**Suppl 4.** List of excluded studies after full-text screening.

| **First author & year** | **Title** | **Reason for exclusion** |
| --- | --- | --- |
| Afzal 2008 | Characterization of cardiomyopathy cases at a forensic institute in the period 1992-2006 and perspectives for screening | Country not of interest |
| Bharucha 2015 | Sudden death in childhood cardiomyopathy: Results from a long-term national population-based study | Country not of interest |
| Daubeney 2006 | Clinical Features and Outcomes of Childhood Dilated Cardiomyopathy Results from a National Population-Based Study | Country not of interest |
| Deligiannis 2014 | Eighteen years' experience applying old and current strategies in the pre-participation cardiovascular screening of athletes | Country not of interest |
| Fu 2022 | Trends in myocarditis incidence, complications, and mortality in Sweden from 2000 to 2014 | Country not of interest |
| Fujiki 2022 | Incidence and Risk Factors of Future Need for Long-Term Care Insurance in Japanese Elderly Patients with Left Ventricular Systolic Dysfunction | Country not of interest |
| Hastenteufel 2022 | Expanding the Diagnosis of Familial Dilated Cardiomyopathy among Heart Transplant Recipients with a Screening Instrument | Country not of interest |
| Honda 1995 | Familial aggregation of dilated cardiomyopathy - Evaluation of clinical characteristics and prognosis | Country not of interest |
| Ishida 1999 | Myocardial imaging with <sup>123</sup>I-BMIPP in patients with congestive heart failure | Country not of interest |
| Jeong 2019 | Prevalence, characteristics, and clinical significance of concomitant cardiomyopathies in subjects with bicuspid aortic valves | Country not of interest |
| Jiang 2009 | Epidemiology and clinical management of cardiomyopathies and heart failure in China | Country not of interest |
| Khaled 2021 | Cardiomyopathy Management and In-Hospital Outcomes in a Tertiary Care Center: Clinical Components and Venues of Advanced Care | Country not of interest |
| Mansuri 2021 | Prevalence of DCM in Pune population and factors affecting its phenotypic expressions | Country not of interest |
| Massoure 2013 | Heart failure pattern in Djibouti: Epidemiologic transition | Country not of interest |
| McKenna 1997 | Idiopathic dilated cardiomyopathy: Familial prevalence and HLA distribution | Country not of interest |
| Nagib Elkilany 2008 | Dilated cardiomyopathy in children and adults: What is new? | Country not of interest |
| Patil 2014 | Clinical and echocardiogram profile of Cardiomyopathy at tertiary care centre | Country not of interest |
| Sani 2006 | Ischaemic heart disease in Aminu Kano Teaching Hospital, Kano, Nigeria: a 5-year review | Country not of interest |
| Yamamoto 2019 | Prediction of postnatal clinical course in primary congenital dilated cardiomyopathy | Country not of interest |
| Abubakar 2019 | Comparison of In-Hospital Outcomes of Patients With-Versus-Without Ischemic Cardiomyopathy Undergoing Left Ventricular Assist Device Placement | Outcomes |
| Aguilar 2021 | Sudden Cardiac Death in Heart Failure with Preserved Ejection as Compared to Heart Failure with Reduced Ejection Fraction: A Nationwide Analysis | Outcomes |
| Aguilar 2021 | Trends of Heart Failure with Preserved Ejection Fraction in Patients with Associated Sudden Cardiac Death | Outcomes |
| Andrews 2008 | New-onset heart failure due to heart muscle disease in childhood: A prospective study in the United Kingdom and Ireland | Outcomes |
| Aronow 1998 | Prevalence of heart disease in older women in a nursing home | Outcomes |
| Aronow 1999 | The older man's heart and heart disease | Outcomes |
| Benton 1994 | Predictors of coronary angiography in patients with idiopathic dilated cardiomyopathy: The Washington, DC Dilated Cardiomyopathy Study | Outcomes |
| Bethge 1988 | Endocardial late potentials recorded during sinus rhythm in man: incidence in different cardiac disease states | Outcomes |
