



Supporting Information

Supplementary results

This appendix was part of the submitted manuscript and has been peer reviewed. It is posted as supplied by the authors.

Appendix to: Joseph J, Truong K, Tatian A, Wargon O. An outbreak of reactive infectious mucocutaneous eruptions (RIME) after *Mycoplasma pneumoniae* infections in Sydney, 2024: retrospective case series. *Med J Aust* 2024; doi: 10.5694/mja2.52434.

Patient characteristics, signs, symptoms, investigations, and treatments

Case	Age (years)	Sex	Respiratory prodrome (days)	Skin findings	Eye findings	Oral findings	Urethral findings	Mycoplasma DNA PCR or IgM serology	Investigations*	Treatment†	New medications	Hospital length of stay (days)	Immuno-suppressant
1	12	M	10	Nil	Nil	Haemorrhagic crusted lips, mucositis, lip swelling	Nil	Positive	CRP 63 WCC 8.2	Standard Prednisolone oral Azithromycin Ceftriaxone Clonidine Gabapentin	N	7	Y
2	13	M	10	Nil	Conjunctivitis	Haemorrhagic crusted lips, mucositis, lip swelling	Dysuria, inflammation of urethra	Positive	CRP 63 WCC 8.5	Standard Azithromycin Chloramphenicol eye drops Clonidine Cocaine mouthwash Dexamethasone eye drops	N	6	N
3	11	M	7	Erythematous plaques and bullae on the arms, legs, face, and ears	Conjunctivitis	Haemorrhagic crusted lips, mucositis, lip swelling	Nil	Positive	CRP 2 WCC 7.8	Standard Immunoglobulin (iv), three Aciclovir Ceftriaxone Vancomycin	Y	11	N
4	9	M	4	Generalised erythematous macules with some erosions	Conjunctivitis	Haemorrhagic crusted lips, mucositis, lip swelling	Dysuria, inflammation of urethra	Positive	CRP 82, WCC 8.2	Standard Azithromycin Chloramphenicol Ceftriaxone Dexamethasone oral Dexamethasone eye drops	N	10	Y
5	7	M	5	Bullous lesions, erythematous plaques on arms and legs	Conjunctivitis	Haemorrhagic crusted lips, mucositis, lip swelling	Nil	Positive	WCC 10.1 CRP 45	Standard Azithromycin Chloramphenicol Dexamethasone eye drops	N	7	N
6	12	M	7	Nil	Conjunctivitis	Haemorrhagic crusted lips, mucositis, lip swelling	Dysuria, inflammation of urethra	Positive	WCC 8.5 CRP 54	Standard Azithromycin Ceftriaxone Clindamycin Prednisolone oral	N	10	Y

Case	Age (years)	Sex	Respiratory prodrome (days)	Skin findings	Eye findings	Oral findings	Urethral findings	Mycoplasma DNA PCR or IgM serology	Investigations*	Treatment†	New medications	Hospital length of stay (days)	Immuno-suppressant
7	9	F	7	Atypical target lesions on anterior chest	Nil	Haemorrhagic crusted lips, mucositis, lip swelling	Nil	Positive	WCC 8 CRP 27	Standard Oral Augmentin Cefotaxime Flucloxacillin	Y	7	N
8	15	F	8	Nil	Nil	Haemorrhagic crusted lips, mucositis, lip swelling	Nil	Positive	WCC 14.7 CRP 154	Standard Ceftriaxone Metronidazole Dexamethasone oral	N	8	Y
9	16	F	5	Nil	Nil	Bullous inner lip lesion	Nil	Positive	WCC 10 CRP 10	Standard Ceftriaxone Azithromycin Prednisolone oral	N	4	Y
10	14	M	7	Bullae on arms and scrotum	Conjunctivitis	Haemorrhagic crusted lips, mucositis, lip swelling	Nil	Positive	WCC 9.7 CRP 75	Standard Azithromycin Ceftriaxone Amoxicillin Dexamethasone eye drops	N	5	N
11	13	F	10	Nil	Conjunctivitis	Haemorrhagic crusted lips, mucositis, lip swelling	Dysuria, inflammation of urethra	Positive	WCC 16 CRP 37	Standard Ceftriaxone Dexamethasone (iv)	N	10	Y
12	13	F	10	Atypical target lesions on hands	Nil	Haemorrhagic crusted lips, mucositis, lip swelling	Nil	Negative	WCC 4.9 CRP 71	Standard* Ceftriaxone Clindamycin Aciclovir Azithromycin	N	7	N
13	8	M	7	Typical target lesions on hands, knees and feet	Conjunctivitis	Haemorrhagic crusted lips, mucositis, lip swelling	Nil	Positive	WCC 6.2 CRP 1	Standard Azithromycin	N	4	N

PCR = polymerase chain reaction.

* WCC: white cell count ($10^9/L$; normal range, $3.5-11 \times 10^9/L$); CRP: C-reactive protein (mg/mL; normal range: $< 5.1 \text{ mg/L}$).

† Standard treatment: sodium bicarbonate mouthwash, lignocaine viscous mouth rinse, paracetamol, ocular lubricants, soft white paraffin to lips, nasogastric tube, pain team involvement.