

RE: AEFI post covid vaccine

From: Bonnie.Henry@gov.bc.ca
To: XT:Kim, Jong HLTH:IN <jong.kim@northernhealth.ca>, XT:McDonald, Shannon HLTH:IN <Shannon.McDonald@fnha.ca>
Sent: January 5, 2021 6:36:05 PM PST

I received a call or email (I don't recall) on Dec 24th saying there was a person who had an allergic reaction at the clinic in the north at the clinic at the hospital. That they received epinephrine and were observed in the ED for a few hours. I understand it was a s.22. I don't recall who sent me the info Jong, sorry.

Then there was a second one later that day in FH.
b

Dr Bonnie Henry
Provincial Health Officer
Office of the PHO
Ministry of Health

s.15; s.19

Mailing address: PO Box 9648, STN PROV GOVT
Victoria, BC
V8W 9P4
Bonnie.henry@gov.bc.ca

Phone: s.17; s.19

I gratefully acknowledge that I live and work on the traditional unceded territory of the Lekwungen Peoples, specifically the Songhees and Esquimalt First Nations. Hay'sxw'qu Si'em

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From: Kim, Jong <Jong.Kim@northernhealth.ca>
Sent: January 5, 2021 6:17 PM
To: XT:McDonald, Shannon HLTH:IN <Shannon.McDonald@fnha.ca>
Cc: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Subject: FW: AEFI post covid vaccine

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Shannon, could I ask if there was any **anaphylactic reaction from the northern** First Nation communities vaccinated?

We were inquired about an anaphylactic reaction in north on December 23rd that Bonnie notified Monika. We are not aware of any such event reported from NH vaccination. We might need to look more into, so checking with you first. Thanks so much for your help.

Bonnie, could I ask if you have any more details of the anaphylactic case from North on Dec 23? Thanks for your help.

Jong

From: Leung, Kathy [BCCDC] <kathy.leung@bccdc.ca>
Sent: Tuesday, January 05, 2021 10:53
To: Gagel, Mike <Mike.Gagel@northernhealth.ca>; Strim, Patricia <Patricia.Strim@northernhealth.ca>
Cc: Kallos, Suzanne [BCCDC] <suzanne.kallos@bccdc.ca>
Subject: AEFI post covid vaccine

Hi Mike,

We spoke yesterday on the phone, thanks for looking into this for us.

On December 24, Bonnie Henry emailed Monika Naus, notifying her that there was an anaphylactic reaction in the north on December 23rd. We don't have any other details about this event and as you can expect we are trying to collect the details of any adverse event quickly. If you have an AEFI form completed, and it can be entered into CMOIS and Panorama that would be great, but any information you can give us would also be extremely helpful.

You can fax it to 604-707-2516, attention Kathy/Arlene. Arlene is Suzanne Kallos, cc'd above.

Please let me know if you need any more information.

Best,
Kathy

Kathy Leung BScN
Public Health Resource Nurse
Immunization Programs, BCCDC
kathy.leung@bccdc.ca

I respectfully acknowledge that I live, work and play on the unceded territory of the x̣ṃəθkwəỵəm, Skwxwú7mesh, Stó:lō and Səlilwətaʔ/Selilwitulh Nations.

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RE: HEADS UP: CSC death

From: Raymond, Barbara (PHAC/ASPC) <barbara.raymond@canada.ca>
To: Henry, Bonnie (Ext.) <bonnie.henry@gov.bc.ca>, Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Sent: January 17, 2021 1:43:26 PM PST
Attachments: image001.gif

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Thanks Bonnie – Happy Sunday.
Stay warm.

From: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Sent: 2021-01-17 4:39 PM
To: Raymond, Barbara (PHAC/ASPC) <barbara.raymond@canada.ca>; XT:Naus, Monika HLTH:IN <monika.naus@bccdc.ca>; XT:HLTH Brodtkin, Elizabeth <elizabeth.brodtkin@fraserhealth.ca>; Gustafson, Reka [BCCDC] <reka.gustafson@phsa.ca>; Lapointe, Lisa PSSG:EX <Lisa.Lapointe@gov.bc.ca>
Cc: Tam, Dr Theresa (PHAC/ASPC) <drtheresa.tam@canada.ca>; Njoo, Howard (PHAC/ASPC) <howard.njoo@canada.ca>; Elmslie, Kim (PHAC/ASPC) <kim.elmslie@canada.ca>; Wheatley Jennifer (NHQ-AC) <Jennifer.Wheatley@CSC-SCC.GC.CA>
Subject: RE: HEADS UP: CSC death

Thank you Barbara,
It is very helpful to get a heads up and I am very sad to hear of the death.
I have copied Dr Monika Naus who is leading our AEFI reporting and causality team. We have been working nationally on how to report deaths temporally associated with vaccination especially considering the population we are immunizing right now.

I have also copied our Chief Coroner so we are all aware and can coordinate on messages.
My best,
Bonnie

*Dr Bonnie Henry
Provincial Health Officer
Office of the PHO
Ministry of Health*

s.15; s.19

*Mailing address: PO Box 9648, STN PROV GOVT
Victoria, BC
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Phone: s.17; s.19

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From: Raymond, Barbara (PHAC/ASPC) <barbara.raymond@canada.ca>
Sent: January 17, 2021 1:27 PM

To: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>

Cc: Tam, Dr Theresa (PHAC/ASPC) <drtheresa.tam@canada.ca>; Njoo, Howard (PHAC/ASPC)

<howard.njoo@canada.ca>; Elmslie, Kim (PHAC/ASPC) <kim.elmslie@canada.ca>; Wheatley Jennifer (NHQ-AC) <Jennifer.Wheatley@CSC-SCC.GC.CA>

Subject: HEADS UP: CSC death

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Hello Bonnie,

I wanted to give you a heads up regarding a death in a CSC inmate who received Moderna vaccine on s.22 (first dose), and who subsequently died on s.22

This individual, aged s.22, with s.22, was s.22. They received vaccine to ensure no wasted doses from vial provided to vaccinate other s.22 inmates at that institution.