| Bichali 2021 | Incidence, causes and outcome of new-onset heart failure in children with no known heart disease in a French area | Outcomes |
| Bobbo 2017 | Comparison of Patient Characteristics and Course of Hypertensive Hypokinetic Cardiomyopathy Versus Idiopathic Dilated Cardiomyopathy | Outcomes |
| Bourfiss 2022 | Prevalence and disease expression of pathogenic and likely pathogenic variants associated with inherited cardiomyopathies in the general population | Outcomes |
| Brendel 2021 | Value of Cardiac Magnetic Resonance Imaging to Differentiate Biopsy-Proven Myocarditis and Dilated Cardiomyopathy | Outcomes |
| Cannata 2021 | Titin mutations and female sex characterize dilated cardiomyopathy in the elderly | Outcomes |
| Cannata 2022 | Association of Titin Variations with Late-Onset Dilated Cardiomyopathy | Outcomes |
| Charron 2018 | The Cardiomyopathy Registry of the EURObservational Research Programme of the European Society of Cardiology: baseline data and contemporary management of adult patients with cardiomyopathies. | Outcomes |
| Cheng 2019 | Clinical Outcomes of Impella Microaxial Devices Used to Salvage Cardiogenic Shock as a Bridge to Durable Circulatory Support or Cardiac Transplantation | Outcomes |
| Costanzo-Nordin 1993 | Endocardial infiltrates in the transplanted heart: Clinical significance emerging from the analysis of 5026 endomyocardial biopsy specimens | Outcomes |
| Coughlin 1990 | The epidemiology of idiopathic dilated cardiomyopathy in a biracial community | Outcomes |
| Coughlin 1994 | Diabetes mellitus and risk of idiopathic dilated cardiomyopathy the Washington, DC dilated cardiomyopathy study | Outcomes |
| Coughlin 1994 | The epidemiology of idiopathic dilated cardiomyopathy in women: The Washington DC dilated cardiomyopathy study | Outcomes |
| Coughlin 1996 | Epidemiology of idiopathic dilated cardiomyopathy in the elderly: Pooled results from two case-control studies | Outcomes |
| Dungu 2016 | Afro-Caribbean Heart Failure in the United Kingdom: Cause, Outcomes, and ATTR V122I Cardiac Amyloidosis | Outcomes |
| Farwell 2000 | How many people with heart failure are appropriate for biventricular resynchronization? | Outcomes |
| Frutos Seminario 2022 | Natural history of MYH7-related dilated cardiomyopathy | Outcomes |
| Garatti 2008 | Clinical outcome and bridge to transplant rate of left ventricular assist device recipient patients: comparison between continuous-flow and pulsatile-flow devices | Outcomes |
| Gavazzi 1984 | Dilated (congestive) cardiomyopathy. Follow-up study of 137 patients | Outcomes |
| Gavazzi 2001 | Evidence-based diagnosis of familial non-X-linked dilated cardiomyopathy: Prevalence, inheritance and characteristics | Outcomes |
| Gilladoga 1975 | Cardiotoxicity of adriamycin (NSC 123127) in children | Outcomes |
| Gillum 1986 | Idiopathic cardiomyopathy in the United States:1970-1982 | Outcomes |
| Gladman 2002 | Fetal echocardiographic screening of pregnancies of mothers with anti-Ro and/or anti-La antibodies | Outcomes |
| Goli 2021 | Genetic and Phenotypic Landscape of Peripartum Cardiomyopathy | Outcomes |
| Greutmann 2012 | Predictors of adverse outcome in adolescents and adults with isolated left ventricular noncompaction | Outcomes |
| Griffin 1988 | Dilated cardiomyopathy in infants and children | Outcomes |
| Harmon 2016 | Incidence and Etiology of Sudden Cardiac Arrest and Death in High School Athletes in the United States | Outcomes |
| Hassapoyannes 2006 | Apparent racial disparity in the utilization of invasive testing for risk assessment of cardiac patients undergoing noncardiac surgery | Outcomes |
| Herskowitz 1993 | Demographic features and prevalence of idiopathic myocarditis in patients undergoing endomyocardial biopsy | Outcomes |
| Hirosawa 1987 | Natural history of atrial fibrillation | Outcomes |
| Huggins 2022 | Prevalence and Cumulative Risk of Familial Idiopathic Dilated Cardiomyopathy | Outcomes |
| Hussen 2021 | Ischemic Cardiomyopathy Evaluation with Coronary Calcium Score And Ct Angiogram | Outcomes |
