

TABLE 1 Summary of case reports of NHPH infections in XLA (Total 27cases) .

		Cases	(%)		Sample	Cases	(%)					
Species	single pathogen	H. Cinaedi	11	40.74	Diagnosis method	16S sequencing	Blood	2	7.41			
		H. bilis	7	25.92		(14cases, 51.85%)	Biopsy	6	22.22			
		H.canis	1	3.70		Pus	1	3.70				
		H. fennelliae	1	3.70		Blood	5	18.52				
		Helicobacter sp	1	3.70		PCR	-	3	11.11			
		Helicobacter/Flexispira-like organism	1	3.70		mNGS (*)	Blood (*)	2	7.41			
		H. Equorum -like	1	3.70			Pus (*)	2	7.41			
		Canadensis-like	1	3.70		Cultures	Blood	4	14.81			
		Helicobacter trogontum	1	3.70			Pus	0	0.00			
		H. Canis and H. Bilis (F. rappini)	1	3.70		23S sequencing	-	1	3.70			
		H.equorum and H.canadensis (*)	1	3.70		Mass spectrometry	-	5	18.52			
		Type of infection	cellulitis (*) (17cases, 62.96%)	Lower limbs (*)		15	55.55	Antibiotics	Imipenem/cilastin (*)	-	8	29.63
				upper limb		4	14.81		Meropenem	-	5	18.52
unknown	2			7.41	Ertapenem	-	3		11.11			
P-G-like ulcer (*) (7cases, 25.92%)	lower limbs (*)			6	22.22	Panipenem/betamipron	-		1	3.70		
upper limbs	1			3.70	Ceftazidime	-	1		3.70			

TABLE 1 continue

Type of infection	Hyperpigmented plaques and subcutaneous nodules	both legs	1	3.70	Antibiotics	Doxycycline (*)	-	7	25.93
	Erythematous plaques	ankle	1	3.70		Minocycline	-	6	22.22
	* skin infection (all the above)	-	19	70.37		Amoxicillin/amoxicillinclavula nate potassium	-	4	14.81
	Sepsis (*)	-	12	44.44		Netronidazole	-	4	14.81
	Osteomyelitis	-	2	7.41		Ciprofloxacin	-	1	3.70
	Suppurative cholangitis	-	3	11.11		Tobramycin	-	1	3.70
	Abdominal abscess	-	1	3.70		Rifampicin (*)	-	3	11.11
	Refractory chronic pleurisy	-	1	3.70		Clarithromycin	-	3	11.11
	synovitis	-	1	3.70		Levofloxacin	-	1	3.70
						Amikacin	-	1	3.70
						Moxifloxacin	-	2	7.41
						Gentamicin	-	5	18.52
						Ceftriaxone	-	3	11.11
						Cefepime	-	1	3.70
						TrimethoprimSulfamethoxazole	-	2	7.41
				Vancomycin	-	1	3.70		
				Linezolid	-	1	3.70		
				Kanamycin	-	1	3.70		
				Fosfomycin (*)	-	2	7.41		
				Azithromycin	-	2	7.41		

(*) : our patient * There are 4 patients have both cellulitis and PG-like ulcers, and 4patients have both upper and lower extremity cellulitis.

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