Vaccine administered uneventfully on s.22. s.22 – noted sore arm only, but subsequently experienced a fall (was documented to be s.22 s.22 – ongoing monitoring due to fall, but no adverse events attributed to vaccination. s.22 – became unresponsive, emergency code called, BC Ambulance attended, however resuscitation unsuccessful. s.22 – individual declared deceased.

At this point in time, CSC does not consider the death to be linked to the vaccine. However:

- CSC protocol is that coroner is notified of all inmate deaths and determines what further investigation will take place
- CSC reports adverse events following immunization (AEFI) via local public health units (in this case, s.22 in BC).
- All CSC deaths in custody are reported publicly with a news release.

CSC colleagues wanted to ensure that you were aware, and that there be coordination on communications products, given temporal association with vaccine.

CSC will reach out to s.22 to coordinate reporting/comms etc.

I've included Jennifer Wheatley who is the Assistant Commissioner for CSC Health Services nationally on this email.

Let us know if there are others who should be looped in.

Thanks

Barbara

Barbara J Raymond MD

Executive Medical Advisor / Conseillère médicale exécutive

Vice President's Office, Infectious Disease Prevention and Control Branch

Bureau de la Vice-présidente, Direction générale de la prévention et du contrôle des maladies infectieuses

Public Health Agency of Canada / Agence de la santé publique du Canada

Barbara.Raymond@Canada.ca

Mobile: 613 302 4940

Today's AEFI report

From: Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>
To: Henry, Bonnie [EXT] <bonnie.henry@gov.bc.ca>, Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Cc: Amos, Heather [BCCDC] <heather.amos@bccdc.ca>, Nofall, Kyle [BCCDC] <Kyle.Nofall@bccdc.ca>, Gustafson, Reka [BCCDC] <reka.gustafson@phsa.ca>
Sent: January 21, 2021 10:09:23 AM PST
Attachments: COVID19_AEFI_Summary_Report_2021-01-21.html

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Hi Bonnie

As requested, for your media briefing the full report based on reporting to today is enclosed.

In summary, we have had a total of 56 reports of adverse events (1 or more events/ report), for a rate of 46.7 reports per 100K doses distributed.

With respect to allergic/ anaphylaxis events:

- 10 anaphylaxis reports that meet the Brighton case definition have been reported, for a rate of 8 per 100K doses. This is a higher rate than reported in BC with influenza vaccine (for comparison) and higher than what has been reported in the US data (about 1 per 100K doses). One of these required hospitalization but recovered fully, and the others have not required hospitalization.
- 16 reports have been of other allergic events, including hives, some with onset days after immunization [s.1](#)

[s.13](#)
[s.13](#)

Other events of note, just fyi:

- The Bell's palsy was in a [s.22](#) 6 days after vaccination. [s.13](#)
- We will follow to outcome including causal assessment for other causes. [s.13](#)
- We've had [s.](#) cases of cellulitis reported but none meet the Brighton definition as none were microbiologically confirmed. [s.13](#)

[s.13](#)
[s.13](#)

I forwarded your request on wastage to Noorjean and Julie Wilson as they're dealing with the logistics. You should hear from them directly.

Thank you,
Monika

.....
Monika Naus MD FRCPC
Medical Director, Communicable Diseases & Immunization Service
Medical Head, Immunization Programs & Vaccine Preventable Diseases
BC Centre for Disease Control
monika.naus@bccdc.ca
Tel 604.707.2540
Cell [s.15](#)

Assistant: Jessica Taylor (Monday - Wednesday) and Esther Cummings (Thursday/Friday) mnds.assist@bccdc.ca Tel 604 707 2519

I gratefully acknowledge that I live on the territory of the Coast Salish Peoples.

From: Henry, Bonnie HLTH:EX [mailto:Bonnie.Henry@gov.bc.ca]

Sent: Wednesday, January 20, 2021 2:59 PM

To: Galanis, Eleni [BCCDC] <Eleni.Galanis@bccdc.ca>; Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>; Krajden, Mel [BCCDC] <Mel.Krajden@bccdc.ca>

Cc: Gustafson, Reka [BCCDC] <reka.gustafson@phsa.ca>

Subject: data for Thursday media avail

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Hi Monika, Mel and Eleni,

Could I get a quick update tomorrow of

1. Numbers of cases of MISC and ages/outcome
2. Numbers of AEFI and number of those that were 'allergic reactions'
3. Any vaccine wastage
4. Numbers of variants: SA (so far I am aware of 2, both NOT travel related) and UK (4, two travel and 2 contact of travel)

Thank you!

bonnie

*Dr Bonnie Henry
Provincial Health Officer
Office of the PHO
Ministry of Health*

s.15; s.19

*Mailing address: PO Box 9648, STN PROV GOVT
Victoria, BC
V8W 9P4
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Phone:**s.17; s.19**

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COVID-19 AEFI report BC Jan 28

From: Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>
To: Henry, Bonnie [EXT] <bonnie.henry@gov.bc.ca>, Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Cc: Rose, Caren [BCCDC] <Caren.Rose@bccdc.ca>, Lavoie, Martin <Martin.Lavoie@gov.bc.ca>, Amos, Heather [BCCDC] <heather.amos@bccdc.ca>, Gustafson, Reka [BCCDC] <reka.gustafson@phsa.ca>, Lavoie, Martin HLTH:EX <Martin.Lavoie@gov.bc.ca>
Sent: January 28, 2021 10:07:10 AM PST
Attachments: COVID19_AEFI_Summary_Report_2021-01-28.html

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Good morning Bonnie

Here is today's cumulative AEFI report for BC.

Main points:

The most commonly reported events are allergic in nature, and include anaphylaxis which is a recognized and rare event that can occur with any vaccine. The reported rate of anaphylaxis in BC is about 1 case / 10,000 doses. All cases have been managed at the site and transferred for care to the ER; only one required hospitalization and all have recovered. A history of anaphylaxis to a dose of the vaccine is a contraindication to receipt of future doses.

