

			Panorama Data				
PERSON REPORTING			Entry Guidance Review /update using the links on the top right hand				
Health Authority:							
Name:	Phone Number: ()	- ext.	>>User Profile If entering data on behalf of				
Email:	Date case report form completed		someone else, record in >Notes when the investigation is in				
INSTRUCTIONS Confidential when completed Report confirmed cases of hepatitis B virus to your MHO Enter confirmed cases into Panorama or PARIS Case definition in Section P, page 5 Shaded areas represent core surveillance variables. Please ensure these are complete and accurate. Complete an Acquisition Event in Panorama if confirmed case is a neonate or blood/tissue/organ recipient Complete a Transmission Event in Panorama if confirmed case is a blood/tissue/organ donor Enter Sections A to G directly into Panorama or PARIS. Enter Sections H to L into the User Defined Form (UDF): Hepatitis B Acute Form. Enter historical immunizations directly into the Panorama Immunization Module.							
A. PERSONAL INFORMATION FOR THE CAS	SE						
Panorama Client ID: Panorama Inv	estigation ID:	□ PARIS ID: (if applicable)	These IDs are to be recorded on the hard copy only for record keeping.				
Name: Last Fi	rst	Middle					
Alternate Name(s):	Date o	f Birth: YYYY/MM/DD					
Gender: ☐ Male ☐ Female ☐ Undifferentia	ated Unknown Health Care	Number:	>Subject >>Client Details >>Personal Information				
Overhald the state of the state							
Transgender — Transgender Female to Male to Female							
>							
Phone Number (home/work/mobile): () ext.							
	Address*: Unit # Street # Street Name City						
Postal Code: Province:	Email:						
B. ETHNICITY AND ABORIGINAL INFORMAT	ION						
Ethnicity: ☐ Arab ☐ Black	□Chinese □Filipino	□Japanese □Korean	>Subject				
□Latin American □South Asian	□Southeast Asian □West As	ian	>> Client Details >>> Personal Information				
□Other, specify: □Declined □Unknown							
Do you wish to self-identify as an Aboriginal Person?	☐Asked, not provided	□No					
	□Not asked	□Yes	4				
Aboriginal Identity: ☐Asked, but unkno	Aboriginal Identity: ☐Asked, but unknown ☐Asked, not provided ☐First Nations						
□ First Nations and Inuit □ First Nations and Métis □ First Nations, Inuit and Métis □ Inuit							
☐Inuit and Métis ☐Métis							
First Nations Status: ☐Asked, but unkno	wn □Asked, not provided	□Non-Status Indian					
□Not asked □Status Indian							
C. HEALTH CARE PROVIDER (HCP) INFORMATION: PHYSICIAN OR CERTIFIED NURSE							
Only complete when the laboratory result does <u>not</u> come from the BCCDC Public Health Laboratory Note HCP Name is the minimum data requirement when laboratory results are received from labs other than BCCDC Public Health Laboratory							
Ordering HCP Name: LAST FIRST Phone Number:							
Ordering HCP Practitioner No: HCP Clinic / Facility Name:							