| Jamil 2017 | Comparison of Clinical Characteristics, Complications, and Outcomes in Recipients Having Heart Transplants <65 Years of Age Versus >=65 Years of Age | Outcomes |
| Keeling 1995 | Familial dilated cardiomyopathy in the United Kingdom | Outcomes |
| Kinnamon 2017 | Toward Genetics-Driven Early Intervention in Dilated Cardiomyopathy: Design and Implementation of the DCM Precision Medicine Study | Outcomes |
| Lakdawala 2013 | Dilated Cardiomyopathy | Outcomes |
| Lapi 2013 | Representativeness of the "fiesole Misurata" study database for use in pharmaco-epidemiological investigations on adherence to antihypertensive medications | Outcomes |
| Lassalle 2018 | Is there a cardiotoxicity associated with metallic head hip prostheses? A cohort study in the French national health insurance databases | Outcomes |
| Lertsuttimetta 2022 | The discrepancies between clinical and histopathological diagnoses of cardiomyopathies in patients with stage D heart failure undergoing heart transplantation | Outcomes |
| Levitas 2016 | D117N in Cypher/ZASP may not be a causative mutation for dilated cardiomyopathy and ventricular arrhythmias | Outcomes |
| Lilienfeld 1992 | Morbidity from congestive and hypertrophic cardiomyopathy in the Minneapolis-St Paul metropolitan area: 1979-1984 | Outcomes |
| Marinescu 2011 | Nutritional and micronutrient determinants of idiopathic dilated cardiomyopathy: Diagnostic and therapeutic implications | Outcomes |
| Massie 1998 | Regional differences in the characteristics and treatment of patients participating in an international heart failure trial. The Assessment of Treatment with Lisinopril and Survival (ATLAS) Trial Investigators | Outcomes |
| Merlo 2016 | The Prognostic Impact of the Evolution of RV Function in Idiopathic DCM | Outcomes |
| Morales 2020 | Fourth Annual Pediatric Interagency Registry for Mechanical Circulatory Support (Pedimacs) Report | Outcomes |
| Morentin 2019 | Sports-related sudden cardiac death due to myocardial diseases on a population from 1-35 years: a multicentre forensic study in Spain | Outcomes |
| Murphy 2022 | Effective Cardiovascular Screening of Military Recruits Requires an Electrocardiogram | Outcomes |
| Ng 2013 | Interpreting secondary cardiac disease variants in an exome cohort | Outcomes |
| Nooriasl 2021 | Comparison of the response to cardiac resynchronization therapy defibrillator implantation between patients with and without fragmented QRS in electrocardiography | Outcomes |
| Pagano 2023 | Clinical profile and outcome of cardiomyopathies in infants and children seen at a tertiary center | Outcomes |
| Pena-Pena 2021 | Clinical utility of genetic testing in patients with dilated cardiomyopathy | Outcomes |
| Petretta 2011 | Review and metaanalysis of the frequency of familial dilated cardiomyopathy | Outcomes |
| Puggia 2016 | Natural History of Dilated Cardiomyopathy in Children | Outcomes |
| Restrepo-Cordoba 2021 | Prevalence and Clinical Outcomes of Dystrophin associated Dilated Cardiomyopathy without severe skeletal myopathy | Outcomes |
| Ryerson 2006 | QT intervals in metabolic dilated cardiomyopathy | Outcomes |
| Schultheiss 2011 | Drugs and/or devices in dilated cardiomyopathy | Outcomes |
| Shirai 2020 | Non-Scar-Related and Purkinje-Related Ventricular Tachycardia in Patients with Structural Heart Disease: Prevalence, Mapping Features, and Clinical Outcomes | Outcomes |
| Shrestha 2021 | Ectopic Expression of miR-424(322)/503 Triggers Acute and Reversible Dilated Cardiomyopathy | Outcomes |
| Simpson 2015 | A predictive model for canine dilated cardiomyopathy-a meta-analysis of Doberman Pinscher data | Outcomes |
| Sole 1995 | Shifting the paradigm for the treatment of dilated cardiomyopathy | Outcomes |
| Stabile 2009 | Long-term outcomes of CRT-PM versus CRT-D recipients | Outcomes |
| Vaseghi 2018 | Outcomes of Catheter Ablation of Ventricular Tachycardia Based on Etiology in Nonischemic Heart Disease: An International Ventricular Tachycardia Ablation Center Collaborative Study | Outcomes |
