

SAMPLE SIGNS AND SYMPTOMS OF BARTONELLA

Neuropsychological Symptoms	Participants Reporting	Non-Neuropsychological Symptoms	Participants Reporting
Sleep Disorders ^	27	Fatigue ^	26
Mental Confusion ^	24	Ocular Involvement	20
Irritability/Rage ^	23	Eye Pain ^	15
Anxiety/Panic Attacks ^	22	Blurred Vision ^	15
Depression ^	21	Light Sensitivity *	4
Headache/Migraine ^	21	Floaters/Flashes *	2
Tremors ^	12	Joint/Back/Neck Pain ^	20
Hallucinations ^	7	GI Issues *	17
Institutionalized (Psych) *	2	Bowel Dysfunction ^	11
Postural Orthostatic Tachycardia (POTS) *	5	Diarrhea ^	8
Seizures ^	4	Abdominal Pain *	3
Schizophrenia *	2	Vomiting/Nausea ^	4
Suicidal *	2	IBS *	1
Tourettes *	2	Bloating *	1
Paralysis ^	2	Muscle Pain ^	15
Mast Cell Activation Syndrome *	2	Respiratory ^	15
MS-Like diagnosis *	1	Muscle Weakness ^	14
Sudden Onset OCD *	1	Numbness ^	13
PANS *	1	Tachycardia (Not POTS) ^	10
Psychosis *	1	Tendonitis ^	8
Stuttering *	1	Syncope ^	6
		Dental Issues ^	6
		Jaw Pain *	5
		Gingival Recession *	2
		Mouth Ulcers *	1
		Fever ^ of Unknown Origin *	5
		Ehrlos Danlos Syndrome *	3

Neuropsychological Symptoms	Participants Reporting	Non-Neuropsychological Symptoms	Participants Reporting
		Cardiac (not reported elsewhere) *	2

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^ Symptoms checked off by participants on the Institutional Review Board-approved questionnaire. * Participants provided written responses in the medical survey questionnaire indicating prior diagnoses and/or conditions for which treatments were administered. GI: gastrointestinal, IBS: irritable bowel syndrome, OCD: obsessive-compulsive disorder, PANS: Pediatric Acute-onset Neuropsychiatric Syndrome, and MS: multiple sclerosis.

Source: Breitschwerdt EB, Bradley JM, Maggi RG, Lashnits E, Reicherter P. *Bartonella* Associated Cutaneous Lesions (BACL) in People with Neuropsychiatric Symptoms. *Pathogens*. 2020 Dec 4;9(12):1023. doi: 10.3390/pathogens9121023. PMID: 33291688; PMCID: PMC7761945.