HEALTH CARE PROVIDER (HCP) INFORMATION: PH	YSICIAN (OR CERTIFII	ED NURSE (continued		Panorama Data Entry Guidance
Address: Unit # St	reet # Street Name			City	>Investigation		
Postal Code:		Province:					>>Investigation >>Investigation Details
Follow-up HCP Name: (if different from Ordering HCP)	FII	RST		Phone Num	ber :		>>>External Sources
D. CLASSIFICATION							
☐ Confirmed See Section P, pa	ge 5 for case definition.						>Investigation >>Disease Summary
E. STAGING							
☐ Acute See Section P, pa	ge 5 for case definition.						>Investigation >>Investigation Details >>Disease Summary
Do not enter onset date if the case of	as symptoms compatible with a the symptoms listed below that are re- loes not report symptoms	ported by the	case	YYYY/M	M/DD		>Investigations >>Signs & Symptoms
Specific symptoms can be recorded	below for case management but	t are not req	uired for survei	llance. Asked but	Declined to	Not	
Sign / Sympt	om	Yes	No	Unknown	Answer	Assessed	
Asymptomatic							
Abdominal Discomfort Anorexia							
Dark Urine							Record in >Investigation
Fatigue							>>Signs and Symptoms
Fever							Do Not select "Set as
Jaundice							Onset" for any of the signs/symptoms.
Malaise							
Nausea							
Pale Stool			_				
Other, specify:							
G. OUTCOME AT TIME OF	REPORTING						
☐ Fully Recovered ☐	Not yet recovered/recovering	☐ Deat	h <i>If died</i> , dat	e of death:	YYYY/MM.	/DD	
☐ Other, specify below ☐	Unknown	☐ Perm	nanent disabilit	y, specify belo	DW .		>Investigation >> Outcome (Section Q)
Specify other outcome / permaner	nt disability:						(666.6.1 4)
H. REASON FOR TESTING							
Check all that apply.							
☐ Recent risk event or exposure	☐ Symptomatic	☐ Symptomatic ☐ Diagnosed with another infection (e.g. STI, TB, HIV)					
Exposure to medical procedure (e.g. surgery, dialysis, endoscope, vaccinatio dental procedure, etc.)	~	□ Screening at correctional facility □ Elevated liver enzymes □ Blood donation □ Self-referral / patient request					
☐ Prenatal screening	☐ Blood donation (e.g. Canadian Blood Services)						
☐ Not known	☐ Declined to answer						
I. LABORATORY INFORM				case specify			
Enter lab information only if current/previous serology were not performed at BCCDC Public Health Laboratory.							
Specimen collection date: YYYY/MM/DD						>>Links & Attachments >>>>UDF - Hepatitis B Acute Form	
Does the case have a previous ne (identified by the case, in provincial lab system)		territory)] Yes □ N	No 🗆 Unkr	nown 🗆 Not	Applicable	If available, attach histopathology reports in >Investigation >>Investigation Details >>>Links & Attachments
If yes, provide the date	of last negative:	Y	YYY/MM/DD				Record Causative Agent in >Investigation >>Investigation Details >>>Disease Summary



Panor	ama	Data
Entry	Guid	ance

J. EXPOSURE INFORMATION

In the 6 months prior to diagnosis, what were the possible routes of HBV transmission for this case? Check all that apply.

Note: Exposure information is considered part of core surveillance variables. Complete all sections that apply to the investigation. Choose "Not Assessed" if there was no opportunity to evaluate exposures.

Choose "Not Assessed" if there was no opportunity to evaluate exposures.								
Answer the following questions about exposures in the last 6 months prior to diagnosis.	Yes in Canada	Yes outside Canada	Specify the country	No	Asked but Unknown	Declined to Answer	Not Assessed	Record this section in >Investigation >>Investigation Details >>Links & Attachments >>>UDF - Hepatitis B Acute Form
BEHAVIOURAL								Provide referrals to
Does the case have a history of injection drug use?								harm reduction and education to the case when drug use is listed.
Has the case shared injection drug use equipment? (e.g. needles, syringes, cooker)								
Has the case shared non-injection drug use equipment? (e.g. smoking, snorting paraphernalia)								
OTHER PERCUTANEOUS EXPOSURE								
Did the case have acupuncture or get any tattoos, piercings (ear & other), and/or scarification?								
Provide the facility name if available:								
SEXUAL								
How many sex partners has the case had?								*Person at high risk includes individuals with
Was the case a sexual contact of a known case or person at high risk*?								a history of injection drug use, sex trade workers, etc.
Has the case had sex with a person of the same sex?								Obtain and list sexual and household contacts
Has the case worked in the sex trade? (e.g. sex work, transactional or exchange sex)								for case management follow-up. (Refer to Section N to
HOUSEHOLD CONTACTS								record contacts)
Does the case have household contact(s) and/or family member(s) that are known to be hepatitis B positive?								
BLOOD/TRANSPLANT RECIPIENT								Record additional information in >Investigation
Was the case a recipient of blood/blood product, tissue or organ?								>>Exposure Summary as an Acquisition Event (Section Q)
MEDICAL (Provide facility name(s) if available:)					
Has the case had surgery? (e.g. Major → abdominal, Minor → stitches, or Oral)								
Has the case had kidney dialysis? (e.g. hemodialysis or peritoneal dialysis)								
Has the case had a medical procedure? (e.g. reuse of syringes, colonoscopy, endoscopy, etc.)								
Has the case had dental work?								Record in >Investigation
OCCUPATIONAL EXPOSURE								>>Investigation Details >>Links & Attachments >>>>UDF - Hepatitis B
Did the case have an occupational needle stick injury?								Acute Form
INCARCERTION								
Does the case have a history of incarceration > 24 hours?								
OTHER Please specify								
UNKNOWN - Risk unable to be determined								