| Vasiljevic 1990 | The incidence of myocarditis in endomyocardial biopsy samples from patients with congestive heart failure | Outcomes |
| Vissing 2021 | Family screening in dilated cardiomyopathy; long-term incidence and potential for limiting follow-up | Outcomes |
| Vissing 2022 | Family Screening in Dilated Cardiomyopathy: Prevalence, Incidence, and Potential for Limiting Follow-Up | Outcomes |
| Vissing 2022 | Family screening in dilated cardiomyopathy-qualifying screening and need for follow-up | Outcomes |
| Voss 2007 | Comparison of nonlinear methods symbolic dynamics, detrended fluctuation, and Poincare plot analysis in risk stratification in patients with dilated cardiomyopathy | Outcomes |
| Wasmer 2013 | Comparing outcome of patients with coronary artery disease and dilated cardiomyopathy in ICD and CRT recipients: Data from the German DEVICE - Registry | Outcomes |
| Wong 2013 | Clinical characteristics and outcomes of young and very young adults with heart failure: The CHARM programme (candesartan in heart failure assessment of reduction in mortality and morbidity) | Outcomes |
| Worku 2012 | The CentriMag ventricular assist device in acute heart failure refractory to medical management | Outcomes |
| Zaklyazminskaya 2019 | Low mutation rate in the TTN gene in paediatric patients with dilated cardiomyopathy - a pilot study | Outcomes |
| Abelmann 1985 | Incidence of dilated cardiomyopathy | Study design |
| Bozkurt 2016 | Current Diagnostic and Treatment Strategies for Specific Dilated Cardiomyopathies: A Scientific Statement from the American Heart Association | Study design |
| Charron 2001 | Are we ready for pharmacogenomics in heart failure? | Study design |
| Cohen 2019 | Dilated cardiomyopathy in children: moving beyond traditional pharmacologic therapy | Study design |
| Dec 1994 | Idiopathic dilated cardiomyopathy | Study design |
| Friman 1995 | The epidemiology of infectious myocarditis, lymphocytic myocarditis and dilated cardiomyopathy | Study design |
| Gagliardi 2006 | Dilated cardiomyopathy in children | Study design |
| Hsu 2010 | Dilated Cardiomyopathy and Heart Failure in Children | Study design |
| Lee 2017 | Pediatric cardiomyopathies | Study design |
| Lipshultz 2013 | Pediatric cardiomyopathies: Causes, epidemiology, clinical course, preventive strategies, and therapies | Study design |
| Lipshultz 2019 | Cardiomyopathy in Children: Classification and Diagnosis: A Scientific Statement from the American Heart Association | Study design |
| Manolio 1992 | Prevalence and Etiology of Idiopathic Dilated Cardiomyopathy (summary of a National Heart, Lung, and Blood Institute workshop) | Study design |
| Maron 2006 | Contemporary definitions and classification of the cardiomyopathies: an American Heart Association Scientific Statement from the Council on Clinical Cardiology, Heart Failure and Transplantation Committee; Quality of Care and Outcomes Research and Functional Genomics and Translational Biology Interdisciplinary Working Groups; and Council on Epidemiology and Prevention | Study design |
| Masarone 2018 | Epidemiology and Clinical Aspects of Genetic Cardiomyopathies | Study design |
| McKenna 2017 | Classification, epidemiology, and global burden of cardiomyopathies | Study design |
| McKenna 2021 | Epidemiology of the inherited cardiomyopathies | Study design |
| McMinn 1995 | Hereditary dilated cardiomyopathy | Study design |
| Pasqualucci 2022 | Epidemiology of cardiomyopathies: essential context knowledge for a tailored clinical work-up | Study design |
| Passantino 2018 | Cardiomyopathies in children - inherited heart muscle disease: Overview of hypertrophic, dilated, restrictive and non-compaction phenotypes | Study design |
| Rath 2021 | Overview of Cardiomyopathies in Childhood | Study design |
| Reichart 2019 | Dilated Cardiomyopathy - From Epidemiologic to Genetic Phenotypes: A Translational Review of Current Literature | Study design |
