

<i>THE NEUROPSYCHIATRIC LYME ASSESSMENT of</i>					
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	Column Headers:				
<u>Symbols:</u>	PB - Premorbid Baseline				
+ Symptom/Syndrome Present	CI - Present in Course of Illness				
= Sub-Syndromal	C - Current				
- Symptoms Not Present	S - Subsequent Visits				
? Unknown	<i>DATABASE ITEMS:</i>				
0 Not Applicable or Available	BBI - Baseline before illness				
* High Diagnostic Significance	DB1 - Diagnosis based on Clinical Symptoms & Positive Western Blot				
# Uncommon Symptoms	DB2 - Diagnosis based on Clinical Symptoms & Other Criteria I.e.: LUAT, PCR etc.				
<i>Patient Name:</i>					
<i>Date of Birth:</i>					
<i>Current Age:</i>					
<i>Date:</i>					
<i>Date of Infection:</i>					
<i>Date of LD Diagnosis:</i>					
<i>Date Treatment Started:</i>					
<i>History Exposure to Endemic Area:</i>					
<i>History of Tick Bite(s):</i>					
<i>History Erythema Migrans Rash:</i>					
<i> With Flu-like Symptoms:</i>					
<i>Recurrent Erythema Migrans Rash:</i>					
<i>Lab Findings:</i>					

Other Diagnoses Considered:					
Pre-Existing Psychiatric Illness:					
Pre-Existing Physical Illness:					
Cognitive Symptoms	DATABASE				
<i>The cognitive symptoms associated with Lyme disease can best be described as a slowness, weakness and inaccuracy of associations. Sample questions are included.</i>					
	Baseline before illness	During illness	@ 1st visit	<u>2nd</u>	<u>3rd</u>
Attention Span (Perception): <i>The ability to focus and maintain attention on the environment</i>					
Sustained Attention					
<i>Can you sustain your attention upon significant events in your environment?</i>					
Allocation of Attention					
<i>Can you prioritize and allocate your attention upon the most significant perceptions of your environment?</i>					
Distracted by Frustration					
<i>Do you easily lose your capacity for attention when frustrated?</i>					
Distracted by Hyperacuity					
<i>Are you easily distracted due to excessive sensitivity to</i>	<i>any of the following:</i>				
Auditory					
Visual					
Tactile					
Olfactory					
Memory					
*Working Memory					
<i>Can you retain information long enough to complete problem solving?</i>					

*Working Spatial Memory	Baseline before illness	During illness	@ 1st visit	2nd	3rd
<i>Can you retain awareness of structures in your surrounding space?</i>					
Recent Memory					
<i>Can you retain information for brief periods of time (min/hrs)?</i>					
Remote Memory					
<i>Can you recall information learned in prior years?</i>					
Encoding Errors					
<i>Is information stored correctly?</i>					
Memory Retrieval					
*Slowness of Retrieval					
<i>Is there a slowness retrieving:</i>					
Words					
Numbers					
Names					
Faces					
Motor Sequences (i.e.: recalling how to tie your shoes...)					
Geographical/Spatial (i.e.: driving to the store, etc.)					
Sequential Memory					
Letter Reversals					
<i>Do you reverse the sequence of letters in words?</i>					
Spelling Errors					
<i>Do you have a decreased ability to spell correctly?</i>					
Word Substitution Errors					
<i>Do you insert the opposite, closely related or wrong word in a sentence?</i>					
Number Reversals					
<i>Do you reverse numbers when writing a phone number?</i>					
Processing					
*Reading Comprehension					
<i>Have you had a significant decline in your ability to understand what you read?</i>					

*Auditory Comprehension	Baseline before illness	During illness	@ 1st visit	2nd	3rd
<i>Have you had a significant decline in your ability to understand spoken language?</i>					
Sound Localization					
<i>Have you lost the ability to localize the source of a sound?</i>					
*Spatial Perceptual Distortions (Microscopia, etc.)					
<i>Did you lose a sense of spatial awareness of your environment?</i>					
<i>Do things seem smaller than they really are? (Microscopia)</i>					
*Optic Ataxia					
<i>Do you have difficulty targeting your movements through space?</i>					
<i>(I.e.: bumping into doorways, placing objects, etc)</i>					
Transposition of Laterality					
<i>Can you rotate something 180 degrees in your mind (I.e.: copying, not mirroring an aerobics instructor facing you?)</i>					
*L-R Confusion					
<i>Do you confuse left and right?</i>					
*Calculation					
<i>Have your calculation abilities declined?</i>					
*Fluency of Speech					
<i>Does your speech flow smoothly when you talk?</i>					
*Stuttering					
<i>Do you stutter?</i>					
Slurred Speech					
<i>Is your speech slurred?</i>					
*Fluency of Written Language					
<i>Can you put your thoughts into writing?</i>					
*Handwriting					
<i>Have you noticed a change in your handwriting?</i>					
Processing cont'd...					
Depersonalization					
<i>Is there a loss of contact w/ith your physical existence?</i>					

