

TABLE 1: Characteristics of COVID-19 symptomatic children presenting with olfactory and/or gustatory dysfunction (OGD).

Characteristics	Children
Total no. enrolled/screened (%)	30/50 (60%)
With olfactory and/or gustatory dysfunction	8/30 (26.66%)
Age	
Mean \pm SD, IQR (years/months/days)	
Total children enrolled (n=30)	11.1 \pm 3.1 years (9–12.25)
Children with olfactory/gustatory dysfunction (n=8)	12.6 \pm 2.7 years* (11–15.25) years
Children without olfactory/gustatory dysfunction (n=22)	10.6 \pm 3.1 years* (10–12) years
Sex, no. /total OGD no. (%)	
Male	6/8 (75%)
COVID-19 severity classification †	
No. /total (%)	
With olfactory and/or gustatory dysfunction	
Mild	1/8 (12.5%)
Moderate	4 / 8 (50%)
Severe	3/8 (37.5%)
Without olfactory and/or gustatory dysfunction	
Mild	6/22 (27.3%)
Moderate	7/22 (31.8%)
Severe	9/22 (40.9%)
Olfactory and/or gustatory dysfunction	
No. /total OGD (%)	
Olfactory dysfunction only	0/8 (0%)
Gustatory dysfunction only	3/8 (37.5%)
Olfactory and gustatory dysfunction	5/8 (62.5%)
Onset of olfactory dysfunction	
No. /total olfactory dysfunction (%)	
As the only symptom of COVID-19	0/5 (0%)
Before onset of other COVID-19 symptoms	1/5 (20%)
At the same time as other COVID-19 symptoms	4/5 (80%)
After other COVID-19 symptoms	0/5 (0%)
Onset of gustatory dysfunction	
No. /total gustatory dysfunction (%)	
As the only COVID-19 symptom	0/8 (0%)
Before onset of other COVID-19 symptoms	2/8 (25%)
Concurrently with other COVID-19 symptoms	6/8 (75%)
After other COVID-19 symptoms	0/8 (0%)
Severity of olfactory dysfunction (1–10 points) ‡	
No. /total olfactory dysfunction (%)	
Mild (1–3)	0/5 (0%)
Moderate (4–6)	0/5 (0%)
Severe (7–10)	5/5 (100%)
Severity of gustatory dysfunction (0–10) ‡	
No. /total gustatory dysfunction (%)	
Mild (1–3)	0/8 (0%)
Moderate (4–6)	0/8 (0%)

Severe (7–10)

8/8 (100%)

Duration of olfactory dysfunction

No. /total olfactory dysfunction (%)

1–2 weeks	1/5 (20%)
3–4 weeks	1/5 (20%)
4–6 weeks	0/5 (0%)
7 weeks	3/5 (60%)

→Median 45 days, IQR: 18–120 days, Range: 15–120 days.

Duration of gustatory dysfunction

No. /total gustatory dysfunction (%)

1–2 weeks	5/7 (71.4%)
3–4 weeks	0/7
4–6 weeks	0/7
7 weeks	2/7 (28.6%)

→Median 10 days, IQR: 5–45 days, Range: 2–120 days.

Blood test (n=4)

(median, IQR)

C-reactive protein (CRP) mg/dl	4.39 (0.26 – 14.45)
D-dimer mg/L	1.45 (0.62 – 3.61)
Ferritin ng/ml	230.5 (60 – 893)
Total lymphocytes ($\times 10^9$ cells/L)	1.73 (0.65 – 2.96)

IQR: interquartile range; SD standard deviation, PICU: paediatric intensive care unit

* p=0.045

† From reference 9. Qiu C, et al. Qiu classification for COVID-19 grade of severity: mild (low fever, mild cough, slight fatigue, and no evidence of pneumonia on imaging), moderate (fever and respiratory symptoms, and evidence of pneumonia on imaging), severe (dyspnea, tachypnea, desaturation or radiologic worsening over 24–48 hours) and critical (respiratory failure, septic shock, and/or multiple-organ dysfunction).

‡: Modified from reference 1. Izquierdo-Domínguez A, et al. Normosmic-mild (0–3 points), moderate (4–6 points), and severe olfactory or gustatory loss (7–10 points).