure patients.	Mr. Anurag Bhal Patidar	2008
7	A study of cardiovascular risk factors among AIIMS administrative employees and their family members.	Divya Sharma	2009
8	A study to assess the effect of temperature of needle on perception of pain during administration of intramuscular injection of benzathine penicillin to the patients having RHD.	Nisha Thomas	2010
9	A study to assess the effect of prior application of ice cubes around umbilicus on pain and ecchymosis after giving subcutaneous injection of LMW heparin.	Lini T	2010
10	A study to assess the effect of discharge counselling on compliance and problems of patients who have undergone heart valve replacement.	Ramya KR	2009
11	A study to assess the effectiveness of a structured teaching program on ECG monitoring and interpretation, for the nursing personnel working in intensive care units of Cardiothoracic Sciences Centre, AIIMS.	Lyn Chitra Mathew	2011
12	A study to assess the effect of hot application on pain associated with post-operative activities among cardiac surgery patients.	Mamtha Joshi	2011

13	A randomized controlled trial comparing elevated bed position to the standard supine position, in terms of back pain and vascular access-site complications, in patients undergoing diagnostic cardiac catheterization.	Suja Baily	2012
14	A study to assess the stress and coping in parents of children with cyanotic congenital heart disease posted for surgical intervention, with a view to develop an educational module.	Deepti Mariam Lonappan	2012
15	A study to determine the effectiveness of an educational intervention in improving self-care, treatment compliance, and quality of life in patients with congestive heart failure.	Lamya P	2012
16	A study to assess the effectiveness of an educational intervention in improving the knowledge and treatment compliance in patients with hypertension.	Jisna Jose	2012
17	A study to assess the knowledge, attitude, and practices of nurses working in critical care units of AIIMS regarding organ and tissue donation.	Tenzin Zompa	2012
18	A study to assess the prevalence of cardiovascular risk factors and its knowledge among school children of Delhi, with a view to develop an educational module for school children.	Grace Mary George	2013
19	A study to assess the effect of vibratory stimulation on pain perception after intramuscular injection of benzathine penicillin in patients with rheumatic heart disease at AIIMS, New Delhi.	Daisy Thomas	2013
20	A study to assess the factors contributing to delay in seeking medical care in acute myocardial infarction patients admitted to a selected tertiary care hospital in New Delhi.	Naveeta Deshwal	2013
21	A study to assess the effect of an educational intervention on the knowledge, practice, and stress of parents of children with permanent pacemakers.	Jarvathy Joshy	2013
22	A study to compare the cardiovascular disease risk factors among smokeless tobacco consumers, smokers, and non-tobacco consumers.	Sarita	2013
23	A study to develop and implement a pain assessment protocol and assess the practice of pain management in post-operative cardio-thoracic intensive care units.	Saranya Suresh	2014
24	A study to compare the symptoms experienced by diabetic and non-diabetic patients during acute coronary syndrome.	Dhanya A	2014

25	A study to evaluate the effect of music on pain intensity and physiological parameters among post-operative cardiac patients in AIIMS, New Delhi.	Tarika	2014
26	A study to assess the effectiveness of a video-assisted planned teaching program on the knowledge and practices regarding prevention of deep vein thrombosis (DVT) in post-operative patients in general surgery wards of AIIMS, New Delhi.	Amrita Kumari	2014
27	A study to assess the effectiveness of earplugs and eye masks on perceived quality of sleep during the night among patients in intensive care units of AIIMS, New Delhi.	Koushal Dave	2014
28	A study to assess the effectiveness of cold application on pain during chest tube removal among post-cardiac surgery patients.	Susan Skaria	2014
29	A randomized controlled trial to assess the effect of recorded maternal voice on cooperation among 2-5-year-old children undergoing cardiac catheterization at catheterization laboratories, AIIMS, New Delhi.	Daliya Rajan	2015
30	A study to assess the knowledge and quality of life of pacemaker patients, with a view to develop an information booklet.	Swaty Chapagai	2015
31	A study to assess the physical and psychosocial concerns among recipients of implanted cardioverter-defibrillators (ICD), with a view to develop an information booklet.	Jase Mathew	2015
32	A study to assess the effect of handgrip exercise on blood pressure among pre-hypertensive adults in Delhi.	Divya George	2015
33	A comparative study to evaluate the effectiveness of mannequin demonstration versus video teaching program on basic life support for knowledge and skill in family members of adult patients at high risk of cardiopulmonary arrest at AIIMS, New Delhi.	Neelima Raj	2015
34	A study to evaluate the effectiveness of an indigenous exercise protocol in patients with heart failure and quality of life.	Urvashi	2015
35	A randomized controlled trial to assess the effectiveness of nurse-led cardiac rehabilitation on physiological parameters among post-myocardial infarction patients admitted to the cardiology unit of AIIMS, New Delhi.	Manish Chaudhary	2015
36	A study to assess the effectiveness of a structured educational program on the knowledge of nurses working in the cardiac unit regarding anxiety and depression among patients with myocardial infarction.	Donna Thangal	2016

