

Supplemental Online Content

Gupta S, Lee JJ, Perrin A, et al. Efficacy and safety of saline nasal irrigation plus theophylline for treatment of COVID-19–related olfactory dysfunction: the SCENT2 phase 2 randomized clinical trial. *JAMA Otolaryngol Head Neck Surg*. Published July 7, 2022.
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eTable 1. Report of COVID-19 Infection Symptoms and Severity of Disease for the 51 Enrolled Patients With Chronic Olfactory Dysfunction

eTable 2. Side Effects as Reported by the Patients Who Completed the Study

This supplemental material has been provided by the authors to give readers additional information about their work.

eTable 1. Report of COVID-19 Infection Symptoms and Severity of Disease for the 51 Enrolled Patients With Chronic Olfactory Dysfunction

COVID Symptoms at Presentation	Number (%) of subjects that reported the symptom for the 51 enrolled subjects	Theophylline Arm (n=26)	Placebo Arm (n=25)
New loss of smell	51 (100%)	26 (51%)	25 (49%)
New loss of taste	45 (88%)	21 (47%)	24 (53%)
Fatigue or tiredness	40 (78%)	18 (45%)	22 (55%)
Headache	33 (65%)	16 (48%)	17 (52%)
Muscle or body aches	31 (61%)	14 (45%)	17 (55%)
Congestion or running nose	30 (59%)	18 (60%)	12 (40%)
Fever or Chills	24 (47%)	11 (46%)	13 (54%)
Cough	22 (43%)	12 (55%)	10 (45%)
Diarrhea	14 (28%)	11 (79%)	3 (21%)
Shortness of Breath	13 (26%)	8 (62%)	5 (38%)
Sore throat	8 (16%)	5 (63%)	3 (37%)
Nausea or Vomiting	6 (12%)	4 (67%)	2 (33%)
Severity of COVID Infection	Number (%) of the 51 enrolled subjects		
Only smell and/or taste loss	7 (14%)	4 (57%)	3 (43%)
Mild symptoms (did not disrupt daily life)	18 (35%)	11 (61%)	7 (39%)
Moderate symptoms (somewhat disrupted daily life)	23 (45%)	11 (48%)	12 (52%)
Breathing concerns, requiring hospitalization, or worse	3 (6%)	0 (0)	3 (100%)

*Percentages are calculate by row.

eTable 2. Side Effects as Reported by the Patients Who Completed the Study

	Placebo Arm (n=23)		Theophylline Arm (n=22)	
	3 weeks	6 weeks	3 weeks	6 weeks
Lightheadedness	2	1	2	0
Nausea	0	1	1	0
Vomiting	0	0	0	0
Diarrhea	0	1	0	1
Abdominal pain	0	2	1	0
Insomnia	0	3	2	2
Tremors	1	1	2	0
Tachycardia	3	0	1	1
Arrhythmia	0	0	0	0
Seizures	0	0	0	0
Rash	0	0	0	0
Other	1 ^a	0	0	1 ^b

^a One patient reported unexplained swelling of his hands and feet. ^b One patient reported severe parosmia and fowl taste directly caused by the intervention.