

## Lyme disease Case Report Form

Confidential when completed									
PERSON REPO	RTING				Date Repo	rt Received	at HA (YYYY/MM/DD): _		
Health Authority:	□ FHA □	IHA □ VIH	IA 🗆 NHA	□ VCH		empts (date		Interview?	
Name:					1.				
Last		First			2.				
(	) - ext				3.				
Email:					4.				
					Interviewer	•		☐ Not located	
A. CLIENT INFO	DRMATION								
Name:	Firs	t	Middl	le		Alternate N	lame(s):		
PHN:			Date of Birth:	YYYY/MM/DD	Sex:	☐ Male	☐ Fema	le	
Home Address:	Unit #	Street #	Street Name		City:				
Postal code:		Province:	Phone r	number (home/office/cell)	( )		-	ext.	
Email:			Physician Name	Last Fi	rst		Physician Phone Number:		
Interview conducte	ed with:								
B. ABORIGINAI	L INFORMATIC	N							
Do you wish to self-identify as an Aboriginal Person?				☐ Asked, not p	rovided		□ No		
				☐ Not asked			☐ Yes		
Aboriginal Identity:	:	☐ Asked, but	unknown	☐ Asked, not p	rovided		☐ First Nations		
☐ First Nations and Inuit ☐ First Nations and Métis			☐ First Nations	, Inuit and Mé	tis	☐ Inuit			
☐ Inuit and Mét	tis	☐ Métis		☐ Not asked					
First Nations Statu	is:	☐ Asked, but	unknown	☐ Asked, not p	rovided		☐ Non-Status India	an	
		☐ Not Asked		☐ Status Indiar	١				

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## C. LABORATORY INFORMATION Collection Date Specimen Type Reporting Lab Lab test Result Borrelia burgdorferi IgG/IgM □Reactive □ Non-reactive □Equivocal Borrelia burgdorferi Western blot $\square$ Reactive $\square$ Non-reactive $\square$ Equivocal Borrelia burgdorferi Western blot □Reactive □ Non-reactive □Equivocal European strain Western blot □Reactive □ Non-reactive □Equivocal If reactive, specify species: YYYY/MM/DD Convalescent Borrelia burgdorferi IgG/IgM □Reactive □ Non-reactive □Equivocal sample Borrelia burgdorferi Western blot □Reactive □ Non-reactive □Equivocal □Reactive □ Non-reactive □Equivocal Borrelia burgdorferi Western blot European strain Western blot □Reactive □ Non-reactive □Equivocal If reactive, specify species:

YYYY/MM/DD

D. RISK FACTORS A	ND EXPOSURE INFOR	MATION					
Date of onset of sympton	ns:						
	YYYY/N	MM / DD					
TICK BITE EXPOSURE							
In the 2 years prior to symptom onset did you experience a tick bite in Canada, the US or Europe:   Yes   No  Unknown							
If yes,  Date of tick bite:  Location of tick bite (city, province, country):  YYYY/MM/DD  Location of tick bite (city, province, country):							
TRAVEL EXPOSURE In the 2 years prior to symptom onset did you:							
Travel in Canada but outside area of residence:   Yes   Unknown							
Travel within in the US:	☐ Yes ☐ No ☐ Unk	known					
Travel in Europe: ☐ Yes	□ No □ Unknown						
If yes to any travel, enter	r details below						
Dates: DEPARTURE	Dates: RETURN	Location (e.g., city, country)	Additional detail				
YYYY/MM	YYYY/MM						
YYYY/MM	YYYY/MM						
YYYY/MM	YYYY/MM						

