

Web Table I Cardiac Involvement in Children With MIS-C

Study	<i>Belhadjer, et al.</i> [20]	<i>Verdoni, et al.</i> [21]	<i>Riphagen, et al.</i> [22]	<i>Chiotos, et al.</i> [23]	<i>Feldstei, et al.</i> [24]	<i>Durfort, et al.</i> [25]	<i>Whittaker, et al.</i> [26]
Patients	35	10	8	6	186	99	58
Age*, y	2-16 (median 10)	2.9-16 (mean 7.5)	4-13 (mean 8.9)	5-14 (mean 8.5)	3.3-12.5 (median 8.3)	0-5 (31%), 6-12 (42%)	5.7-14 (median 9)
Male	51%	70%	62%	17%	62%	54%	66%
Chest pain	6 (17)	NA	0	0	-	11 (11)	-
Gastrointestinal symptoms	Nausea, diarrhea (83)	Diarrhea 6 (60)	Diarrhea 7 (88) Abdominal pain 6 (75) Vomiting 4 (50)	Diarrhea 4 (67) Abdominal pain/ Vomiting 5 (83)	171 (92)	79 (80) Abdominal pain 60 (61), nausea or vomiting 57 (58), diarrhea 49 (49)	Abdominal pain 31 (53), diarrhea 30 (52), vomiting 26 (45)
Cardiogenic shock	28 (80)	5 (50)	8 (100)	6 (100)	-	32 (32)	29 (50)
Arrhythmias	1 (3)	0	1 (12.5)	1 (17)	22 (12)	-	4 (7)
Cardiac high-sensitivity troponin concentration	347 (186-1267) ng/mL [median (range)]	Troponin I 1004 (1862) ng/L, mean (SD) Elevated in 5/9 (55)	Troponin > 50 ng/L 4 (50%), mean (SD), 252.5 (103.9) ng/L	Troponin > 0.3 ng/mL 2/6 (33%), mean (SD), 0.48 (0.22) ng/mL	Elevated troponin 64 (50) %	Elevated troponin 63 (71)	45 (8-294) ng/L (n=56)
BNP or NT-pro BNP	*NT-proBNP (n=5) 41484 (35811-52475) pg/mL; *BNP (n=28) 5743 (2648-11909) pg/mL, median (range)	1255 (929) ng/L; Elevated in 10 (100)	Elevated 5/8 (62.5) 19961.4 (5567.6) ng/L	BNP (> 100 pg/mL) 5 (100), 4671.4 (3,138.9) pg/mL	Elevated BNP (> 400 pg/mL) 112 (73)	Elevated BNP 74 (90)	*NT-proBNP 788 (174 -10548) pg/mL (n=29)
Systolic ventricular dysfunction	35 (100) LVEF <30% (28); LVEF 30-50% (72)	5 (50) LVEF 25-48%	6 (75)	4 (67) LVEF <30%	71 (38); LVEF <30%, 9 (5), LVEF 30-55% 61 (33)	51 (52), 32 (32) pericardial effusion	18/29 (62)
Coronary artery dilation (>2Z)	6 (17)	2 (20)	1 (12.5)	1 (12.5)	15 (8) [#]	9 (9)	8 (14.5)
ECMO	10 (28)	None	1 (12.5)	0	7 (4)	4 (4)	3 (5)
Inotropic support	28 (80)	2 (20)	8 (100)	5 (83)	89 (48)	61 (62)	27 (47)
IVIG	25 (71)	10 (80)	8 (100)	6 (100)	144 (77)	69 (70)	41 (71)
Corticosteroids	12 (34)	8 (80)	5 (62.5)	5 (83)	91 (49)	63 (64)	37 (64)
IL-1 receptor antagonist	3 (8)	0	0	1 (17)	24 (13)	-	3 (5)
Mortality	0	0	1 (12.5)	0	4 (2)	2 (2)	1 (2)

All values in no. (%) except *range (mean/median) or detailed; BNP: Brain type natriuretic peptide; NT-proBNP: N-terminal pro-brain type natriuretic peptide; LVEF: Left ventricular ejection fraction; ECMO: Extracorporeal membrane oxygenation; IVIG: Intravenous immunoglobulin; corticosteroids: Intravenous corticosteroids; [#] z score > 2.5.