

# Cardiac complications of congenital disorders of glycosylation: a review of the literature

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Protein N-Glycosylation in Cardiovascular Diseases and Related Risk Factors. Current Cardiovascular Risk Reports, 2018, 12, 1.	0.8	19
2	Recognizable phenotypes in CDG. Journal of Inherited Metabolic Disease, 2018, 41, 541-553.	1.7	68
3	Keeping an eye on congenital disorders of O-glycosylation: a systematic literature review. Journal of Inherited Metabolic Disease, 2019, 42, 29.	1.7	7
4	Congenital disorders of glycosylation. Annals of Translational Medicine, 2018, 6, 477-477.	0.7	148
5	Genetic testing in pediatric cardiomyopathies: Implications for diagnosis and management. Progress in Pediatric Cardiology, 2018, 51, 24-30.	0.2	3
6	Defective mucin-type glycosylation on Î±-dystroglycan in COG-deficient cells increases its susceptibility to bacterial proteases. Journal of Biological Chemistry, 2018, 293, 14534-14544.	1.6	3
7	CDG Therapies: From Bench to Bedside. International Journal of Molecular Sciences, 2018, 19, 1304.	1.8	69
8	An Electronic Questionnaire for Liver Assessment in Congenital Disorders of Glycosylation (LeQCDG): A Patient-Centered Study. JIMD Reports, 2018, 44, 55-64.	0.7	14
9	Reduced myocyte complex N-glycosylation causes dilated cardiomyopathy. FASEB Journal, 2019, 33, 1248-1261.	0.2	14
10	Dissection of TMEM165 function in Golgi glycosylation and its Mn <sup>2+</sup> sensitivity. Biochimie, 2019, 165, 123-130.	1.3	22
11	The congenital disorder of glycosylation in PGM1 (PGM1-CDG) can cause severe cardiomyopathy and unexpected sudden cardiac death in childhood. Forensic Science International: Genetics, 2019, 43, 102111.	1.6	12
12	Reduced hybrid/complex N-glycosylation disrupts cardiac electrical signaling and calcium handling in a model of dilated cardiomyopathy. Journal of Molecular and Cellular Cardiology, 2019, 132, 13-23.	0.9	16
13	Mechanisms of in utero cortisol effects on the newborn heart revealed by transcriptomic modeling. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2019, 316, R323-R337.	0.9	11
14	Keeping an eye on congenital disorders of O-glycosylation: A systematic literature review. Journal of Inherited Metabolic Disease, 2019, 42, 29-48.	1.7	22
15	A mutation in mannose-6-phosphate-6-epoxide utilization defect 1 reveals clinical symptoms of congenital disorders of glycosylation type I and dystroglycanopathy. JIMD Reports, 2019, 50, 31-39.	0.7	14
16	Functional glycomics: Application to medical science and hepatology. Hepatology Research, 2020, 50, 153-164.	1.8	17
17	Vascular ring anomaly in a patient with phosphomannomutase 2 deficiency: A case report and review of the literature. JIMD Reports, 2020, 56, 27-33.	0.7	3
18	Reference glycan structure libraries of primary human cardiomyocytes and pluripotent stem cell-derived cardiomyocytes reveal cell-type and culture stage-specific glycan phenotypes. Journal of Molecular and Cellular Cardiology, 2020, 139, 33-46.	0.9	18

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19	Expanding the clinical and metabolic phenotype of DPM2 deficient congenital disorders of glycosylation. <i>Molecular Genetics and Metabolism</i> , 2021, 132, 27-37.	0.5	10
20	Deciphering the premature mortality in PIGA-CDG – An untold story. <i>Epilepsy Research</i> , 2021, 170, 106530.	0.8	15
21	Clinical, biochemical and molecular phenotype of congenital disorders of glycosylation: long-term follow-up. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 17.	1.2	22
22	Using micro pillar array columns (µPAC) for the analysis of permethylated glycans. <i>Analyst, The</i> , 2021, 146, 4374-4383.	1.7	15
23	Cystic kidney diseases associated with mutations in phosphomannomutase 2 promotor: a large spectrum of phenotypes. <i>Pediatric Nephrology</i> , 2021, 36, 2361-2369.	0.9	5
24	Importance of evaluating protein glycosylation in pluripotent stem cell-derived cardiomyocytes for research and clinical applications. <i>Pflugers Archiv European Journal of Physiology</i> , 2021, 473, 1041-1059.	1.3	8
25	Spatial N-glycomics of the human aortic valve in development and pediatric endstage congenital aortic valve stenosis. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 154, 6-20.	0.9	16
26	Altered Glycosylation in the Aging Heart. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 673044.	1.6	10
27	Proteomic and Glyco(proteo)mic tools in the profiling of cardiac progenitors and pluripotent stem cell derived cardiomyocytes: Accelerating translation into therapy. <i>Biotechnology Advances</i> , 2021, 49, 107755.	6.0	6
28	Experiences of parents with children with congenital disorders of glycosylation: What can we learn from them?. <i>Disability and Health Journal</i> , 2021, 14, 101065.	1.6	11
29	Congenital Disorders of Glycosylation: What Clinicians Need to Know?. <i>Frontiers in Pediatrics</i> , 2021, 9, 715151.	0.9	21
31	Changes in the Expression of Renal Brush Border Membrane N-Glycome in Model Rats with Chronic Kidney Diseases. <i>Biomolecules</i> , 2021, 11, 1677.	1.8	4
32	Glycans and Cardiovascular Diseases. , 2021, , .		0
34	Simulation Modeling of Reduced Glycosylation Effects on Potassium Channels of Mouse Cardiomyocytes. <i>Frontiers in Physiology</i> , 2022, 13, 816651.	1.3	3
35	NGLY1 Deficiency, a Congenital Disorder of Deglycosylation: From Disease Gene Function to Pathophysiology. <i>Cells</i> , 2022, 11, 1155.	1.8	13
36	Nutrition interventions in congenital disorders of glycosylation. <i>Trends in Molecular Medicine</i> , 2022, 28, 463-481.	3.5	14
37	A Community-Led Approach As a Guide to Overcome Challenges for Therapy Research in Congenital Disorders of Glycosylation. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6829.	1.2	1
39	Glycosylation of a key cubilin Asn residue results in reduced binding to albumin. <i>Journal of Biological Chemistry</i> , 2022, 298, 102371.	1.6	0

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40	Alterations of the Sialylation Machinery in Brugada Syndrome. International Journal of Molecular Sciences, 2022, 23, 13154.	1.8	1
41	Successful heart transplantation in an infant with phosphoglucomutase 1 deficiency (<sc>PGM1â€CDG</sc>). JIMD Reports, 2023, 64, 123-128.	0.7	1
42	Unique clinical presentations and follow-up outcomes from experience with congenital disorders of glycosylation: PMM2-PGM1-DPAGT1-MPI-POMT2-B3GALNT2-DPM1-SRD5A3-CDG. Journal of Pediatric Endocrinology and Metabolism, 2023, .	0.4	0
47	Other Types of Cardiomyopathy. , 2023, , 351-374.		0