

Supplementary Table S1

Reference <i>Publication</i> <i>year/</i> [Reference number]	Study group (Number of patients) C-children A-adults, Age (R - Range M- Median)	Control group: Yes/No (Number of individuals) C-children A-adults	Study design	Heart diseases in study groups
Mohammed et al. 2014/[20]	C(60) R:5-36 mo. M: 16 mo.	Yes C (30)	prospective	ASD VSD AVSD PDA Other congenital heart defects
Numano F et al. 2015/[24]	(144) C (63) R: 10-69 mo. M: 35,4 mo. A (81) R: no data M: no data	Yes C (7) A (68)	prospective	Kawasaki Disease
Kotby et al. 2016/[19]	C(45) R:2 mo–15 y. M: 9 y.	Yes C (45)	Prospective, cross- sectional	DCM CHD RHD
Woulfe KC et al. 2017/[23]	(52) C (42) R:0,05 – 17,7 y. M: 4 y. A(10) R: 20-60 y. M: 51 y.	Yes C (22) A (10)	prospective	IDC
Frank BS et al 2018./[28]	C(27) R: 2 d.-12 y. M: 0,7 y.	No	Prospective, cohort study	CoA before and after repair.
Zegelbone et al. 2019/[29]	C(16) R:12-57 y. M:15,5 y.	No	prospective	TOF after repair
Elhewala et al. 2020/[22]	C (40) R: 6-36 mo. M: 15,48 mo.	Yes C(20)	prospective	CHD

	C(145) (13 neonates, 52 infants, 80 older children)				
Parker et al. 2020/[25]	*no mortality or readmission group R: 5,2-80,6 mo. M: 34,8 mo. *readmission or mortality group R: 4,1-48,7 mo. M: 7,4 mo.	No	Prospective, cohort study	VSD AVSD PVR	
Saleh et al. 2020/[21]	C (75) R: 0,6-9,3 y. M: 3,7 y.	Yes C (40)	Prospective, cohort study	ASD VSD PDA ASD+VSD PS CMR TGA TOF	
Parsons et al. 2020/[27]	C (162) R: 0-18 y. M: 4,05 y.	No	Prospective, observational	CHD	
Greenberg et al. 2021/[26]	C(395) R: 1 mo. – 18 y. M: no data	No	Prospective, cohort study	CHD	
Pietrzak et al. 2021/[31]	C (25) R: 11-17 y. M: 14,3 y.	C (21)	prospective	Ventricular arrhythmia	
Bosch et al. 2021/[30]	C (133) R: 10,4-15,9y. M: 13,2 y.	No	Prospective, multicenter	HLHS TA PA DILV DORV	