

Supplementary File 1. Published case reports of newly diagnosed inflammatory bowel disease following COVID-19.

Reference	Sex	Age, y	COVID-19		Inflammatory bowel disease			
			Presentation	Treatment	Presentation	Interval to diagnosis, mo	Type	Treatment
Calabrese et al. (2020) (9)	F	19	Fever; nausea; vomiting; bloody diarrhea; loss of taste and smell; anemia	HCQ	Severe anemia	1	UC	CS + 5-ASA
Taxonera et al. (2021) (10)	F	Young adult	Fever; sore throat; myalgia; dyspnea; watery diarrhea	HCQ + LOP/RTV + AZI	Persistent bloody diarrhea	4	UC	Oral + topical 5-ASA
Aydın and Taşdemir (2021) (11)	M	50	Fever; dyspnea	HCQ + AZI	Persistent bloody diarrhea	1	UC	Oral 5-ASA + enema
Imperatore et al. (2021) (12)	M	55	Pneumonia	CS + AZI + HEP	Abdominal pain; chronic bloody diarrhea	4	UC	Not reported by the authors
Senthamizhselvan et al. (2021) (13)	F	33	Sore throat; fever; myalgia	APAP	Watery diarrhea; periumbilical pain; oral ulcers; arthralgia; weight loss; anal fissure	1	CD	CS + sulfasalazine
Kartsoli et al. (2022) (14)	M	74	Fever; rhinorrhea; watery diarrhea	None	Fever; bloody diarrhea	1	UC	Oral + topical 5-ASA
Elbadry et al. (2022), case 1 (15)	M	37	Respiratory symptoms	CS	Bloody diarrhea	2	UC	CS + 5-ASA
Elbadry et al. (2022), case 2 (15)	M	64	Constitutional and respiratory symptoms	None	Abdominal pain; bloody diarrhea	1	UC	CS + 5-ASA
Fonseca Mora et al. (2022) (16)	M	84	Recurrent diarrhea; dysphagia	ICU care + FC + VCM + PIP/TAZ → CPFX + MTZ	Intermittent bloody diarrhea; weight loss; poor appetite; generalized abdominal pain	1–2	UC	CS + oral/IV 5-ASA
Tursi and Nenna (2022) (17)	F	47	Weakness; myalgia; diarrhea	APAP	Large-volume persistent diarrhea	5	CD	CS
Preziosi et al. (2022) (18)	F	9	Fever; cough; bloody diarrhea; hematochezia	Not reported by the authors	Abdominal pain; diarrhea; hematochezia	1	UC	CS + 5-ASA → infliximab
Kim et al. (2023), case 1 (19)	M	17	Sore throat; cough; fever	None	Nausea; vomiting; watery diarrhea; periumbilical pain; fever; weight loss; oral ulcers	1–2	CD	CS + azathioprine
Kim et al. (2023), case 2 (19)	M	11	Fever	None	Periumbilical pain; watery diarrhea; weight loss	2	CD	CS + azathioprine
Nawghare et al. (2023) (20)	M	28	Fever; cough	HCQ	Bloody diarrhea; fever	<1	UC	CS + 5-ASA
Morita et al. (2023) (21)	F	13	Fever; cough; dysgeusia	None	Abdominal pain; persistent diarrhea; hematochezia	1	UC	5-ASA → CS
Xia et al. (2023) (22)	M	21	Sore throat; headache; lethargy	None	Diarrhea; abdominal pain	1–2	UC	CS + 5-ASA
Swatski et al. (2023), case 1 (23)	F	16	Not reported; no hospitalization required	None	Abdominal pain; hematochezia	<1	UC	CS → 5-ASA + infliximab
Swatski et al. (2023), case 2 (23)	F	16	Not reported; no hospitalization required	None	Abdominal pain; hematochezia; headache; nausea; fatigue	2	UC	CS + 5-ASA → infliximab
Swatski et al. (2023), case 3 (23)	F	12	Not reported; no hospitalization required	None	Abdominal pain; hematochezia	<1	UC	CS → infliximab

Abbreviations: 5-ASA, 5-aminosalicylic acid; APAP, acetaminophen; AZI, azithromycin; CD, Crohn's disease; CPFX, ciprofloxacin; CS, corticosteroids; F, female; FC, fluid challenge; HEP, heparin; HCQ, hydroxychloroquine; ICU, intensive care unit; IV, intravenous; LOP/RTV, lopinavir/ritonavir; M, male; MTZ, metronidazole; PIP/TAZ, piperacillin/tazobactam; UC, ulcerative colitis; VCM, vancomycin.