

**Table 1**

	Patient 1	Patient 2	Patient 3	Patient 4	Patient 5	Patient 6
<b>Demographics</b>						
Age	16	16	18	16	17	17
Sex	Male	Female	Male	Male	Male	Male
<b>Vaping History</b>						
Frequency	Weekly, variable response	Over a year ago, variable response	Frequently until a month prior to admission	Daily	Last used two weeks prior to admission	Frequently till June and then restarted few weeks before admission
Marijuana products	Yes	Yes	Yes	Yes	Yes	Yes
<b>Clinical Characteristics</b>						
Fever	Yes	Yes	Yes	Yes	Yes	Yes
Days of fever prior to admission	4	6	7	3	7	6
GI Symptoms	Yes	Yes	Yes	Yes	No	Yes
Abdominal Pain	Yes	Yes	Yes	No	No	Yes
Other	Vomiting, diarrhea and nausea	Vomiting	Vomiting and diarrhea	Vomiting, diarrhea	Post tussive emesis, headache	Vomiting, headache
Dyspnea	Yes	No	Yes	Yes	Yes	No
Length of stay	8	5	3	8	4	5
PICU stay	Yes	No	No	No	No	No
Oxygen support	Yes	No	Yes	Yes	No	No
Ventilatory support	HFNC	No	No	No	No	No
Antibiotics	Yes	Yes	Yes	Yes	Yes	Yes

Laboratory findings						
WBC (4.5-13.5 x10 <sup>3</sup> µL)	7.8	12.8	10	20.7	14.2	10.5
Neutrophils (39-75%)	93	85	88	95	80	90
Lymphocytes (25-45%)	4	11	8	2	15	8
Platelets (140-440 x10 <sup>3</sup> µL)	125	418	251	317	273	371
ESR (<15 mm/h)	70	113		96	67	96
CRP (<1.2 mg/dL)	327	372		894	274	790
Procalcitonin (<0.5 ng/mL)	30	22.3	24.5	41.6	26.3	>45
Ferritin (31-294 ng/mL)	5.6	<0.5	1.1	1.5		<0.5
Albumin (3.4-5.2 g/dL)	3.5	4.2	3.7	4.1	4.1	3.2
LDH (325-650 U/L)	31.1	21		105		64
Fibrinogen (170-410 mg/dL)	<0.010	<0.010		<0.010	<0.010	<0.010
D-dimer ( <0.50 mcg/mL)	<60	876		1100		806
IL-6 (≤ 2 pg/mL)	0.95	3.48		1.04	0.89	1.52
IL-10 (≤ 2.8 pg/mL)	14.5	18		20.9		
Troponin (<0.029 ng/mL)	1015	860	773	2322	929	1084
BNP (<60 pg/mL)	Positive		Positive		Positive	Positive

Imaging findings						
Chest X-Ray	increased bibasilar confluent alveolar opacities again with some sparing of the periphery	Nodular alveolar opacities in the lower lobes with interstitial density which could indicate an atypical pneumonia and possibly associated edema.		Bibasilar interstitial opacities.	Alveolar opacities to both lower lobes, perihilar regions, worse on the right	Bilateral, predominantly right middle lobe, airspace opacities
CT Chest	Diffuse hazy groundglass opacification	Multifocal mixed groundglass and consolidative airspace disease, involving primarily bilateral upper and bilateral lower lobes	Multifocal airspace disease with relative subpleural sparing	Multifocal groundglass opacities bilaterally	Multifocal groundglass opacities bilaterally with some regions of interlobular septal thickening, hilar lymphadenopathy	Bilateral basilar groundglass opacity with subpleural sparing and left hilar calcifications

Abbreviations: GI: Gastrointestinal; PICU: Pediatric Intensive Care Unit; HFNC: High-Flow Nasal Canula; WBC: White blood count; ESR: Erythrocyte sedimentation rate; CRP: C-reactive protein; LDH: Lactate Dehydrogenase; BNP: Brain Natriuretic Peptide; CT: Computerized Tomography