| Sabater-Molina 2020 | Genetic factors involved in cardiomyopathies and in cancer | Study design |
| Soares 2017 | Neonatal dilated cardiomyopathy | Study design |
| Stambader 2010 | Genetic polymorphisms in dilated cardiomyopathy | Study design |
| Taylor 2006 | Cardiomyopathy, familial dilated | Study design |
| Weintraub 2017 | Dilated Cardiomyopathy | Study design |
| Choudhry 2019 | An Update on Pediatric Cardiomyopathy | Study design |
| Ciarambino 2021 | Cardiomyopathies: An overview | Study design |
| Durand 1995 | Molecular and clinical aspects of inherited cardiomyopathies | Study design |
| Pauschinger 2006 | Frontiers in viral diagnostics | Study design |
| Araujo-Gutierrez 2018 | Incidence and outcomes of cancer treatment-related cardiomyopathy among referrals for advanced heart failure | Subpopulation |
| Aronow 1997 | Prevalence of echocardiographic findings in 554 men and in 1,243 women aged >60 years in a long-term health care facility | Subpopulation |
| Barbaro 1998 | Cardiac involvement in the acquired immunodeficiency syndrome: a multicenter clinical-pathological study. Gruppo Italiano per lo Studio Cardiologico dei pazienti affetti da AIDS Investigators | Subpopulation |
| Bertoni 2003 | Diabetes and idiopathic cardiomyopathy: a nationwide case-control study | Subpopulation |
| Bezerra Diogenes 2005 | Cardiac longitudinal study of children perinatally exposed to human immunodeficiency virus type 1 | Subpopulation |
| Caliskan 2012 | Frequency of asymptomatic disease among family members with noncompaction cardiomyopathy | Subpopulation |
| Chhikara 2022 | The Primary Cardiomyopathy of Systemic Sclerosis on Cardiovascular Magnetic Resonance Imaging | Subpopulation |
| Connor 2021 | Prevalence and outcomes of primary cardiomyopathy in Marfan syndrome | Subpopulation |
| Dhesi 2017 | Association Between Diabetes During Pregnancy and Peripartum Cardiomyopathy: A Population-Level Analysis of 309,825 Women | Subpopulation |
| Diaz-Gil 2021 | Prediction of cardiomyopathic features of Marfan's syndrome | Subpopulation |
| Ferencz 1992 | Cardiomyopathy in infancy: Observations in an epidemiologic study | Subpopulation |
| Fisher 2005 | Mild dilated cardiomyopathy and increased left ventricular mass predict mortality: The Prospective P<sup>2</sup>C<sup>2</sup> HIV Multicenter Study | Subpopulation |
| Goerss 1995 | Frequency of familial dilated cardiomyopathy | Subpopulation |
| Gunderson 2011 | Epidemiology of peripartum cardiomyopathy: Incidence, predictors, and outcomes | Subpopulation |
| Hilfiker-Kleiner 2014 | Pathophysiology and epidemiology of peripartum cardiomyopathy | Subpopulation |
| Hunter 2020 | Vitamin D deficiency cardiomyopathy in Scotland: A retrospective review of the last decade | Subpopulation |
| Ibrahim 2021 | Epidemiology of cardiomyopathy in Haitian patients seen in a United States urban, safety-net, Academic Medical Center | Subpopulation |
| Jacob 1992 | Myocardial dysfunction in patients infected with HIV: Prevalence and risk factors | Subpopulation |
| Kinsella 2020 | Comparison of Heart Transplantation Outcomes: Adult Congenital Heart Disease vs Matched Cardiac Patients in a Quaternary Reference Centre | Subpopulation |
| Kneussel 2022 | High incidence of primary cardiomyopathy features in children and adolescents with Marfan syndrome | Subpopulation |
| Kolte 2014 | Temporal trends in incidence and outcomes of peripartum cardiomyopathy in the United States: a nationwide population-based study | Subpopulation |
| Lao 2021 | Prevalence of cardiac disease in Duchenne muscular dystrophy patients by age: A cardiac magnetic resonance natural history study | Subpopulation |
| Limongelli 2010 | Prevalence and natural history of heart disease in adults with primary mitochondrial respiratory chain disease | Subpopulation |
| Lok 2011 | Peripartum cardiomyopathy: The need for a national database | Subpopulation |
