

1. Lyme and its Co-infections Symptom Table

	Onset	Immune / Endocrine	Digestive	Musculoskeletal	Nervous	Circulatory	Urinary
LYME DISEASE	EM rash Flu-like symptoms Malaise Symptoms are cyclic	Body temp unregulated Chills Sweats and fevers Sore throat Swollen lymph glands Fatigue Thyroid dysfunction Enlarged spleen Sugar craving (candida) Continual infections Allergies	Difficulty with chewing, swallowing or speaking Stomach pain / upset Stomach / bowel cramps nausea or vomiting IBS and bloating Unexpected constipation and / or diarrhea	HEAD & NECK: Headaches Stiff / sore / pain in neck Fluid in head Facial twitching Sharp facial pain Itchy scalp Arthritic symptoms Migratory joint pain Bone sensitivity muscle cramps Tingling & numbness Swollen joints Body weakness Creaking, cracking joints	Bell's Palsy Pain, P&N's, numbness Dizziness Difficulty with spatial awareness Sensation of cob web on skin Hypersensitivity Fainting spells Tremors or shaking Flutters Increased motion sickness Restless legs syndrome Poor balance Jumpiness Decreased reflexes	Palpitations BP disturbances Arrhythmia's Inflammation of heart valves and lining of heart Lightheadedness	Bladder pain Frequent urination Loss of bladder awareness Straining to urinate Kidney problems Bedwetting in children Repeated UTI's
Babesia	Gradual non specific symptoms (malaria like) Occasionally a petechial rash	Problems with temp regulation Chills High or low grade fevers Night sweats Hormonal imbalances Malaise or listlessness Symptoms flare every 4-6 days Excessive breast tissue in males	Loss of appetite Stomach pain Nausea or vomiting Weight Loss Diarrhea Enlarged spleen Enlarged liver Lower belly fat	Stiff neck/head/jaw Pain & weakness in muscles & joints	Stabbing pains	Tachycardia Band of chest pressure Low blood pressure Congestive heart failure	Dark urine Kidney problems Renal failure & insufficiency
Bartonella	Flu-like symptoms Rash	Prolonged fevers Hot flushes Cold extremities Enlarged lymph nodes Swelling anywhere on body Slow healing Non-pitting edema Fainting	Low abdominal pain GIT lesions / disturbance Anaemia Weight gain Gastritis Enlarged spleen Poor appetite Liver disorder(s)	Sore / burning soles of the feet (or tingling) Pain in bone, s joints, muscles Lack of coordination Intense muscle spasms Joint swelling	Sharp frontal or top of head headaches Seizures Tremors Muscle weakness Numbness / sensation loss Paralysis	Thickened blood Bruising Spider / varicose veins Endocarditis Erratic pulse Broken / swollen veins	Kidney disorders
Rickettsia	Flu-like symptoms Fatigue	2 week fever - with onset a small button like ulcer 2-5mm diameter with black centre appears called an eschar - on 4th day of fever a red maculopapular rash appears on arms & extends to body Enlarged lymph nodes			Headaches	Vasculitis	

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Erichia / Ana-plasma	Flu-like symptoms Rash (Can be mild or asymptomatic)	Prolonged fever Chills Cough Sore throat	Upset stomach nausea Loss of appetite	Muscle aches	Severe, sharp, knife like headaches (often behind the eyes) Peripheral neuropathy Meningitis	Bleeds & bruises easily Anaemia Vasculitis	
Mycoplasma Fermentans	From asymptomatic to flu like aches and pains to debilitating muscles pain and cramps	Night sweats Chemical sensitivities Lymph node pain Periodic fevers	Abdominal bloating Nausea Diarrhea	Joint stiffness / pain Muscle spasms Balance problems Sensitive "trigger points" that can refer anywhere in the body	Headaches	BP issues Congestive heart failure	Problems with urination
Mycoplasma Pneumonia	Cough, sore throat, earaches, fever, chills	Laryngitis Slowly worsening dry cough (key symptom) Malaise		Muscle and joint pain lasting beyond infection	Temporary paralysis of face		
Chlamydia Pneumonia	Often mild or asymptomatic and therefore can go untreated and becomes chronic	Malaise / fatigue Fever / chills	Lack of appetite	Aches and pains Chest pain	headaches		

