

# THE LANCET

## Infectious Diseases

### Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed. We post it as supplied by the authors.

Supplement to: Angelo KM, Smith T, Camprubí-Ferrer D, et al. Epidemiological and clinical characteristics of patients with monkeypox in the GeoSentinel Network: a cross-sectional study. *Lancet Infect Dis* 2022; published online Oct 7. [https://doi.org/10.1016/S1473-3099\(22\)00651-X](https://doi.org/10.1016/S1473-3099(22)00651-X).

APPENDIX Table 1. Comparison of clinical presentations, treatment, and outcomes among confirmed monkeypox patients with one sexual partner and ≥10 sexual partners reported to GeoSentinel, May 1–July 1, 2022 (N=65)

Characteristics			One partner (N=38)	N	%	≥10 partners (N=27)	N	%	p-value
Signs and symptoms (patient reported)		Rash or skin lesions anywhere on the body	28	38	75	13	27	48	0.04*^
		Fever (subjective or measured)	21	38	55	13	27	48	0.57^
		Genital and/or perianal lesions	17	38	45	15	27	56	0.39^
		Fatigue (malaise)	15	38	40	8	27	30	0.41^
		Enlarged lymph nodes	14	38	37	12	27	44	0.54^
		Sore throat (pharyngitis)	11	38	29	2	27	7	0.06
		Headache	9	38	24	2	27	7	0.10
		Muscle aches (myalgia)	9	38	24	4	27	15	0.53
		Rectal pain	8	38	21	3	27	11	0.34
		Chills	6	38	1	4	27	15	1
		Cough	2	38	5	3	27	11	0.64
		Diarrhea	2	38	5	1	27	4	1
		Itching (pruritis)	2	38	5	8	27	30	0.01*
		Sweats	2	38	5	4	27	15	0.22
		Urgency to defecate (tenesmus)	2	38	5	2	27		1

		Back pain	1	38	3	1	27	4	1
		Pain with urination (dysuria)	1	38	3	1	27	4	1
		Red eyes (conjunctivitis or keratitis)	1	38	3	0	27	0	..
		Rectal bleeding	1	38	3	2	27	7	0.57
		Runny nose (rhinitis)	1	38	3	0	27	0	1
		Abdominal pain	0	38	0	0	27	0	..
		Edema	0	38	0	1	27	4	0.42
		Eye lesions	0	38	0	0	27	0	..
		Nausea	0	38	0	0	27	0	..
		Pus or blood in stool	0	38	0	1	27	4	0.42
		Shortness of breath	0	38	0	0	27	0	..
		Wheezing	0	38	0	0	27	0	..
		Vomiting	0	38	0	0	27	0	..
		None	1	38	3	0	27	0	1
		Other <sup>a</sup>	1	38	3	0	27	0	1
<b>Physical Exam</b>				38			27		
Documented fever		Yes	8	38	21	3	23	13	0.51
Rash and/or skin lesions		Yes	37	38	97	26	26	100	1
Composite rash score, median			8 (1, 60; 6, 18)	37		8 (1, 60; 6, 18)	26		<0.0001

(range; IQR 25 <sup>th</sup> and 75 <sup>th</sup> percentiles)									
	Anatomic location(s)	Genitals	15	38	40	14	27	52	0.32 <sup>^</sup>
		Trunk	12	37	32	7	27	26	0.57 <sup>^</sup>
		Arms	10	37	27	7	27	26	0.92 <sup>^</sup>
		Mouth, lips, or oral mucosa	10	38	26	3	27	11	0.21
		Perianal	10	38	26	8	27	30	0.77 <sup>^</sup>
		Face	8	38	21	8	27	30	0.43 <sup>^</sup>
		Palms of hands	4	38	11	6	27	22	0.30
		Head	2	37	5	1	27	4	1
		Soles of feet	2	38	5	1	27	4	1
		Neck	0	37	0	1	27	4	0.41
		Other <sup>b</sup>	3	38	8	2	27	7	1
	Same stage of development	Yes	17	35	49	17	24	71	0.09
	Same size	Yes	13	34	38	11	24	46	0.56
	Characteristics	Well-circumscribed	27	35	77	17	24	71	0.58 <sup>^</sup>
		Umbilicated	24	35	69	16	24	67	0.88 <sup>^</sup>
		Deep seated and profound in the skin	17	35	49	7	24	29	0.14 <sup>^</sup>
		Other <sup>c</sup>	10	35	29	8	24	33	0.70 <sup>^</sup>

Lymphadenopathy		Yes	18	37	49	17	27	63	0-26
	Anatomic location(s)	Inguinal	12	18	67	11	15	73	0-72
		Cervical	8	18	44	4	15	27	0-47
		Submandibular	3	18	17	0	15	0	0-23
		Axillary	2	18	11	0	15	0	0-49
		Other <sup>d</sup>	1	18	6	0	15	0	1
Other STI		Yes	6	38	16	4	24	17	1
<b>Treatment</b>									
Received treatment		Tecovirimat (ST-246)	3	38	8	1	27	4	0-64
		Cidofovir	1	38	3	4	27	15	0-15
		Brincidofovir	0	38	0	0	27	0	..
		Vaccinia immune globulin (VIG)	0	38	0	0	27	0	..
		No known monkeypox treatment	34	38	90	21	27	78	0-30
<b>Outcomes</b>									
Hospitalized		Yes	7	38	18	1	27	4	0-13
	Reason for hospitalization	Severe illness	3	7	43	1	1	100	1
		Need for isolation	2	7	29	0	1	0	1
		Other <sup>e</sup>	2	7	29	0	1	0	1

Outcome at last contact		Alive and discharged	35	38	92	26	27	96	0.64
		Alive and still hospitalized	3	38	8	1	27	4	0.64
		Deceased	0	38	0	0	27	0	..

IQR = interquartile range

STI = sexually transmitted infection

<sup>a</sup>Other symptom was poor appetite/weight loss

<sup>b</sup>Other anatomic locations included inguinal (n=2), buttocks, fingers, and back

<sup>c</sup>Other characteristics included descriptions such as papules, vesicles, ulcers, necrosis, etc.

<sup>d</sup>Other anatomic locations was pre-auricular

<sup>e</sup>Other reasons for hospitalization were supportive care (n=3)

<sup>^</sup>Chi-square p-value; all other tests are Fisher's exact tests; Wilcox rank test for composite rash score