| Mahmod 2012 | Prevalence of cardiomyopathy in asymptomatic patients with left bundle branch block referred for cardiovascular magnetic resonance imaging | Subpopulation |
| Mathews Jr 1981 | Echocardiographic abnormalities in chronic alcoholics with and without overt congestive heart failure | Subpopulation |
| Michels 2003 | Frequency of development of idiopathic dilated cardiomyopathy among relatives of patients with idiopathic dilated cardiomyopathy | Subpopulation |
| Miller 2008 | Association of Uncomplicated Electrocardiographic Conduction Blocks With Subsequent Cardiac Morbidity in a Community-Based Population (Olmsted County, Minnesota) | Subpopulation |
| Milovancev 2021 | Screening for cardiovascular diseases in athletes | Subpopulation |
| Monserrat 2002 | Familial dilated cardiomyopathy in patients transplanted for idiopathic dilated cardiomyopathy | Subpopulation |
| Morrison 2021 | Masters athlete screening study (MASS): Incidence of cardiovascular disease and major adverse cardiac events over five years of screening | Subpopulation |
| Mullertz 2018 | Outcome of clinical management in relatives of sudden cardiac death victims | Subpopulation |
| Nigro 1990 | The incidence and evolution of cardiomyopathy in Duchenne muscular dystrophy | Subpopulation |
| O'Neill 2005 | Residual high incidence of ventricular arrhythmias after left ventricular reconstructive surgery | Subpopulation |
| Pelliccia 2016 | Cardiovascular diseases in Paralympic athletes | Subpopulation |
| Peterson 2021 | Aetiology and incidence of sudden cardiac arrest and death in young competitive athletes in the USA: a 4-year prospective study | Subpopulation |
| Piano 2002 | Alcoholic cardiomyopathy: Incidence, clinical characteristics, and pathophysiology | Subpopulation |
| Rucklova 2022 | Prevalence and course of cardiac complications in children with long chain fatty acid oxidation disorders before and after newborn screening | Subpopulation |
| Sagy 2017 | Peripartum cardiomyopathy is associated with increased uric acid concentrations: A population based study | Subpopulation |
| Sanna 2021 | Prevalence, clinical and instrumental features of left bundle branch block-induced cardiomyopathy: the CLIMB registry | Subpopulation |
| Seidelmann 2016 | Familial dilated cardiomyopathy diagnosis is commonly overlooked at the time of transplant listing | Subpopulation |
| Shahin 2022 | Predictors of ICU admission in patients with peripartum cardiomyopathy | Subpopulation |
| Sliwa 2014 | Incidence and prevalence of pregnancy-related heart disease | Subpopulation |
| Sparkes 2007 | Cardiac features of a novel autosomal recessive dilated cardiomyopathic syndrome due to defective importation of mitochondrial protein | Subpopulation |
| Suarez-Mier 2002 | Causes of sudden death during sports activities in Spain | Subpopulation |
| Terrier 2013 | Presentation and prognosis of cardiac involvement in hepatitis C virus-related vasculitis | Subpopulation |
| Teshnisi 2020 | Prognosis of heart transplant patients in Mashhad University of Medical Sciences | Subpopulation |
| Tsujii 2016 | High incidence of dilated cardiomyopathy after right ventricular inlet pacing in patients with congenital complete atrioventricular block | Subpopulation |
| Zareba 2003 | Cardiovascular complications in patients with HIV infection | Subpopulation |

Records excluded for the reason “Country not of interest” were those that did not report data for our key countries of interest (i.e., did not report on data from the United States, France, Germany, Italy, Spain, or the United Kingdom). Records excluded for the reason “Outcomes” were those that did not report prevalence or incidence data for dilated cardiomyopathy. Records excluded for the reason “Study design” were studies that were not observational studies. Records excluded for the reason “Subpopulation” were those that did not report prevalence or incidence within a general population, but rather reported the proportion of patients with dilated cardiomyopathy within a subpopulation.