

## What is Lyme Disease?

Lyme disease is an infection caused by a bacteria (spirochete) that infects humans from the bite of ticks (or other vectors ie. mosquitos) which are infected with the bacteria.

Lyme Disease is called “The Great Imitator” because ***it can imitate many other diseases such as Chronic Fatigue Syndrome, Fibromyalgia***, MS, Parkinson’s Disease, Motor Neuron Disease (ALS), Guillain-Barre Syndrome, Juvenile-/ Rheumatoid Arthritis, Lupus, Alzheimer’s Disease as well as depression and anxiety.

Lyme Disease can affect any organ in the body including muscles & joints, the heart, gastro-intestinal system & neurological system (including the brain).

As well as giving people Lyme Disease, the ticks often also transmit other diseases (co-infections) such as Salmonella, Babesiosis, Bartonella, Ehrlichiosis, Tularemia, Rickettsia & Mycoplasma (to name a few).

## What are the symptoms of Lyme Disease?

Lyme Disease is generally categorized into:

1. early Lyme Disease &
2. late (or Chronic) Lyme Disease

### **Early Localised Lyme Disease Symptoms:**

- **flu-like symptoms** such as headache, fever, muscle soreness & unexplained fatigue.
- Fewer than 50% of people with Lyme Disease develop the “bull’s-eye” (or erythema migrans) rash a few days or even a few weeks after their tick bite (if they remember the bite)

### **Late (Chronic) Lyme Disease Symptoms**

#### **Head, Face, Neck**

- Unexplained hair loss
- Headache, mild or severe, Seizures
- Pressure in head, white matter lesions in brain (MRI)
- Facial paralysis (Bell’s Palsy, Homer’s syndrome)
- Tingling of nose, (tip of) tongue, cheek or facial flushing
- Stiff or painful neck
- Twitching of facial or other muscles
- Jaw pain or stiffness
- Dental problems (unexplained)
- Sore throat, clearing throat a lot, phlegm, hoarseness, runny nose

#### **Eyes/Vision**

- Double or blurry vision
- Increased floating spots
- Pain in eyes, or swelling around eyes
- Oversensitivity to light
- Flashing lights/Peripheral waves/phantom images in corner of eyes

#### **Ears/Hearing**

- Decreased hearing in one or both ears, plugged ears
- Buzzing in ears
- Pain in ears, oversensitivity to sounds
- Ringing in one or both ears

#### **Digestive and Excretory Systems**

- Diarrhea
- Constipation
- Irritable bladder (trouble starting, stopping) or Interstitial cystitis
- Upset stomach (nausea or pain) or GERD (gastroesophageal reflux disease)

#### **Musculoskeletal System**

- Bone pain, joint pain or swelling, carpal tunnel syndrome
- Stiffness of joints, back, neck, tennis elbow
- ***Muscle pain or cramps (Fibromyalgia)***

### Neurologic System

- Tremors or unexplained shaking
- **Burning or stabbing sensations in the body**
- **Fatigue, Chronic Fatigue Syndrome**, weakness, peripheral neuropathy or partial paralysis
- Pressure in the head
- **Numbness in body, tingling, pinpricks**
- Poor balance, dizziness, difficulty walking
- Increased motion sickness
- Lightheadedness, wooziness

### Psychological well-being

- Mood swings, irritability, bi-polar disorder
- Unusual depression
- Disorientation (getting or feeling lost)
- Feeling as if you are losing your mind
- Over-emotional reactions, crying easily
- Too much sleep, or insomnia
- Difficulty falling or staying asleep
- Narcolepsy, sleep apnea
- Panic attacks, anxiety

### Mental Capability

- **Memory loss (short or long term)**
- Confusion, difficulty in thinking
- Difficulty with concentration or reading
- Going to the wrong place
- Speech difficulty (slurred or slow)
- Stammering speech
- Forgetting how to perform simple tasks

### Reproduction and Sexuality

- Loss of sex drive
- Sexual dysfunction
- Unexplained menstrual pain, irregularity
- Unexplained breast pain, discharge
- Testicular or pelvic pain

### Respiratory and Circulatory Systems

- Shortness of breath, can't get full/satisfying breath, cough
- Chest pain or rib soreness
- Night sweats or unexplained chills
- Heart palpitations or extra beats
- Endocarditis, Heart blockage

### General Well-being

- Phantom smells
- Unexplained weight gain, loss
- Extreme fatigue
- Swollen glands/lymph nodes
- Unexplained fevers (high or low grade)
- Continual infections (sinus, kidney, eye, etc.)
- Symptoms seem to change, come and go
- Pain migrates (moves) to different body parts
- **Early on, experienced a "flu-like" illness, after which you have not since felt well.**
- Low body temperature
- Allergies/Chemical sensitivities
- Increased effect from alcohol and possible worse hangover

For a **Symptom Checklist**, see our **Client Information** page under Resources

Thank you to the Canadian Lyme Disease Foundation for their list of symptoms.

### ***How do we treat Lyme Disease?***

1. **BICOM Bioresonance** – with the BICOM, we can identify the Lyme infections as well as all the co-infections. Treatment may involve 3 to 6 weekly treatments. You can view a **Youtube video** on my website under Resources that shows how the treatment occurs.
2. Herbal remedies and supplements
3. Diet and Lifestyle support

I urge you to look at the symptoms checklist and book an appointment if you relate to many of the symptoms listed. You CAN feel well again ;-)