

Table 1:

		Patients		≤ 5 years	> 5 years	p-value
		obs.	n (%) / median (IQR)	n (%) / median (IQR)	n (%) / median (IQR)	
Age, yrs		210	7 (3-10)	3 (1-4)	9 (8-12)	
Gender, Male		210	131 (62%)	48 (55%)	83 (67%)	ns
Temperature, °C		203	38.1 (37.2-39)	38.1 (37.2-39)	38.1 (37.3-38.9)	ns
Heart Rate		188	130 (112-150)	140 (124-155)	123 (110-140)	<0.05
Respiratory Rate		85	28 (22-32)	28 (24-32)	28 (20-32)	ns
Oxygen saturation		193	98 (97-99)	98 (97-99)	98 (97-99)	ns
Systolic blood pressure		134	99 (90-108)	97 (90-103)	100 (91-109)	ns
Diastolic blood pressure		135	55 (50-65)	55 (50-60)	50 (50-67)	ns
Capillary refill time, sec.		135	2.0 (2-2)	2 (2-2)	2.0 (2-2)	ns
General conditions		207				
	Good		74 (36%)	32 (37%)	42 (35%)	ns
	Discrete		94 (45%)	44 (51%)	50 (41%)	
	Mediocre		33 (16%)	8 (9%)	25 (21%)	
	Critical		6 (3%)	2 (2%)	4 (3%)	
Rash		210				
	Absent		105 (50%)	57 (66%)	48 (39%)	<0.05
	Maculo-papular		64 (30%)	31 (36%)	33 (27%)	ns
	Urticarial		11 (5%)	7 (8%)	4 (3%)	ns
	Vasculitic		7 (3%)	3 (3%)	4 (3%)	ns
	Erythematous		34 (16%)	21 (24%)	13 (11%)	<0.05
Mucocutaneous involvement		210	118 (56%)	60 (69%)	58 (47%)	<0.05
	Cheilitis		50 (24%)	30 (34%)	20 (16%)	<0.05
	Strawberry tongue		19 (9%)	13 (15%)	6 (5%)	<0.05
	Other		70 (33%)	31 (36%)	39 (32%)	ns
Changes to of the extremities		210	51 (24%)	29 (33%)	22 (18%)	<0.05
Ocular Involvement		210	104 (50%)	51 (59%)	53 (43%)	<0.05
	Conjunctival injection		97 (46%)	46 (53%)	51 (41%)	ns
	Uveitis		0	0	0	ns
	Papilledema		0	0	0	ns
	Other		13 (6%)	11 (13%)	2 (2%)	<0.05
Gastrointestinal involvement		210	159 (76%)	54 (62%)	105 (85%)	<0.05
	Abdominal pain		92 (44%)	21 (24%)	71 (58%)	<0.05
	Diarrhea		82 (39%)	22 (25%)	60 (49%)	<0.05
	Vomiting		87 (41%)	28 (32%)	59 (48%)	<0.05
	Hydrops of gallbladder		1 (0%)	0	1 (1%)	ns
	Pancreatitis		1 (0%)	0	1 (1%)	ns
	Other		13 (6%)	7 (8%)	6 (5%)	ns
Neurological involvement		210	107 (51%)	47 (54%)	60 (49%)	ns
	Headaches		22 (10%)	4 (5%)	18 (15%)	<0.05
	Irritability		33 (16%)	23 (26%)	10 (8%)	<0.05

	Meningism		7 (3%)	4 (5%)	3 (2%)	ns
	Altered mental state		6 (3%)	3 (3%)	3 (2%)	ns
	Asthenia		49 (23%)	15 (17%)	34 (28%)	ns
	Other		5 (2%)	1 (1%)	4 (3%)	ns
Respiratory Involvement		210	50 (23%)	16 (18%)	34 (28%)	ns
	Cough		24 (11%)	7 (8%)	17 (14%)	ns
	Dyspnea		10 (5%)	3 (3%)	7 (6%)	ns
	Tachypnea		12 (6%)	4 (5%)	8 (7%)	ns
	Lobar pneumonia		4 (2%)	1 (1%)	3 (2%)	ns
	Interstitial lung diseases		5 (2%)	3 (3%)	2 (2%)	ns
	Other		12 (6%)	3 (3%)	9 (7%)	ns
Cardiac Involvement		210	98 (47%)	37 (43%)	61 (50%)	ns
	Myocarditis		37 (18%)	12 (14%)	25 (20%)	ns
	Pericarditis		15 (7%)	2 (2%)	13 (11%)	<0.05
	Valvular regurgitation		35 (17%)	13 (15%)	22 (18%)	ns
	Coronary dilatation (2-2,5mm)		16 (8%)	9 (10%)	7 (6%)	ns
	Coronary aneurysm (>2,5mm)		8 (4%)	6 (7%)	2 (2%)	ns
	Heart failure		22 (10%)	6 (7%)	16 (13%)	ns
	Hypotension		15 (7%)	3 (3%)	12 (10%)	ns
	Shock		1 (0%)	1 (1%)	0	ns
	Cardiac arrest		0	0	0	
Hepatomegaly		210	7 (3%)	0	7 (6%)	<0.05
Splenomegaly		210	6 (3%)	1 (1%)	5 (4%)	ns
Lymphadenopathy		210	44 (21%)	23 (33%)	15 (12%)	<0.05
Chest Pain		210	10 (5%)	0	10 (8%)	<0.05
Musculoskeletal involvement		210	32 (15%)	8 (9%)	24 (20%)	<0.05
	Arthritis		1 (0%)	0	1 (1%)	ns
	Arthralgia		17 (8%)	5 (6%)	12 (10%)	ns
	Myalgia		17 (8%)	3 (3%)	14 (11%)	<0.05
	other		7 (3%)	3 (3%)	4 (3%)	ns
Oxygen supplementation		210	11 (5%)	3 (3%)	8 (7%)	ns

Table 2. Laboratory data of the study population.