We are seeing events reported as 'cellulitis' with an appreciably higher rate for the Moderna vaccine compared to Pfizer. **s.13** none meet Brighton level 1 i.e., none were microbiologically confirmed. Some were not treated with antibiotics. The large differential rate between the products is consistent with the higher mRNA content (100 compared to 30 ug) per dose between the products; the mRNA acts as an adjuvant and this would be in keeping with what we see with adjuvanted vaccines and higher doses. **s.13**

s.13 This has been seen with other vaccines as well e.g., DPT-IPV compared to Tdap-IPV in younger children.

s.22

s.22

We have two temporally associated thrombocytopenia reports. This is NOT being seen in the US analytic data comparing rates of this event in vaccinees and compared to non-vaccinees; there was some media coverage of an O+G who died following COVID-19 vaccine in the US from this condition, but as you know this is associated with a variety of causes and the VSD rapid cycle analysis data are pretty solid (see slide 24):

<https://www.cdc.gov/vaccines/acip/meetings/downloads/slides-2021-01/06-COVID-Shimabukuro.pdf>

Thank you,
Monika

.....
Monika Naus MD FRCPC
Medical Director, Communicable Diseases & Immunization Service
Medical Head, Immunization Programs & Vaccine Preventable Diseases
BC Centre for Disease Control
monika.naus@bccdc.ca
Tel 604.707.2540

Cells.15

Assistant: Jessica Taylor (Monday - Wednesday) and Esther Cummings (Thursday/Friday) mnds.assist@bccdc.ca Tel 604 707 2519

I gratefully acknowledge that I live on the territory of the Coast Salish Peoples.

delayed local reactions after mRNA Moderna COVID vaccine

From: Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>
To: Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>, XT:Naus, Monika HLTH:IN <monika.naus@bccdc.ca>
Sent: February 10, 2021 10:52:01 AM PST

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Dear BCIC, MHO, Vaccine Safety working group and HealthLinkBC colleagues

We are receiving an increasing number of reports unfamiliar to health care professionals accustomed to local reactions after vaccines, of unusual local reactions following the Moderna vaccine, in which there may be an initial local reaction (pain, redness and swelling at the injection site), which resolves over a few days, and then returns around days 8-10 after vaccine receipt and may be accompanied by an unusual appearing area of ringed erythema as well as pruritus. **s.13**

s.13

s.13

These events, if not meeting the severity criteria for reporting of AEFI, are not 'reportable' as AEFI, and are 'expected' events. While these are seen in a small proportion of recipients, given the large number of doses of Moderna vaccine that will be administered in BC, the number of such reports would be overwhelming for reporting. Please share this information with those involved in reporting of AEFI in order to ensure they're familiar with this phenomenon.

There is a reference to this type of event observed in a small number of phase 3 clinical trial participants in the Moderna submission to the US FDA for the Emergency Use Authorization at the December 17th VRBPAC meeting:

<https://www.fda.gov/media/144452/download>

At the bottom of page 58 of the above document, there is this paragraph :

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We have further confirmed with Moderna the following:

- a biphasic local reaction was seen in about 1% of recipients, and largely with dose 1 and without potentiation with dose 2. Redness, and swelling, and often itchiness, which had occurred initially, resolved and then recurred around day 8.
- In addition to the biphasic reaction, there were also reports from individuals who did not have redness and swelling in the first few days after vaccination, but who had a late onset reaction, again around day 8-10, as outlined above.

As well, Moderna Medical Information has provided the following additional information on February 9th:
"Delayed injection-site reactions (> Day 8 after vaccination) were reported in 244 COVE Phase 3 clinical study participants (0.8%) after the first dose and in 68 participants (0.2%) after the second dose. These delayed reactions included erythema, induration, tenderness, and occasionally pruritus and are thought to represent dermal hypersensitivity. They resolved after 4 to 5 days. Topical corticosteroids and diphenhydramine were occasionally used to manage symptoms. Study participants who experienced delayed injection-site reactions after the first dose continued on to receive the second vaccine dose with no additional adverse reactions."

We will be incorporating this information into the clinical materials supporting Moderna mRNA vaccine administration, including the biologicals product page for this vaccine, and the aftercare form.

We are producing regular reports of the AEFIs reported by public health, and these are updated and posted daily Monday through Friday in the SharePoint site at the following [link](#). All HA members of BCIC and the Vaccine Safety working group are set up to access this information. For those MHOs who don't currently have access, if you would like to 'self-serve' retrieval of these reports please click [link](#) and it will take you to a page from which you can [submit a request for access](#).

Thank you,
Monika

.....
Monika Naus MD FRCPC
Medical Director, Communicable Diseases & Immunization Service
Medical Head, Immunization Programs & Vaccine Preventable Diseases
BC Centre for Disease Control

monika.naus@bccdc.ca

Tel 604.707.2540

Cell **s.15**

Assistant: Jessica Taylor (Monday - Wednesday) and Esther Cummings (Thursday/Friday) mnds.assist@bccdc.ca Tel [604 707 2519](tel:6047072519)

I gratefully acknowledge that I live on the territory of the Coast Salish Peoples.

AEFI report from today

From: Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>
To: Henry, Bonnie [EXT] <bonnie.henry@gov.bc.ca>, Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Cc: Amos, Heather [BCCDC] <heather.amos@bccdc.ca>, Gustafson, Reka [BCCDC] <reka.gustafson@phsa.ca>, XT:Amos, Heather HLBC:IN <heather.amos@bccdc.ca>
Sent: March 11, 2021 1:47:19 PM PST
Attachments: COVID19_AEFI_Summary_Report_2021-03-11.html

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Hi Bonnie

This is today's report. You will also see my note about the AstraZeneca suspension. Nothing concerning based on BC rates but we are continuing to see anaphylaxis reported at higher rates than the Canadian average; [s.13](#). We are reviewing these on a case by case basis and are doing the Brighton leveling; it's clear that some people are being overtreated e.g., 'vomiting 5 minutes after receiving vaccine; received adrenaline'.

We have had 4 Bell's reported and [s.13](#) with 2 expected, 4 reported. [s.13](#)
[s.13](#)

Apologies that I've been in back to back meetings all day and trying to get the information together about the AstraZeneca lot hold.

We will be producing a public facing report (the enclosed is for public health, and accessible on SharePoint for MHOs/ others) shortly, and updating - we can do weekly for now and then perhaps drop down to q2 weeks.