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te of onset of symptoms:		Date of tick bite <b>OR</b> travel dates for European strain cases only (Exposure date)			
	Y/MM/DD	es of European strain <i>Borrelia</i> with travel to Europe use these dates to			
sess the timeframes for collecting clinic	al symptoms. For all	cases of <i>Borrelia burg</i> o	dorferi or lab-confirmed cases of European strain		
rrelia with NO travel to Europe record of	linical symptoms repo	rted at any time.  Clinician reported*			
Clinical presentation	Client reported	Clinician information not available	Comment		
Clinician-observed <sup>1</sup> erythema migrans rash <sup>2</sup> within 3-30d of exposure date		☐ Yes ☐No			
Tasii within 3-300 or exposure date		☐ Unknown			
Partial paralysis of the face [cranial nerve palsy or cranial neuritis] <sup>3</sup> within	☐ Yes ☐No	☐ Yes ☐No			
1wk to 3 months of exposure date	☐ Unknown	☐ Unknown			
Single nerve paralysis [radiculopathy or radiculoneuritis or radiculoneuropathy] <sup>4</sup>	☐ Yes ☐No	☐ Yes ☐No			
within 1wk to 3 months of exposure date	□ Unknown	□ Unknown			
Multiple clinician-observed <sup>1</sup> erythema migrans lesions <sup>5</sup> within 1wk to 3		☐ Yes ☐ No			
months of exposure date		□ Unknown			
Lymphocytic meningitis or meningitis <sup>6</sup> within 1wk to 3 months of exposure		☐ Yes ☐ No			
date		□ Unknown			
Encephalomyelitis <sup>7</sup> within 1wk to 3mo and 3mo to 2y of exposure date		□ Yes □No			
		□ Unknown			
Cardiac conduction defect, specifically 2 <sup>nd</sup> or 3 <sup>rd</sup> degree atrioventricular (AV)		☐ Yes ☐ No			
block <sup>8</sup> within 1wk to 3mo of exposure date		☐ Unknown			
Arthritis <sup>9</sup> within 3mo to 2y of exposure date		☐ Yes ☐No			
uaic		☐ Unknown			
Chronic axonal polyneuropathy within 3mo to 2yof exposure date		☐ Yes ☐No			
omo to zyoi ospodule date		☐ Unknown			
Other, specify:	☐ Yes ☐No	☐ Yes ☐No			
	☐ Unknown	☐ Unknown			

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<sup>&</sup>lt;sup>1</sup> EM rash must be diagnosed, observed and reported by a clinician to ensure an accurate diagnosis and that the rash occurred recently.

<sup>&</sup>lt;sup>2</sup> EM rash occurs at site of tick bite. Must be at least 5cm in diameter. Usually grows in diameter over time and lasts 3-4 weeks if untreated, shorter if treated. May have a bull's eye appearance with central clearing or be homogeneously red. Can have blisters and solid or crusted lesions or a warm, hard, red centre. May be accompanied by fever, malaise, muscle pain, joint pain and headache.

May include Bell's Palsy, drooping eyelids, difficulty speaking or eating.

<sup>&</sup>lt;sup>4</sup> May include paralysis, weakness, numbness, tingling and/or pain in a single arm or leg.

<sup>&</sup>lt;sup>5</sup> These EM lesions tend to be <5cm. May be accompanied by fever, malaise, muscle pain, joint pain and headache.

<sup>&</sup>lt;sup>6</sup> Can present with headache, stiff neck and fever.

<sup>&</sup>lt;sup>7</sup> Refers to inflammation of the brain and the meninges. Presents with symptoms of meningitis and other such as ataxia (unsteady gait), cognitive impairment, cranial or other nerve paralysis, bladder dysfunction, decreased level of consciousness.

<sup>&</sup>lt;sup>8</sup> Conduction defects lead to irregular heartbeats. Can be associated with carditis or myopericarditis.

<sup>&</sup>lt;sup>9</sup> Early on, presents as recurrent or intermittent brief (weeks to months) attacks of pain and swelling of 1 or a few large joints. Often affects the knees. Joints are more swollen than painful, can be hot but not often red. May be accompanied by Baker cysts. Typically recurs for several years and may lead to chronic arthritis (lasting >1yr). Malaise, fatigue and fever may accompany attacks. 
<sup>10</sup> Pain, numbness and tingling along multiple nerves (proximal and distal).





E. CLINICAL INF	FORMATION continued	
Treatment		
Was person treated	for Lyme disease?  Yes  No Unknown	
Treatment commer	ats (E.g., When did treatment start, What treatment was provided, Duration of treatment):	
Outcome		
Death:  Yes	□ No □ Unknown If yes, death date:	
	YYYY/MM/DD	
	tails Related to Case Investigation	
Date	Comment	Initials

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