Derealization	Baseline before illness	During illness	@ 1st visit	2nd	3rd
<i>Is there a loss of feeling of reality?</i>					
Agnosia					
<i>Are you unable to recognize familiar objects?</i>					
Apraxia					
<i>Have you lost the ability to perform skilled tasks?</i>					
Imagery					
Capacity for visual imagery					
<i>Can you picture a map of the U.S. in your head?</i>					
*Intrusive Images					
<i>Do images that suddenly appear in your mind? Are they:</i>					
Aggressive					
Sexual					
Other					
*Hypnagogic Hallucinations					
<i>Do you dream sometimes even when you are awake?</i>					
Vivid Nightmares					
<i>Do you have vivid nightmares?</i>					
Illusions					
<i>Are sounds or things you see in your peripheral vision sometimes distorted?</i>					
Hallucinations					
<i>Do you hear, see, smell or feel things that aren't there?</i>					
Thought Processing/Exec Function					
Unfocused concentration					
<i>Do you have difficulty focusing your thought on a problem solving task?</i>					
*Brain fog sensation					
<i>Is there a slowness, weakness & inaccuracy in your thought processes?</i>					
*Prioritizing Multiple Tasks					
<i>Do you have difficulty planning and prioritizing multiple tasks?</i>					

*Concentration on Multiple Tasks	Baseline before illness	During illness	@ 1st visit	2nd	3rd
<i>Do you have difficulty performing multiple simultaneous tasks?</i>					
Racing Thoughts					
<i>Do you have racing thoughts?</i>					
Obsessive Thoughts					
<i>Do you have repetitive thoughts that you can't control?</i>					
Mental Apathy					
<i>Is there a lack of spontaneous thought, ideas &/or initiative?</i>					
Abstract Reasoning					
<i>Have you significantly lost your ability for abstract reasoning?</i>					
<i>Mood Symptoms</i>					
Decreased Frustration Tolerance					
Sudden Abrupt Mood Swings					
Hypervigilance					
Paranoia					
<i>Behavioral Symptoms</i>					
Disinhibition					
Exaggerated Startle Reflex					
Explosive Anger					
Suicidal					
Homicidal					
Accident Prone					
Decreased Social Functioning					
Decreased Job/School Performance					
Marital/Family Problems					
Substance Abuse					
Legal Difficulties					
Dissociative Episodes					
Compensatory Compulsions					
Dropping Objects					
Crying Spells					

Psychiatric Syndromes	Baseline before illness	During illness	@ 1st visit	2nd	3rd
Depression					
*Rapid Cycling Bipolar					
Panic Disorder					
Obsessive-Compulsive Disorder					
Social Phobia					
Generalized Anxiety					
PTSD					
<i>Vegetative Functioning</i>					
*Impaired Sleep Wakefulness Cycle					
Not Well-Rested in a.m.					
Insomnia					
Initial					
Mid					
Late					
<i>Wake with a start (L)</i>					
with palpitations (L)					
with need to eat (L)					
<i>Glucose levels off? (L)</i>					
<i>Wake due to need to urinate? (L)</i> <i>indicate # of times/night, average</i>					
Hypersomnia					
Loss of 24 hour Cycle					
*Eating Disorder					
Anorexia					
Weight Loss					
Non-Appetite Motivated					
Over-eating					
Weight Gain w/o Increased Food Intake					
Weight Gain with Increased Food Intake					
Sexual					
*Decreased Libido					
Increased Libido					
Decreased Capacity for Arousal					
Decreased Capacity for Orgasm					
Menstrual Irregularity					

Decreased Capacity for Pleasure	Baseline before illness	During illness	@ 1 st visit	2nd	3rd
Altered Sexual Imagery					
*Temperature Control					
Body Temperature Fluctuations					
Flushing					
Intolerance to Heat					
Intolerance to Cold					
<i>Intolerance to Humidity (L)</i>					
Decreased Body Temperature					
Low Grade Fevers					
Night Sweats					
Chills					
Neurological					
*Headaches					
General Headaches					
*Cervical Radioculopathy					
Migraine					
Orgasm Migraine					
TMJ					
Tension					
Cluster					
Sinus					
*Cranial Nerves					
I. Olfactory, loss of smell, altered taste					
II. Ophthalmologic					
Blurred Vision					
*Photophobia					
Bright Light					
Fluorescent and Flicker					
Floaters					
Flashes					
*Conjunctivitis					
Eye Pain					
Dry Eyes					
Papilledema					

