



COVID -19 in namazee hospital

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Sex / Age distribution

Among 95 patients with COVID -19 :

- Male : 55 % (52/95)
- Female : 45% (43/95)
- < 2 years : 22% (21/95)
- **2-10 years : 40% (38/95)**
- > 10 years : 37% (36/95)
- Minimum age : 3 d/o
- Maximum age : 17 y/o

Definition

PCR positive , HRCT positive : 69 % (65/95)

PCR negative , HRCT positive : 31 % (30/95)

Family history of contact : 10.6 %

Most cases in children result from household exposure, usually with an adult as the index patient

ICU admission

- ICU admission : 29.5%
(28/95)
 - 0-2 years : 50% (7/14)
 - 2-10years :31%(9/29)
 - >10 years : 44% (11/25)

Infants are vulnerable to 2019-nCoV infection

Epidemiology of COVID-19 Among Children in China

- Nationwide case series of 2135 pediatric patients with COVID-19 :
 - confirmed 34%
 - suspected 65.9%
 - sever : 5%
 - critical 0.6%

Signs & Symptoms

Fever	64	68%
tachycardia	42	55%
cough	48	50%
Dyspnea	37	40%
tachypnea	26	37.00%
Nausea & vomiting	26	28.00%
Diarrhea	18	19%
anorexia	17	18%
Abdominal pain	13	14%
body pain	8	9%
rash	6	6.50%
chest pain	5	6%

Case report



COVID-19 Presented with Gastrointestinal Manifestations in an 11-Days-Old Neonate: A Case Report and Review of the Literature

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Laboratory finding

	Minimum	Maximum	Mean
Hb	6.10	16.70	11.34
Plt	20.00	805.00	269.76
BUN	3.00	395.00	19.5
Cr	.10	14.30	.97
Na	129.00	167.00	140
K	1.30	7.40	4.63
ESR	1.00	191.00	46
CRP	1.00	150.00	54.68

	Frequency	Valid percent
Leukocytosis	25	26%
Lymphopenia	26	27%

Laboratory . Finding

	Minimum	Maximum	mean
LDH	168.00	2830.00	771.76
Ferittin	5.80	1802.50	528.28
Ddimer	120.00	10000.00	3256.49
Troponin	1.50	369.00	68.5
CPK	17.00	13230.00	493
AST	4.00	1218.00	94.51
ALT	3.00	1011.00	51.32
T.Bil	.20	32.20	2.60
D.Bil	.10	16.80	1.2
PT	11.50	78.90	18.84
PTT	25.00	120.00	38.62
INR	.80	5.80	1.53

Underlying diseases

- **Healthy : 55 %**

- Underlying diseases :

CP ,CHD, CF, Liver dx , DM , Sickle cell anemia , leukemia , wegener ,...

COVID-19 Disease Severity Risk Factors for Pediatric Patients in Italy

- Pediatric patients (3836)

 - 5.4% presented underlying medical conditions severe in 4.3%

 - 3.5% were admitted in ICU, and **4 deaths** occurred

Underlying disease (dead patients)

- Cp
- Wegener
- ALPS
- HCC
- Tyrosinemia
- Wilson
- ARF & Endocarditis
- Major Thalssemia

Dead : 13.6 %

Coinfection

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Case Report

A Case of COVID 19 and *Staphylococcus* Coinfection

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Abstract

Since December 2019, we have seen a significant number of cases of a novel coronavirus (2019-nCov), first identified in Wuhan China. Coronavirus might coexist with other infections such as *Staphylococcus*.

Keywords: Coinfection, COVID 19, *Staphylococcus*

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In a systematic review of COVID-19 in 1183 children from 26 countries, coinfection was detected in 5.6 percent.

Thank
you