Thank you,
Monika

.....
Monika Naus MD FRCPC
Medical Director, Communicable Diseases & Immunization Service
Medical Head, Immunization Programs & Vaccine Preventable Diseases
BC Centre for Disease Control
monika.naus@bccdc.ca
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Assistant: Jessica Taylor (Monday - Wednesday) and Esther Cummings (Thursday/Friday) mnds.assist@bccdc.ca Tel 604 707 2519

I gratefully acknowledge that I live on the territory of the Coast Salish Peoples.

Re: concerning adverse reactions to Pfizer vaccine

From: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
To: XT:Naus, Monika HLTH:IN <monika.naus@bccdc.ca>
Cc: Gustafson, Reka [BCCDC] <reka.gustafson@phsa.ca>, XT:Ballem, Penny HLTH:IN <pballem@telus.net>
Sent: March 25, 2021 7:48:40 AM PDT

Thanks Monika,
That would be good. Perhaps connect with Jong in the north first so he is aware.
Bonnie

Dr Bonnie Henry
Provincial Health Officer
Ministry of Health
Bonnie.henry@gov.bc.ca
s.17; s.19

On Mar 25, 2021, at 7:39 AM, Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca> wrote:

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Hi Bonnie

She is right that the AEFI reporting system is not public to provincial reporting and needs to go through a health care provider, but many reports are public reports to public health. Specific diagnoses need to be physician verified however and if this person suspects TM, then they would need to be seen and assessed. s.13

s.13

I would be happy to phone this lady and discuss the process further with her. I can explain why there have not been customized events for the mRNA vaccines and why the events are associated with specific timelines that have not been similarly customized.

Thank you,

Monika

.....

Monika Naus MD FRCPC
Medical Director, Communicable Diseases & Immunization Service
Medical Head, Immunization Programs & Vaccine Preventable Diseases
BC Centre for Disease Control
monika.naus@bccdc.ca
Tel [604.707.2540](tel:604.707.2540)
Cell s.15

From: Bonnie.Henry@gov.bc.ca
Sent: March 25, 2021 6:27 AM
To: Monika.Naus@bccdc.ca; reka.gustafson@phsa.ca; pballem@telus.net
Subject: Fwd: concerning adverse reactions to Pfizer vaccine

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FYI. Ideas on how we can make it more transparent?
Bonnie

Dr Bonnie Henry
Provincial Health Officer
Ministry of Health
Bonnie.henry@gov.bc.ca
s.17; s.19

Begin forwarded message:

From: s.22
Date: March 24, 2021 at 10:38:38 PM PDT
To: "Henry, Bonnie HLTH:EX" <Bonnie.Henry@gov.bc.ca>
Cc: "Baker-French, Sophia MCF:EX" <Sophia.BakerFrench@gov.bc.ca>, "Behn Smith, Daniele HLTH:EX" <Daniele.BehnSmith@gov.bc.ca>, "Berkes, Andrea TACS:EX" <Andrea.Berkes@gov.bc.ca>
Subject: concerning adverse reactions to Pfizer vaccine

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Dear Dr. Henry,
s.22

- 1) We would like to ensure that you are aware of these concerning adverse reactions to the vaccine.
 - 2) We would like to request that you consider more straightforward and transparent processes for reporting adverse reactions to vaccines, for both healthcare professionals, and for individual citizens.
- As is the case with many people, I was very excited to see the vaccination plans for the province. s.22
s.22

When I looked into options for reporting adverse reactions from vaccinations, on the BCCDC website, I found instructions for medical professionals, including the form to use and criteria for when adverse reactions must be reported. It is concerning that there are no special instructions for adverse reactions to Covid-19 vaccines, given the rapid development and relative newness of the mRNA-type vaccines. Moreover, the form refers to two types of traditionally-used vaccines when referring to timelines for adverse reactions, with no mention of mRNA vaccines and their specific timeline for adverse reactions of concern.

As individual healthcare consumers, we rely on healthcare professionals to report adverse events, but there is no way to report our own symptoms or to ensure that a report has been made about our situation. The criteria for reporting have not been updated for the current vaccination roll-out and in news articles I've found for the province (CTV), the very low numbers of adverse reactions and the lack of any mention of neurological symptoms, leads me to believe that not all adverse reactions are being reported. s.22

s.22

s.22 If these types of neurological symptoms are occurring after vaccinations for healthy middle-aged adults s.22

s.22 then it is quite possible that others are having these types of experiences, but they don't know how to report their concerns, or they are worried about how they will be treated when they report their concerns. There are many reasons why someone would not report adverse reactions: fear of being perceived as someone who is anti-vaccine, fear of not being believed, fear of not being treated respectfully, lack of access to healthcare, lack of awareness for how to report, etc.

I am fairly certain you must already be aware of these types of adverse reactions and that there is some form of tracking/investigating taking place within the province. In the slim chance you were not aware, I wanted to ensure you knew

about these concerns. If you would like to know more, [s.22](#)

[s.22](#)

Please consider strengthening the approach within the province to reporting adverse reactions to vaccines. Individual citizens should know what to watch for and who to tell. There should be a feedback mechanism so that individuals know that their report has been made. There should be rapid access pathways to healthcare for anyone who has serious symptoms so that these cases can be investigated thoroughly, treated appropriately, and understood completely. Healthcare consumers should know about all potential reactions so they can make an informed decision about getting vaccines, and so that they know when to seek medical attention if they have concerning reactions.

Sincerely,

[s.22](#)

RE: Concern about the risk of CSVT associated with AZ vaccine

From : Gustafson, Reka [BCCDC] <reka.gustafson@phsa.ca>
To: Henry, Bonnie [EXT] <bonnie.henry@gov.bc.ca>, Galanis, Eleni [BCCDC] <Eleni.Galanis@bccdc.ca>, XT:HLTH Galanis, Eleni <eleni.galanis@bccdc.ca>, Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Cc: Skowronski, Danuta [BCCDC] <Danuta.Skowronski@bccdc.ca>, Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>, Patrick, David [BCCDC] <David.Patrick@bccdc.ca>, XT:Naus, Monika HLTH:IN <monika.naus@bccdc.ca>, XT:Patrick, David HLTH:IN <david.patrick@bccdc.ca>
Sent: March 25, 2021 3:57:55 PM PDT

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Hi Bonnie,

I spoke with Monika and she will be bringing considerations for discussion to PHEC tomorrow.