								Panorama Data Entry Guidance
K. TRANSMISSIC	ON RISK							Record pregnancy in >Subject
		Ye	s M	In	ked but known	Decline to Ansv		>> Risk Factors Set as pertinent to the investigation. >Subject >>Client Warnings (Section Q)
Is the case pregnant? →Create a client warning f	for post-natal follow up of infant.] [Record partner pregnant & blood, tissue & organ donors in, >Investigation
	regnant? dd partner as a contact in the case's record & n her record. Note this is flexible to RHA workflow							>-Investigation Details >-Links & Attachments >-SUDF - Hepatitis B Acute Form For blood, tissue & organ
In the last 6 months, horgan(s)?	nas the case donated blood	tissue or] [-				donors, go to >Investigation >>Exposure Summary as a Transmission Event (Section Q)
L. CONSULTATION	ON AND REFERRALS							
Complete the following	questions when data is avail	able at the time of rep	orting.					
Is the case aware of the	he diagnosis?				Yes	□ No	□ Unknown	
Has education for hep	oatitis B disease been comp	leted?			Yes	□ No	□ Unknown	
Who completed the ed	ducation?							Note: this section is not
Family Physician ☐ Ordering health care provider ☐ Public Health ☐ Other: Please specify (if different from Family Physician)								
Did the case receive a	a hepatitis B information page	ckage?			Yes	□ No	□ Unknown	available. Record in >Investigation >>Investigation Details
Has the case been ref	ferred to other services? Ch	eck all that apply.						
□ Nutritional Consultation □ Housing support □ Mental Health								
☐ Drug dependency/addictions ☐ Distribution sites for harm reduction supplies ☐ Alcohol dependency								
□ Supervised injection facilities □ Opioid substitution □ Liver transplant								
☐ Legal Support ☐ Financial Support (e.g. Social Assistance) ☐ Other: please specify								
M. HISTORICAL IMMUNIZATION INFORMATION								
Vaccine			s) of Immuniza	ation				Record or review and
	Dose 1	Dose 2		Dose 3		D	ose 4	update immunization information in the
Hepatitis A:	YYYY/MM/DD	YYYY/MM/DD						Immunization Module. Documented
Hepatitis B:	YYYY/MM/DD	YYYY/MM/DD	YY	YY/MM/DD	\perp	YYY	Y/MM/DD	immunizations: >Immunizations >>Record & Update Imms
HBIg:	YYYY/MM/DD							Undocumented immunizations:
Pneumococcal	YYYY/MM/DD	YYYY/MM/DD						>Immunizations >>Special Considerations
Influenza	YYYY/MM/DD							(Section Q)
Un-documented immunizations received (for the vaccines listed above): Yes No Unknown If Yes, provide available details:								Definition :undocumented immunization – immunizations not entered into information system (i.e. given at physician office)
Hepatitis A Immunity:	☐ Immune, previous dise	ease 🗆 Immune, lal	b evidence [☐ Susceptible	le, lab e	vidence	☐ Unknown	Record on hard copy only.