37	A study to develop and implement an intercostal drainage care protocol for post-operative cardiac patients, and to assess the knowledge and practices of ICD care among nurses in the postoperative cardiothoracic ICU, AIIMS.	Harpreet	2016
38	A comparative study to assess the ankle-brachial index by palpatory and Doppler methods among patients posted for cardiac catheterization at the catheterization lab, AIIMS.	Nitta Das	2016
39	A randomized controlled trial to assess the effect of progressive muscle relaxation in reducing anxiety, fatigue, and improving quality of sleep among patients undergoing valvular heart surgery admitted to the CTVS ward at AIIMS.	Archana Jose T	2017
40	A study to evaluate the feasibility of a nurse-led follow-up clinic among post-myocardial infarction patients attending the cardiology OPD at the CN Centre, AIIMS, New Delhi.	P. Usha	2017
41	A pilot study to assess the effectiveness of a cardiac rehabilitative teaching program on quality of life and physiological parameters among CABG patients admitted to a tertiary care hospital.	Jyotishana	2017
42	A randomized controlled trial to assess the effectiveness of a nurse-based heart failure management program.	Mamata Rai	2017
43	A randomized controlled trial to assess the effectiveness of structured teaching on knowledge about the disease and quality of life among acute decompensated heart failure patients at AIIMS, New Delhi.	Ankita Sharma	2018
44	A study to assess the effectiveness of planned simulation teaching regarding defibrillation on the knowledge and skills of nurses working in critical care units and the emergency department at AIIMS, New Delhi.	Devanshi Chowdhary	2018
45	A study to assess the perceived needs and satisfaction of care among family members of acute decompensated heart failure patients in the emergency department at AIIMS, New Delhi.	Esther Mary Mathew	2018
46	A comparative study of quality of life among parents of children with congenital heart disease and children with rheumatic heart disease.	Deepmala Adhikary	2018

47	A study to assess the effectiveness of a structured health education program on knowledge and attitudes regarding consanguinity leading to congenital heart defects in children among students (18-25 years) at a selected college in Delhi.	Laxmi	2019
48	A study to assess the effectiveness of a structured heart failure clinical pathway on nurses' knowledge and patient care outcomes in the cardiology department at AIIMS, New Delhi.	Jerlin Joseph	2019
49	A study to assess the effectiveness of a structured patient education program on knowledge regarding anticoagulation and INR control among patients undergoing mechanical valve replacement at AIIMS, New Delhi.	Harmanjot Dhindsa	2019
50	A study to assess the knowledge and practices regarding post-percutaneous coronary intervention (PCI) care among nurses working in the cardiology department at AIIMS, New Delhi, with a view to develop a protocol.	Gloriya Rachel Thomas	2020
51	A study to assess the effectiveness of an educational intervention for primary caregivers on knowledge regarding immunization and the immunization status of children undergoing cardiac surgery at AIIMS, New Delhi.	Priyanka Bhati	2020
52	A study to assess the knowledge and effectiveness of compression-only life support training as per Indian Resuscitation Council guidelines among relatives of AIIMS employees (laypersons) residing in the AIIMS campus.	Deepika	2020
53	Use of force-sensitive resistors in gauging pressure applied by a mechanical compression device over the femoral sheath removal site and its association with patients' level of site discomfort and post-procedure complications among patients undergoing transfemoral coronary interventions in a tertiary care hospital.	Sajin Abdul Kader	2020
54	A study to assess thirst intensity, thirst distress, and the practices for its management, among heart failure patients admitted to the cardiology unit at AIIMS, New Delhi.	Karuna Thapa	2020
55	A Cross Sectional Study To Assess The Level Of Anxiety, Depression And Stress Of Patients With Cardiac Disorders During Covid-19 Pandemic	Revathy S Nair	2021
56	A Study To Assess The Impact of COVID-19 Pandemic On Nursing Education Among Nursing Students Of AIIMS, New Delhi	Komal	2021