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	Reproductive	Respiratory	Senses	Dental	Sleep	Cognitive / Mental	Integumentary (Skin)
LYME DISEASE	<p>Testicular or pelvis pain Swollen testes Loss of libido Extreme PMS Breast/nipple pain Reproductive problems such as miscarriage, stillbirth, birth defects Delayed development & failure to thrive in kids</p>	<p>Cough Air hunger or gasping Respiratory infections Shortness of breath Exercise induced asthma</p>	<p>EARS- sound sensitivity, pain, ringing, popping, buzzing, hearing loss EYES - light sensitivity, floaters, burred vision, spots, pressure, drooping, inflamed, swelling NOSE - sinus, loss of smell, heightened smell, phantom smells MOUTH - difficulty swallowing, hoarseness, numb tongue, loss of taste</p>	<p>Difficulty chewing Chronic gingivitis Bleeding gums Jaw/gum pain Cracked lips</p>	<p>Difficulty falling asleep or staying asleep Tired no matter how much sleep Vivid nightmares Tired during the day Falling asleep during the day</p>	<p>Short term memory loss Brain fog Poor decision making Difficulty multi-tasking Dyslexia Stammering speech Difficulty finding commonly used words Difficulty reading / concentrating Poor spatial awareness / directional skills</p> <p>Depression Over-emotional Explosive irritability Panic attacks Anxiety Hearing things Hopelessness Suicidal thoughts Feel like you are losing your mind</p>	<p>EM rash Red face Skin sensitivity Itchiness Skin flushes & rashes Nodules under skin Eczema Unexplained hair loss</p>
Babesia		<p>Shortness of breath or air hunger Sore throat Cough</p>	<p>EYES - red, bloodshot, sore, sensitive to light</p>	<p>TMJ issues Sudden tooth & jaw pain</p>	<p>Unrelenting fatigue Insomnia</p>	<p>Hallucinations Emotional instability Confusional states brain fog Anxiety & Depression</p>	<p>Pallor Itchy Lumps Petechiae</p>
Bartonella		<p>Air hunger</p>	<p>EARS - Pain from sound EYES- Vision loss or blurry, Intense pressure, red, sensitivity, infections</p>	<p>Loss of jaw bone Poor teeth Pain in teeth or jaw</p>	<p>Insomnia Fatigue Significant sleep disruption</p>	<p>Inflammation of the brain & spinal cord Memory loss Brain fog Anxiety / panic attacks Feeling disconnected Disorientation Severe mood swings Decreased coping skills OCD Depression Overly sensitive & critical Impulsive</p>	<p>Odd rashes / markings -- red, hot, bluish, scar like elongations, raised red dots, splotches, thickened skin, lumps Itchy skins White / beige dotted skin/ chicken wire look to skin Tender subcutaneous nodules along extremities & shin bones</p>
Rickettsia			<p>Eye problems</p>				<p>rashes</p>
Erlchia / Ana-plasma		<p>Respiratory distress (lungs)</p>				<p>Confusion</p>	<p>Rash is rare but if it occurs it is red, flat or raised, pustular or papular. Fungal infections Genital and oral ulcers</p>

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Mycoplasma Fermentans		Congestion Coughing (persistent) Chest pain Breathing irregularities Chronic bronchitis	EYES - light sensitive, visual disturbances, floaters, eye pain		Sleep disturbance Chronic fatigue	Memory loss depression / anxiety / irritability / nervousness Poor concentration	
Mycoplasma Pneumonia		Pneumonia, bronchitis, chest & tracheal tenderness, non productive cough, nasal congestion	EARS - inflamed eardrum			Confusion Acute psychosis Aseptic meningitis	
Chlamydia Pneumonia		Sore scratchy throat Hoarse voice Coughing lasting many weeks Breathing difficulty - likely rapid	Severe sinusitis Nasal congestion EARS - inflamed eardrum EYES - double vision, decreased vision, infections			Confusion Acute psychosis Aseptic meningitis	non specific rashes