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N. CONTACT TRACING						
Contact tracing is not required for		etion of the Pegional Health Author	ritios			
How contact tracing occurs & the use of this section is at the discretion of the Regional Health Authorities. Contacts from BC						
Contact Name	Type of Contact	Date of last known contact	Other Details			
	☐ Sexual ☐ Household ☐ IDU/NIDU ☐ Sexual ☐ Household			Method of recording is at the discretion of Regional Health Authorities.		
	□ IDU/NIDU □ Sexual □ Household □ IDU/NIDU			IDU = injection drug use NIDU = non-injection drug use		
	☐ Sexual ☐ Household ☐ IDU/NIDU					
O. NOTES						
				Record in >Notes In order to have the note linked to the investigation, ensure the investigation is in context when creating the note.		
P. CASE DEFINITIONS						
Hepatitis B Virus - Refer to IVI	ES007 Support Bulletin for mo	ore information and full list of	hepatitis B case definitions.	Reportable?		
Hepatitis B - Acute Enter as Classification: Case - Confirmed	aminotransferase levels. Laboratory Criteria:	cterized by a discrete onset of sympton	·	Yes		
Staging: Acute	HBc IgM) positive in the conteClearance of HBsAg in a pers	HBsAg) and immunoglobulin M antibo ext of a compatible clinical history or p son who was documented to be HBsA inical history or probable exposure.				

Q. PANORAMA DATA ENTRY DETAILS

If the *client is pregnant*, record as a Risk Factor (under Subject in the left hand navigation).

Risk Factor: Special Population - Pregnancy Relevant to Disease Investigation

Additional Information: Record expected due date

Response: Yes

Start Date: Estimated date of conception. If unknown, use the first day of the estimated month of conception.

End Date: Date when public health was made aware that the client is no longer pregnant

If required for regional follow-up related to the pregnancy: (1) record contact information for the professional providing perinatal care (e.g. physician, midwife) under >Subject >>Client Details >>>Health Services, (2) record other additional details related to the pregnancy (e.g. delivery hospital) in a clearly identified client note.

Add a Client Warning "Communicable Disease Alert- See Note" and create a Note.

Subject: CD Alert- Post Natal Follow Up

Note Content: Initiate post-natal CD follow up for baby.

Training Materials (https://panoramacst.gov.bc.ca): Client Warnings-Quick Steps-Shared Services, Risk Factors-Quick Steps-Shared Services System Guidelines (https://panoramacst.gov.bc.ca): Pregnancy- Data Capture Guideline-Investigations,

Pater Out about (*https://panoramacst.gov.bc.ca): Pregnancy- Data Capture Guideline-Investigations,

Data Standards (https://panoramacst.gov.bc.ca): Risk Factors-Data Standard-Shared Services

Record details about *historic immunizations* in the Panorama Immunization Module.

If the agent(s) and the complete date(s) (day/month/year) are known, enter the dose(s) using the Add Historic Immunization screen, specifying the agent(s) and date(s) administered. If additional information (e.g. lot number, site, route, trade name, manufacturer, dosage) is known, record it in the designated field(s).

If the agent is known and the year and month, but no day, is known, enter the dose(s) using the Add Historic Immunization screen, specifying the agent. Record the date as the last day of month. Select the Estimated flag. If additional information (e.g. lot number, site, route, trade name, manufacturer, dosage) is known, record it in the designated field(s).

If a series is reported as complete, but is missing information to identify the product received (i.e., missing trade name and generic name and abbreviation) OR missing month/year of immunization, use the Special Considerations screen to create an Exemption with the reason of "Client Reports Undocumented Immunizations". If a booster dose will be required in the future, the exemption should be future end-dated for when the client will becomes eligible for the booster.

Record refusals to immunization as Exemptions.

The clinician conducting the case follow-up will then review the data entered in the Immunization and Special Considerations Screens, determine cases immune status and



record a summary assessment in the disease-specific User Defined Form.

Training Materials (https://panoramacst.gov.bc.ca): Add Historical Immunization-Quick Steps-Immunization, Special Consideration-Quick Steps-Immunization, User Defined Forms-Reference Guide-Investigations

Data Standards (https://panoramacst.gov.bc.ca): Historic Immunizations-Data Standard-Immunization, Special Considerations-Data Standard-Immunization

To report a transfusion transmissible infection in a transfusion recipient, create an Acquisition Event on the Exposure Summary screen (under Investigation on the left hand navigation) using the Acquisition Event Details screen.