Thank you

Reka

Dr. Réka Gustafson MD FRCPC

Vice President, Public Health and Wellness, PHSA & Deputy Provincial Health Officer
Provincial Health Services Authority

From: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Sent: Thursday, March 25, 2021 3:13 PM
To: Galanis, Eleni [BCCDC] <Eleni.Galanis@bccdc.ca>
Cc: Skowronski, Danuta [BCCDC] <Danuta.Skowronski@bccdc.ca>; Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>; Gustafson, Reka [BCCDC] <reka.gustafson@phsa.ca>; Patrick, David [BCCDC] <David.Patrick@bccdc.ca>
Subject: RE: Concern about the risk of CSVT associated with AZ vaccine

EXTERNAL SENDER. If you suspect this message is malicious, please forward to spam@phsa.ca and **do not** open attachments or click on links.

Thank you. I am aware of the data that you have seen and Danuta shared her synopsis. We have also discussed in some detail at SAC and with my CMHO colleagues. We will be discussing again at 5. Needless-to-say I take this very seriously and have been following very closely and considering all options.
Bonnie

*Dr Bonnie Henry
Provincial Health Officer
Office of the PHO
Ministry of Health*

s.15; s.19

Mailing address: PO Box 9648, STN PROV GOVT
Victoria, BC
V8W 9P4
Bonnie.henry@gov.bc.ca

Phone: s.17; s.19

I gratefully acknowledge that I live and work on the traditional unceded territory of the Lekwungen Peoples, specifically the Songhees and Esquimalt First Nations. Hay'sxw'qu Si'em

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From: Galanis, Eleni [BCCDC] <Eleni.Galanis@bccdc.ca>

Sent: March 25, 2021 3:10 PM

To: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>

Cc: Skowronski, Danuta [BCCDC] <Danuta.Skowronski@bccdc.ca>; XT:Naus, Monika HLTH:IN <monika.naus@bccdc.ca>; Gustafson, Reka [BCCDC] <reka.gustafson@phsa.ca>; XT:Patrick, David HLTH:IN <david.patrick@bccdc.ca>

Subject: Concern about the risk of CSVT associated with AZ vaccine

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Hi Bonnie,

The BCCDC COVID19 Oversight Cmte met yesterday and was presented with a summary of European CSVT cases following AstraZeneca (AZ) vaccination by Danuta. As chair of this cmte, I want to share my high level of concern with the findings, namely:

- Severe nature of the AEFI (high case fatality and sequelae risk)
- Young age of cases
- Unusual features which make this a unique clinical phenotype
- Excess risk associated with AZ vaccination

I urge that decision-makers review this information as soon as possible to consider whether to pause the use of the AZ/COVISHIELD vaccine until further investigations are completed, to understand the extent of risk for BC residents.
Eleni

Eleni Galanis, MD, MPH, FRCPC

Physician Epidemiologist

BC Centre for Disease Control 655 W12th Ave. Vancouver BC V5Z 4R4

(t) 604-707-2558 (f) 604-707-2516 (c) s. 15

RE: Devastating Vaccine Injuries among residents of Lytton

From: Bonnie.Henry@gov.bc.ca
To: XT:Naus, Monika HLTH:IN <monika.naus@bccdc.ca>
Sent: April 8, 2021 11:45:12 AM PDT

Talk to him first and then let us know whether this is something we should bring to the attention of the College.
Thanks,
b

Dr Bonnie Henry
Provincial Health Officer
Office of the PHO
Ministry of Health

s.15; s.19

Mailing address: PO Box 9648, STN PROV GOVT
Victoria, BC
V8W 9P4
Bonnie.henry@gov.bc.ca

Phone: s.17; s.19

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From: Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>
Sent: April 8, 2021 11:31 AM
To: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Subject: RE: Devastating Vaccine Injuries among residents of Lytton

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Bonnie

given this context, do you want me to PHONE Dr. Hoffe as requested by Penny? s.13
s.13

Thank you,
Monika

.....
Monika Naus MD FRCPC
Medical Director, Communicable Diseases & Immunization Service
Medical Head, Immunization Programs & Vaccine Preventable Diseases
BC Centre for Disease Control
monika.naus@bccdc.ca
Tel 604.707.2540

Cell s.15

Assistant: Jessica Taylor (Monday - Wednesday) and Esther Cummings (Thursday/Friday) mnds.assist@bccdc.ca Tel 604 707 2519

I gratefully acknowledge that I live on the territory of the Coast Salish Peoples.

From: Smith, Dr. Douglas <Douglas.Smith@interiorhealth.ca>
Sent: Thursday, April 08, 2021 11:27 AM

To: Henry, Bonnie [EXT] <bonnie.henry@gov.bc.ca>; Fenton, Carol [IHA] <Carol.Fenton@interiorhealth.ca>; Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>

Subject: RE: Devastating Vaccine Injuries among residents of Lytton

Thank you Bonnie,

s.13; s.22

Regards,

Doug

Douglas W. Smith, MSc, MD, CCFP
Executive Medical Director, Clinical Operations, IH North
Medical Staff co-Lead, IH Pandemic Response Coordination Committee (PRCC)

Cell phone 778-214-4657

From: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Sent: Thursday, April 08, 2021 11:02 AM
To: Fenton, Dr. Carol <Carol.Fenton@interiorhealth.ca>; Naus, Monika [PHSA] <Monika.Naus@bccdc.ca>
Cc: Smith, Dr. Douglas <Douglas.Smith@interiorhealth.ca>
Subject: RE: Devastating Vaccine Injuries among residents of Lytton

Thanks for following up.s.13

Bonnie

*Dr Bonnie Henry
Provincial Health Officer
Office of the PHO
Ministry of Health*

s.15; s.19

*Mailing address: PO Box 9648, STN PROV GOVT
Victoria, BC
V8W 9P4
Bonnie.henry@gov.bc.ca*

Phone: s.17; s.19

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From: Fenton, Dr. Carol <Carol.Fenton@interiorhealth.ca>
Sent: April 8, 2021 10:45 AM
To: XT:Naus, Monika HLTH:IN <monika.naus@bccdc.ca>
Cc: XT:Smith, Dr. Douglas HLTH:IN <Douglas.Smith@interiorhealth.ca>; Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Subject: RE: Devastating Vaccine Injuries among residents of Lytton

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Hi Monika,

He sent the same letter to myself and copied numerous people, including community and First Nations partners. I am in the process of crafting a response with our communications department to try and mitigate the harm.

s.13

Carol Fenton BHSc MSc MD FRCPC
Medical Health Officer | Interior Health | she/her/hers
519A Columbia St | Kamloops, British Columbia

I live, work and play in the ancestral and unceded territory of the Tk'emlúps te Sewcépemc people

For 2021: "Side effects of the vaccine include hope, optimism, and a sense of a brighter future".