	Patients		≤ 5 years	> 5 years	p-value
	obs.	median (IQR)	median (IQR)	median (IQR)	
WBC count (RR 5-15.5 x 10 ³ /μL)	207	10000 (7280-14150)	11985 (8040-16170)	9180 (7000-12310)	<0.05
Lymphocyte count (R.R.1.3 – 8.5 x 10 ³ /μL)	197	1070 (690-2000)	1990 (1250-3420)	860 (565-1150)	<0.05
Neutrophil count (R.R.1.3 – 8.5 x 10 ³ /μL)	207	7850 (5590-11210)	8480 (5785-12120)	7398 (5360-10510)	<0.05
Platelet count (R.R. 140 – 440 x 10 ³ /μL)	207	197 (146-271)	230 (182-335)	181 (135-228)	<0.05
Hemoglobin (R.R. 10.5 – 14 g/dL)	202	11.7 (10.9-12.6)	11.2 (10.3-11.9)	12.0 (11.3-12.9)	<0.05
AST (R.R. 5 – 58 U/L)	207	36 (26-57)	36.5 (28.0-53.0)	36.0 (26.0-58.0)	ns
ALT (R.R. 8 – 40 U/L)	207	27 (17-53)	26 (17-46)	28 (17-54)	ns
CK (R.R. 24 – 170 U/L)	178	62 (38-121)	61 (40-97)	64 (37-139)	ns
LDH (R.R. 300-550 U/L)	191	326 (266-491)	354 (282-502)	322 (255-436)	ns
Creatinin (R.R. 0.3 – 0.53 mg/dL)	205	0.47 (0.40-0.60)	0.39 (0.30-0.47)	0.54 (0.46-0.69)	<0.05
Blood urea (R.R. 10-38 mg/dL)	172	23.5 (18-32.5)	22 (17-28)	25 (19-35)	ns
Total bilirubin (R.R. 0.1-1.10 mg/dL)	153	0.49 (0.35-0.61)	0.40 (0.30-0.59)	0.50 (0.40-0.76)	ns
Amylase (R.R. 10-80 U/L)	109	31 (19-49)	30.5 (12.5-47.0)	32.0 (21.0-54.0)	ns
Lipase (R.R. 13-60 U/L)	60	30.5 (13-72.5)	27 (11-50)	34 (18-93)	ns
Sodium (R.R. 135-145 mEq/L)	208	133 (131-136)	133 (131-136)	133 (130-136)	ns
Potassium (R.R. 3.4-5.5 mEq/L)	203	4 (3.7-4.4)	4.2 (3.8-4.6)	4,0 (3.6-4.2)	<0.05
Chlorine (R.R. 96-115 mEq/L)	172	98 (95-101)	98 (95-101)	98 (95-100)	ns
Albumin (R.R. 3.4 – 4.8 g/dL)	173	3.4 (2.9-3.9)	3.2 (2.8-4.0)	3,6 (3.0-3.9)	ns
Triglycerides (R.R. 35-90 mg/dL)	122	162 (117-226)	170 (114-225)	154 (122-227)	ns
C-RP (R.R. < 5 mg/L)	210	126 (83-210)	126 (73-200)	128 (90-213)	ns
Procalcitonin (R.R < 0.5 ng/mL)	146	5.9 (1.7-29.9)	5.6 (1.5-23.0)	6.1 (1.8-32.4)	ns
ESR (R.R. < 20 mm/h)	91	51 (35-65)	50 (31-65)	53 (44-66)	ns
Ferritin (R.R. 7 - 54 ng/L)	160	426 (219-697)	316 (172-520)	488 (257-913)	<0.05
Troponin T R.R.(0-15 ng/L)	75	23.3 (7.0-53.8)	10.0 (3.0-24.0)	31.5 (13.6-81.0)	<0.05
Troponin I (R.R. <20 ng/L)	47	36.6 (5.0-100)	30.2 (5.0-100.0)	48.9 (5.5-100.0)	ns
Troponin HS (R.R.1-14 ng/L)	49	35.5 (4.0-257)	3.8 (1.0-19.0)	145.5 (11.0-1170.5)	<0.05
Myoglobin (R.R. 20-72 ng/mL)	34	23.1 (21.0-38.5)	30.1 (21.0-130.9)	21.7 (21.0-34.3)	ns
Pro-BNP (R.R.<125 pg/mL)	90	1304 (249,2-4032)	2118 (364-5125)	960 (138-3424)	ns
BNP (R.R. 0 - 100 pg/mL)	63	179 (65-745)	147 (68-496)	203 (58-763)	ns
PT/INR ratio (R.R.0.8-1.20)	142	1.18 (1.07-1.28)	1.11 (1.02-1.26)	1.20 (1.12-1.30)	<0.05
Fibrinogen (R.R. 180 – 400 mg/dL)	185	575 (480-698)	547 (481-657)	610 (469-700)	<0.05
D-dimer (R.R. 0 – 270 ng/ml)	170	2378 (1120-4120)	2350 (1147-4300)	2406 (1076-3999)	ns

WBC, white blood cells; AST, aspartate aminotransferase; ALT, alanine aminotransferase; CK, creatin kinase; LDH, lactate dehydrogenase; CRP, C-reactive protein, ESR, erythrocyte sedimentation rate; BNP, brain natriuretic peptide; INR, Prothrombin time/International normalized ratio.