Exposure Name: XXX-TTI-Disease Name where XXX is the Health Authority recording/creating exposure (FNHA, IHA, VIHA, FHA, or NHA)

Potential Mode of Acquisition: Transfusion transmitted Nature of Exposure: Select most appropriate option

Exposure Start: Date of transfusion

note: when exact date is unknown, enter estimate based on available information and select the "Estimated" flag

Exposure Location Name: same as Exposure Name Exposure Setting Type: Facility - non-recreational

Exposure Setting: Hospital

Address: Details for hospital where transfusion occurred

To report a transfusion transmissible infection in a blood donor, create a Transmission Event on the Exposure Summary screen (under Investigation on the left hand navigation) using the Transmission Event Details screen.

Exposure Name: XXX-TTI-Disease Name where XXX is the Health Authority recording/creating exposure (FNHA, IHA, VIHA, FHA, or NHA)

Mode of Transmission: Transfusion transmitted Nature of Transmission: Donated blood/blood products

Exposure Start: Date donated blood

note: When exact date is unknown, enter estimate based on available information and select the "Estimated" flag

Exposure Location Name: same as Exposure Name Exposure Setting Type: Facility - non-recreational

Exposure Setting: Canadian Blood Services

Address: Details for location of Canadian Blood Services clinic where blood donation occurred

Training Materials (https://panoramacst.gov.bc.ca): Exposures-Reference Guide-Investigations

System Guidelines (https://panoramacst.gov.bc.ca): Transfusion Transmissible Infections-Data Capture Guideline - Investigations, Exposures-Data Capture Guideline

If recording a neonatal/congenital infection, create an Acquisition Event on the Exposure Summary Screen (under Investigation on the left hand navigation) using the Acquisition Event Quick Entry section.

Exposure Name: XXX-Vertical Transmission-Disease Name or XXX-Congenital-Disease Name where XXX is the Health Authority recording/creating exposure (FNHA, IHA, VIHA, FHA, or NHA)

Exposure Start: The date of onset of the disease in the mother (for congenital infections, if known or can be estimated) or The date of birth of the infant (for vertical transmission or neonatal infections, or congenital infections when the mother's date of onset is unknown)

Location Name: same as Exposure Name

Setting Type: Vertical Transmission/Congenital

Link the infant's Acquisition Event to the mother's Transmission Event.

Training Materials (https://panoramacst.gov.bc.ca): Exposures-Reference Guide-Investigations

System Guidelines (https://panoramacst.gov.bc.ca): Congenital/Neonatal/Vertical Transmission-Data Capture Guideline - Investigations, Exposures-Data Capture

If the client had contact with a known case, create an Acquisition Event on the Exposure Summary Screen (under Investigation on the left hand navigation) using the Acquisition Event Quick Entry section.

Exposure Name: XXX-Contact-Disease Name where XXX is the Health Authority recording/creating exposure (FNHA, IHA, VIHA, FHA, or NHA)

Location Name: same as Exposure Name

Start Date: estimated date of first contact or beginning of known case's communicability period

End date: most recent contact, or end of known case's communicability period

If the known source case is reported in BC, this Acquisition Event should be linked to a Transmission Event on the known source case's [specify disease] investigation. If the known source case is not reported in BC, the creation of the Acquisition Event for the client is adequate to indicate the epidemiologic link.

Training Materials (https://panoramacst.gov.bc.ca): Exposures-Reference Guide-Investigations
System Guidelines (https://panoramacst.gov.bc.ca): Exposures-Reference Guide-Investigations
System Guidelines (https://panoramacst.gov.bc.ca): Exposures-Data Capture Guideline-Investigations, Contacts-Data Capture Guideline - Investigations

If the outcome is death, record as follows.

Outcome: Death

Outcome Date: Date of death (if known) or date at which user found out about death outcome (if date of death unknown)

Cause of Death: Select most appropriate response

After recording the outcome, inactivate the client in the Personal Information screen (under Subject > Client Details on the left hand navigation) following routine

Note: If the outcome is not death, the outcome date is the date public health was made aware of the outcome.

Training Materials (https://panoramacst.gov.bc.ca):

Data Standards (https://panoramacst.gov.bc.ca):

NOTE: Additional relevant training materials and data standards are available on the Panorama Solution Partner Portal (https://panoramacst.gov.bc.ca).