From: Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>
Sent: Thursday, April 08, 2021 10:17 AM
To: Fenton, Dr. Carol <Carol.Fenton@interiorhealth.ca>
Subject: FW: Devastating Vaccine Injuries among residents of Lytton

Hello Carol

Please see the enclosed letter from a physician in Lytton.

Do you have any insight into his concerns? We are checking Panorama for AEFI reported among residents of Lytton. Has he been in touch with the health unit?

I may also connect with Helena and Marion in case First Nations Health Authority is hearing/ following this.

I will get in touch with him and have a conversation but wanted to connect with you first.

Thank you,
Monika

.....
Monika Naus MD FRCPC
Medical Director, Communicable Diseases & Immunization Service
Medical Head, Immunization Programs & Vaccine Preventable Diseases
BC Centre for Disease Control
monika.naus@bccdc.ca
Tel 604.707.2540
Cell s.15

Assistant: Jessica Taylor (Monday - Wednesday) and Esther Cummings (Thursday/Friday) mnds.assist@bccdc.ca Tel 604 707 2519

I gratefully acknowledge that I live on the territory of the Coast Salish Peoples.

From: Charles Hoffe <s.22>
Sent: April 7, 2021 8:09 PM
To: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Subject: Devastating Vaccine Injuries

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Dear Dr Henry,

I am a family physician in Lytton, BC. I greatly appreciate the work that you have been doing on our behalf. Sadly I have been seeing terrible side-effects from the covid vaccines in my medical practice.

Please read my attached letter, which I send to you with much sadness, for those who have been harmed.

Yours sincerely,

Charles Hoffe

RE: AEFI with COVID vaccines: public report posting

From : Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>
To: Henry, Bonnie [EXT] <bonnie.henry@gov.bc.ca>, Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Cc: Lavoie, Martin <Martin.Lavoie@gov.bc.ca>, Noftall, Kyle [BCCDC] <Kyle.Noftall@bccdc.ca>, Amos, Heather [BCCDC] <heather.amos@bccdc.ca>, Gustafson, Reka [BCCDC] <reka.gustafson@phsa.ca>, XT:Amos, Heather HLBC:IN <heather.amos@bccdc.ca>, Lavoie, Martin HLTH:EX <Martin.Lavoie@gov.bc.ca>
Sent: April 8, 2021 8:54:13 PM PDT

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Hi Bonnie

The first weekly public facing AEFI report has been posted on this [page](#) (see under 'Ongoing monitoring...', blue banner with +), with the direct link to the report [here](#).

Thank you,
Monika

.....
Monika Naus MD FRCPC
Medical Director, Communicable Diseases & Immunization Service
Medical Head, Immunization Programs & Vaccine Preventable Diseases
BC Centre for Disease Control
monika.naus@bccdc.ca
Tel 604.707.2540

Cell **s.15**

Assistant: Jessica Taylor (Monday - Wednesday) and Esther Cummings (Thursday/Friday) mnds.assist@bccdc.ca Tel 604 707 2519

I gratefully acknowledge that I live on the territory of the Coast Salish Peoples.

From: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Sent: Tuesday, April 06, 2021 4:55 PM
To: Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>
Cc: Lavoie, Martin <Martin.Lavoie@gov.bc.ca>; Noftall, Kyle [BCCDC] <Kyle.Noftall@bccdc.ca>; Amos, Heather [BCCDC] <heather.amos@bccdc.ca>; Gustafson, Reka [BCCDC] <reka.gustafson@phsa.ca>
Subject: RE: AEFI with COVID vaccines: public report posting

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Works for me, thanks.
b

*Dr Bonnie Henry
Provincial Health Officer
Office of the PHO
Ministry of Health*

s.15; s.19

*Mailing address: PO Box 9648, STN PROV GOVT
Victoria, BC
V8W 9P4
Bonnie.henry@gov.bc.ca*

Phone: s.17; s.19

I gratefully acknowledge that I live and work on the traditional unceded territory of the Lekwungen Peoples, specifically the Songhees and Esquimalt First Nations. Hay'sxw'qu Si'em

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From: Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>
Sent: April 6, 2021 4:37 PM
To: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Cc: Lavoie, Martin HLTH:EX <Martin.Lavoie@gov.bc.ca>; Noftall, Kyle [BCCDC] <Kyle.Noftall@bccdc.ca>; XT:Amos, Heather HLBC:IN <heather.amos@bccdc.ca>; Gustafson, Reka [BCCDC] <reka.gustafson@phsa.ca>
Subject: AEFI with COVID vaccines: public report posting

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Hi Bonnie

We had the vaccine safety working group of BCIC review the draft report last week and would like to start producing a weekly report based on data entered to the end of each Tuesday for reports up to the previous Saturday (by date of report), extracted on Wednesday and posted on Thursday.

We can defer posting by a day, if you would prefer to report (sometimes) in your Thursday media briefing, but we think it's fine for you to summarize information that is already up on our web site 'freshly posted' on the same day.

Do you agree?

Thank you,
Monika

.....

Monika Naus MD FRCPC
Medical Director, Communicable Diseases & Immunization Service
Medical Head, Immunization Programs & Vaccine Preventable Diseases
BC Centre for Disease Control
monika.naus@bccdc.ca
Tel 604.707.2540
Cell s.15
Assistant: Jessica Taylor (Monday - Wednesday) and Esther Cummings (Thursday/Friday) mnds.assist@bccdc.ca Tel 604 707 2519

I gratefully acknowledge that I live on the territory of the Coast Salish Peoples.

