

Disease Lyme-IACCI (Chronic Lyme Disease or PTLDS)

Drug(s) Azithromycin, Rifampicin

Case Characteristics

Sex assigned at birth: Male

Country Treated: United States

Race(s): White

Ethnicity: Not Hispanic/Latino

Other Conditions

Underlying Conditions prior to infection: Asthma

Underlying Conditions after infection: Gastroparesis, Irritable Bowel Syndrome (IBS), Migraine, psychosis, schizophrenia, catatonia, anxiety, OCD, ODD, depression

Pre-IACC medications: None

Presentation

Start of first acute infection symptoms: September 2017

How diagnosis was made: Serology detected antibodies

Level of care for acute infection: The patient had symptoms, but did not require admission to the hospital

Medications for acute infection: None

Symptom duration: >48 months

Symptom: A worsening of symptoms that occurs after even minimum physical or cognitive exertion (Post-Exertional Malaise or PEM)

Impact on quality of life: Moderate

Symptom: Air hunger

Impact on quality of life: Very severe

Symptom: Alternating bowel habits (e.g., constipation and diarrhea)

Impact on quality of life: Very severe

Symptom: Anxiety

Impact on quality of life: Severe

Symptom: Constipation

Impact on quality of life: Very severe

Symptom: Cognitive impairment / Brain fog (difficulty processing information or concentrating)
(Cognitive dysfunction)

Impact on quality of life: Very severe

Symptom: Depression

Impact on quality of life: Very severe

Symptom: Diarrhea

Impact on quality of life: Severe

Symptom: Changes to your mood or increased emotional volatility (Mood disturbance/affective disorder)

Impact on quality of life: Very severe

Symptom: Digestive issues

Impact on quality of life: Very severe

Symptom: Difficulty falling asleep or staying asleep (Insomnia)

Impact on quality of life: Very severe

Symptom: Excessive sleepiness (Hypersomnia)

Impact on quality of life: Very severe

Symptom: Exercise intolerance

Impact on quality of life: Very severe

Symptom: Flu-like Symptoms

Impact on quality of life: Severe

Symptom: Gastroparesis or gastroparesis-like symptoms

Impact on quality of life: Very severe

Symptom: Frequent and/or debilitating headaches (Migraine or chronic daily headache)

Impact on quality of life: Severe

Symptom: General fatigue

Impact on quality of life: Severe

Symptom: Increased clumsiness

Impact on quality of life: Severe

Symptom: Inflammation

Impact on quality of life: Severe

Symptom: Joint pain (Arthralgia)

Impact on quality of life: Very severe

Symptom: Irritability or emotional lability

Impact on quality of life: Very severe

Symptom: Long-term memory loss (Dementia)

Impact on quality of life: Very severe

Symptom: Muscle pain (Myalgia)

Impact on quality of life: Severe

Symptom: Night terrors (Sleep terrors)

Impact on quality of life: Very severe

Symptom: Stomach pains (Abdominal pains)

Impact on quality of life: Very severe

Symptom: Unintentional weight gain of >10 lbs

Impact on quality of life: Severe

Symptom: Short-term memory loss

Impact on quality of life: Very severe

Treatment Details



Azithromycin:**Rifampicin:**

Additional medication details: Alec's healing journey was not linear and he ultimately took his life.

Outcome

Symptom: Irritability or emotional lability

Treatment: Azithromycin

Outcome: Mild symptom improvement

Time to outcome: 2 Week(s)

Symptom: Changes to your mood or increased emotional volatility (Mood disturbance/affective disorder)

Treatment: Rifampicin

Outcome: Mild symptom improvement

Time to outcome: 2 Week(s)

Additional Details

Research priorities: Neuropsychiatric manifestations of tick-borne illness

Study Sponsors