	Baseline before illness	During illness	@ 1st visit	<u>2nd</u>	<u>3rd</u>
Blind Spots					
Night Blindness					
Peripheral Shadows					
Iritis					
Uveitis					
Optic Neuritis					
Other (specify)					
III, IV, VI Double Vision or Eye Drifts When Tired,					
Ptosis					
V. Sensory Loss					
*VII. Bell's Palsy					
*VIII. Tinnitus					
Hearing Loss					
Dizziness					
Vertigo					
Motion Sickness					
Tullio's					
IX, X Episodic Loss of Speech, Choking on					
Food, Difficulty Swallowing					
XI. SCM and Trap Pain and Paresis					
XII. Tongue Deviates to Side					
Seizures					
Grand Mal					
*Complex Partial					
Other Neurological					
Numbness					
Tingling					
Sensory Loss					
Burning					
Static Electric Sensation					
Crawling Sensation under Skin					
Stabbing Sensation					
Paresis					
Tremor					

	Baseline before illness	During illness	@ 1st visit	<u>2nd</u>	<u>3rd</u>
Twitching					
Muscle Tightness					
Muscle Discomfort (restless leg)					
Myoclonic Jerks					
Torticollis					
Tourette's					
#EPS					
Ataxia					
Fainting					
Herniated Disks					
Spasticity					
Meningismus					
Rhomberg					
Other (specify)					
<i>Other Physical Symptoms</i>					
Musculoskeletal					
Joint					
Pain, Swelling, Tightness, Crepitation (specify which joints)					
Bone Thinning/Fractures					
*Bone Pain (tibia, ribs, iliac crest, sternum, clavicle, etc)					
Epicondilitis					
Plantar Fascitis					
Chronic Fatigue Syndrome					
Fibromyalgia/Enthesitis					
Myalgia					
Chondritis (ear, nose, costochondral)					
Tendonitis					
Carpal Tunnel					
Cardiac					
Chest Pain					
Heart Block					

	Baseline before illness	During illness	@ 1st visit	<u>2nd</u>	<u>3rd</u>
MVP					
Racing Pulse					
Episodes of Rapid and Slow Heart Rate					
Pericarditis					
Cardiomyopathy					
Murmur					
Hypertension					
Hypertensive Crisis					
Pulmonary/Upper Respiratory					
Shortness of Breath					
Cough					
Sore Throat					
Swollen Glands					
Asthma					
<i>Other Physical Symptoms cont'd...</i>					
GI					
Upper GI Distress					
Non-Ulcerative Dyspepsia					
Irritable Bowel					
Abdominal Bloating					
#Gastroparesis					
#Hepatitis					
#Pancreatitis					
#Inflammatory Bowel					
#Cholecystitis					
#Gall Stones					
#Fecal Incontinence					
Uro-genital					
Genital Pain					
Breast Pain, Tenderness					
Lactation					
Irritable Bladder					
Interstitial Cystitis					
Urinary Incontinence					
#Atrophy of Genitalia					

	Baseline before illness	During illness	@ 1st visit	<u>2nd</u>	<u>3rd</u>
Anesthesia of Genitalia					
Recurrent UTI					
Autoimmune Symptoms/Conditions					
Other					
Alcohol Intolerance					
Hair Loss					
Thyroid Dysfunction					
Wilson's Syndrome					
Adrenal Insufficiency					
Hypoglycemia					
Vasculitis					
Ankle Edema					
Tooth Pain					
Periodontal Disease					
Nose Bleeds					
MCS					
Allergies					
Splenomegaly					
Ecchymosis					
Chronic Pain					
ACA					
Lymphocytoma					
Erythema of Palms & Soles					
Other (specify)					
Other (specify)					
Other (specify)					
Fluctuations of Symptoms					
*Herxheimer Reaction					
*Progression of Symptoms					
*Symptoms Fluctuation throughout the Day					
Stress Increases Symptoms					

	Baseline before illness	During illness	@ 1st visit	<u>2nd</u>	<u>3rd</u>
Infectious Disease Increases Symptoms					
28 Day Cycle or Longer					
Perimenstrual Relapse					
Episodic Relapse					
Antibiotics Reduce Symptoms					
Babesiosis Screen					
Severe Headaches					
Sweats					
Chills					
Severe Fatigue					
Severe Muscle Ache					
Afternoon Fever					
Rapid Progression of Lyme disease symptoms					
Ehrlichiosis Screen					
Decreased White Count					
Decreased Platelet Count					
Elevated Liver Enzymes					
Splenomegaly					
<u>Treatment</u>					
<u>Psychiatric:</u>					
<u>Medical:</u>					
Oral Antibiotics:					
IM & IV Antibiotics:					

Other:					
Status:					
Comments:					