57	A Study To Assess The Impact Of COVID-19 on Care of Patients With Heart Failure	Sonika	2021
58	A Quasi Experimental Study To Assess The Effectiveness Of Structured Counselling Among Caregivers Of Heart Failure Patients On Selected Outcomes In Cardiology Department At AIIMS. New Delhi	Shivani Chauhan	2021
59	A Study To Assess The Effect Of Multi-Component Intervention Programme Regarding Care Of Infants After Cardiac Surgery On Knowledge, Confidence, Level Of Satisfaction Of Parents And Selected Patient Care Outcomes At AIIMS, New Delhi	Dhanya V A	2022
60	A Study To Assess The Effect Of CtvS Icu Clinical Pathway On Nurses' Knowledge, Levels Of Satisfaction And Barriers To Implementation Of The Clinical Pathway At AIIMS, New Delhi	Greeshma Raju	2022
61	A Study To Develop And Assess The Effect Of The Implementation Of Post-Extubation Nebulization Protocol On Selected Patient Care Outcomes In Pediatric Patients And Nurses' Knowledge And Practice About Post-Extubation Nebulization For Pediatric Patients Admitted In CTVS ICU.	Anisha Manna	2022
62	A Randomized Control Trial To Assess The Effect To Simulation Based Teaching On Knowledge, Skill And Confidence Of Undergraduate Nursing Student In Performing Defibrillation.	Vishakha	2023
63	A Study To Assess The Effectiveness Of A Mobile Application-Based Educational Intervention Regarding Oral Hygiene On Knowledge, Attitude And Practice Among Parents Of Children With Congenital Heart Diseases At AIIMS, New Delhi.	Aljo Joy	2023
64	A study to assess the effect of Nurse-Led cardiac Rehabilitation on knowledge practices and clinical parameters of the adult patients undergoing cardiac surgery at CTVS, AIIMS, Delhi	Jyoti Sharma	2024
65	A study to assess knowledge and concerns regarding sexual health among post myocardial infarction patients visiting cardiology outpatient department, AIIMS New Delhi.	Khushboo Singh	2024
66	A study to assess the prevalence of Metabolic syndrome among young adults at AIIMS with a view to develop Preventive Metabolic Syndrome Pamphlet	Imlinungla Imchen	2024

67	A Quasi- Experimental study to assess the effectiveness of Tele- Nursing Follow- up education program on Knowledge regarding anticoagulation, medication adherence and INR control among patients underwent mechanical valve replacement ( MVR) at CTVS, AIIMS, New Delhi	Monika Rawat	2024
68	A study to assess the effect of Thirst Bundle Intervention (TBI) on thirst intensity and dry mouth among heart failure patients visiting at heart failure clinic, AIIMS, New Delhi	Rajalakshimi K	2024
69	A Comparative Study to Analyze the Effectiveness of Standard Teaching vs Simulation Based Method of Teaching upon ABG Analysis & Interpretation Competencies among Nursing Students of AIIMS, New Delhi.	Prarthana Pujari	2025
70	A study to assess the effectiveness of competency-based ECG training on knowledge and diagnostic accuracy of emergency nurses in identifying st segment elevation myocardial infarction (STEMI) among patients presenting with chest pain at AIIMS, New Delhi	Pratibha	2025
71	A study to assess the factors influencing eating pattern and their impact on nutritional status among nursing students in the College of Nursing, AIIMS, New Delhi.	Vidusha Aswal	2025
72	A Study to Assess the Awareness and Willingness regarding Contraception among Females with Preexisting Cardiac Conditions at AIIMS, New Delhi.	Shalini	2025
73	A Randomized Control Trial to Assess the Effectiveness of Patient Centred Transitional Care Model (PCTCM) on Self Efficacy, Health Literacy and Adherence to treatment (SeHAt) of Patients who underwent valve replacement surgery at AIIMS, New Delhi	Karuppanasamy. V	2025
74	A Quasi experimental study to assess the effectiveness of Orem's self care theory based nursing interventional pathway on self-care ability, health literacy and clinical outcomes among post percutaneous coronary intervention (PCI) patients in Coronary Care Unit (CCU), AIIMS New Delhi.	Sandhya Verma	2026
75	A case-control study to assess the prevalence and risk factors of metabolic syndrome among females with PCOS and without PCOS in tertiary care hospital, New Delhi.	Satarupa Sarkar	2026

76	A randomized control trial to assess the effect of Digital interactive Programme (DIP) on quality of life and treatment adherence among patients with mechanical heart valve replacement in a tertiary care hospital.	Abritti Bhandari	2026
77	A cross sectional study to assess the prevalence and associated risk factors for Hypertension among adolescents in selected schools of Delhi-NCR.	Ajay Kumar	2026
78	A Randomized controlled trial to assess the effectiveness of smartphone application "Mediac" on medication adherence, diet compliance, physical activity and self-care among CAD patients in Cardiology, AIIMS, New Delhi.	Ms. Neeraj	2026

With Kind Regards

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