RE: Pfizer vaccine and blood clots in my lungs

From: Hasselback, Paul (Dr) <Paul.Hasselback@VIHA.CA>
To: Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>, XT:Naus, Monika HLTH:IN <monika.naus@bccdc.ca>
Cc: Henry, Bonnie [EXT] <bonnie.henry@gov.bc.ca>, Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Sent: May 18, 2021 2:56:53 PM PDT
Attachments: image001.jpg

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

PS – 9 days post Pfizer.

s.22

s.22

s.22

I will complete full investigation when we have done interview and obtained some additional information.

Paul

From: Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>

Sent: Tuesday, May 18, 2021 12:35 PM

To: Hoyano, Dee (Dr) <Dee.Hoyano@viha.ca>; Benusic, Michael <Michael.Benusic@VIHA.CA>

Cc: Henry, Bonnie [EXT] <bonnie.henry@gov.bc.ca>; Stanwick, Richard (Dr) <Richard.Stanwick@viha.ca>; Hasselback, Paul (Dr) <Paul.Hasselback@VIHA.CA>; Ord, Desiree <Desiree.Ord@viha.ca>; McNeal, Jade <Jade.McNeal@viha.ca>; Palmer, Kathy <Kathy.Palmer@viha.ca>

Subject: RE: Pfizer vaccine and blood clots in my lungs

Hello Mike and Dee

Will VIHA staff be able to follow up with this lady?

I've copied the VIHA members of the COVID-19 vaccine safety working group.

Thank you,

Monika

.....
Monika Naus MD FRCPC

Medical Director, Communicable Diseases & Immunization Service

Medical Head, Immunization Programs & Vaccine Preventable Diseases

BC Centre for Disease Control

monika.naus@bccdc.ca

Tel 604.707.2540

Cell s.15

Assistant: Jessica Taylor (Monday - Wednesday) and Esther Cummings (Thursday/Friday) mnds.assist@bccdc.ca Tel 604 707 2519

I gratefully acknowledge that I live on the territory of the Coast Salish Peoples.

From: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>

Sent: Tuesday, May 18, 2021 11:42 AM

To: Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>; Stanwick, Richard (Dr) [VIHA] <Richard.Stanwick@viha.ca>

Subject: FW: Pfizer vaccine and blood clots in my lungs

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Would someone please reach out to this person and see if this has been reported as a AEFI. And support any further assessment. Etc.

Thanks,
Bonnie

Dr Bonnie Henry
Provincial Health Officer
Office of the PHO
Ministry of Health

s.15; s.19

Mailing address: PO Box 9648, STN PROV GOVT
Victoria, BC
V8W 9P4
Bonnie.henry@gov.bc.ca

Phone: s.17; s.19

I gratefully acknowledge that I live and work on the traditional unceded territory of the Lekwungen Peoples, specifically the Songhees and Esquimalt First Nations. Hay'sxw'qu Si'em

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From: s.22

Sent: May 18, 2021 9:48 AM

To: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>

Subject: Pfizer vaccine and blood clots in my lungs

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Dear Dr. Bonnie Henry.

I have been following your weekly reports since March 2020 and thank you for keeping British Columbia's well informed during the pandemic.

I was diagnosed with blood clots in my lungs on s.22 after receiving the Pfizer vaccine a week before.

s.22 who helped me prescribe the drug Eliquis and has written to my GP, s.22 to recommend that I see one of s.22 blood specialist's. s.22 only works 3 days per week and is normally quite busy and may not be available this week for an *in person* appointment.

If at all possible, I would appreciate your assistance to help expedite an appointment to see the recommended specialist by s.22 My hope would be that you, your team and the Pfizer Pharmaceutical Industry Company would also be interested to follow up and investigate further, as to why my first vaccine resulted with blood clots in my lungs and to add these findings to the ongoing research in a timely manner.

s.22 also mentioned to me that I would still have to follow through with my second dose of the Pfizer vaccine and that I should be okay while continuing to take the drug Eliquis.

I look forward to your reply and any direction that you may be able to provide.
Much appreciated and thank you for your consideration.

s.22

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s.22

Re: TTS case in FHA -possible

From: Brodtkin, Elizabeth Dr. [FH] <Elizabeth.Brodtkin@fraserhealth.ca>
To: Lajeunesse, Carol [FH] <carol.lajeunesse@fraserhealth.ca>
Cc: Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>, Bigham, Mark [FH] <Mark.Bigham@fraserhealth.ca>, Henry, Bonnie [EXT] <bonnie.henry@gov.bc.ca>, Tyler, Ingrid [FH] <ingrid.tyler@fraserhealth.ca>, XT:HLTH Bigham, Mark <mark.bigham@fraserhealth.ca>, Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>, XT:Tyler, Ingrid FHA:IN <ingrid.tyler@fraserhealth.ca>, XT:Naus, Monika HLTH:IN <monika.naus@bccdc.ca>
Sent: May 22, 2021 10:41:45 AM PDT

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Please make sure the MRP is also included.

Sent from my iPhone

On May 22, 2021, at 10:39, Lajeunesse, Carol [FH] <carol.lajeunesse@fraserhealth.ca> wrote:

Hi Monika

The individual has no AEFI in our system at [s.2](#) He does however show up as living in and receiving [s.22](#)

Will initiate follow-up processes.

C

Carol LaJeunesse, RN BScN
Fraser Health CDNC
carol.lajeunesse@fraserhealth.ca
604 897-4635

From: Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>
Sent: Friday, May 21, 2021 9:25 PM
To: Tyler, Ingrid [FH] <ingrid.tyler@fraserhealth.ca>
Cc: Bigham, Mark [FH] <Mark.Bigham@fraserhealth.ca>; Brodtkin, Elizabeth Dr. [FH] <Elizabeth.Brodtkin@fraserhealth.ca>; Henry, Bonnie [EXT] <bonnie.henry@gov.bc.ca>; Lajeunesse, Carol [FH] <carol.lajeunesse@fraserhealth.ca>
Subject: TTS case in FHA -possible

Hi Ingrid

Just heard from Agnes Lee that there was a man on Global news saying that he is VITT case.

Name is Hal Fraser Bringeland.

He said he was hospitalized at Peace Arch Apr 29th.

1st dose Apr 5th.

Apr 29th SOB.

CT scan confirmed PE.

Thank you,

Monika

.....

Monika Naus MD FRCPC
Medical Director, Communicable Diseases & Immunization Service
Medical Head, Immunization Programs & Vaccine Preventable Diseases
BC Centre for Disease Control
monika.naus@bccdc.ca
Tel [604.707.2540](tel:604.707.2540)
Cell [s.15](tel:604.707.2540)

RE: Pfizer Adverse Reaction Client ID: s.22

From: Bartel, Kim <Kim.Bartel@interiorhealth.ca>
To: Naus, Monika [PHSA] <Monika.Naus@bccdc.ca>, Henry, Bonnie [EXT] <bonnie.henry@gov.bc.ca>, De Villiers, Albert <Albert.DeVilliers@interiorhealth.ca>, Fenton, Dr. Carol <Carol.Fenton@interiorhealth.ca>, Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>, XT:Naus, Monika HLTH:IN <monika.naus@bccdc.ca>
Cc: Smith, Kristiina <Kristiina.Smith@interiorhealth.ca>, Parker, Dr. Robert <Robert.Parker@interiorhealth.ca>, Adverse Events <Adverse.Events@interiorhealth.ca>, XT:HLTH Parker, Robert <ROBERT.PARKER@interiorhealth.ca>
Sent: June 8, 2021 2:32:52 PM PDT
Attachments: image001.jpg

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Just thought I would give a quick update on what we know so far – this is from the s.22

- s.22
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PHN is working to obtain further information/reports from Meditech for IH visits. Will update further once more information obtained.

Kim

Kim Bartel RN MN
Immunization Specialist ~ Population Health
Vernon Health Centre – T2 | 1440 14th Ave, Vernon, BC V1B 2T1
Phone: 1-866-778-7736 | Fax: 250-549-6310



I gratefully acknowledge that my workplace is within the ancestral, traditional, and unceded territory of the Syilx Nation

From: Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>
Sent: Tuesday, June 08, 2021 9:22 AM

To: Henry, Bonnie [EXT] <bonnie.henry@gov.bc.ca>; De Villiers, Albert <Albert.DeVilliers@interiorhealth.ca>; Fenton, Dr. Carol <Carol.Fenton@interiorhealth.ca>
Cc: Smith, Kristiina <Kristiina.Smith@interiorhealth.ca>; Bartel, Kim <Kim.Bartel@interiorhealth.ca>
Subject: RE: Pfizer Adverse Reaction

Thanks Bonnie.

s.13; s.22

s.13; s.22

Let me know if you need me to connect with s.22 for anything.

Thank you,
Monika

.....
Monika Naus MD FRCPC
Medical Director, Communicable Diseases & Immunization Service
Medical Head, Immunization Programs & Vaccine Preventable Diseases
BC Centre for Disease Control
monika.naus@bccdc.ca
Tel 604.707.2540
Cell s.15
Assistant: Jessica Taylor (Monday - Wednesday) and Esther Cummings (Thursday/Friday) mnds.assist@bccdc.ca Tel 604 707 2519

I gratefully acknowledge that I live on the territory of the Coast Salish Peoples.

From: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Sent: Tuesday, June 08, 2021 8:01 AM
To: Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>; Devilliers, Albert [IHA] <albert.devilliers@interiorhealth.ca>
Subject: FW: Pfizer Adverse Reaction

EXTERNAL SENDER. If you suspect this message is malicious, please forward to spam@phsa.ca and **do not** open attachments or click on links.

Could someone please follow up on this.

Thanks,
Bonnie

*Dr Bonnie Henry
Provincial Health Officer
Office of the PHO
Ministry of Health*

s.15; s.19

*Mailing address: PO Box 9648, STN PROV GOVT
Victoria, BC
V8W 9P4
Bonnie.henry@gov.bc.ca*

Phone: s.17; s.19

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From: s.22
Sent: June 7, 2021 10:14 PM
To: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Subject: Pfizer Adverse Reaction

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

s.22 received his Pfizer vaccine on s.22. On the afternoon of s.22, his stroke was reported as an adverse reaction. He was s.22, his stroke was reported as an adverse reaction. A few days later I was contacted by s.22 to start an investigation into his adverse reaction. Once they discovered the vaccine was given s.22 : BC was responsible for the investigation.

I have yet to be contacted by anyone to look into this and I believe it warrants looking into. Doctors in BC and s.22 agree that the vaccine was the catalyst for his stroke. We can not change this for s.22 but investigating this might prevent someone else from suffering the same outcome.

Sincerely,
s.22

Get [Outlook for iOS](#)

RE: AstraZeneca vaccine caused Guillain-Barré Syndrome (GBS) and Bell's Palsy

From: van Baarsen, Amanda HLTH:EX <Amanda.vanBaarsen@gov.bc.ca>
To: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Cc: MacDonald, Alex HLTH:EX <Alex.MacDonald@gov.bc.ca>
Sent: June 9, 2021 11:03:01 AM PDT

Thanks very much.

-----Original Message-----

From: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Sent: June 9, 2021 11:03 AM
To: van Baarsen, Amanda HLTH:EX <Amanda.vanBaarsen@gov.bc.ca>
Cc: MacDonald, Alex HLTH:EX <Alex.MacDonald@gov.bc.ca>
Subject: RE: AstraZeneca vaccine caused Guillain-Barré Syndrome (GBS) and Bell's Palsy

Forwarded to [s.2](#) and BCCDC and it is already under investigation.

b

Dr Bonnie Henry
Provincial Health Officer
Office of the PHO
Ministry of Health

[s.15](#); [s.19](#)

Mailing address: PO Box 9648, STN PROV GOVT Victoria, BC V8W 9P4 Bonnie.henry@gov.bc.ca

Phone: [s.17](#); [s.19](#)

I gratefully acknowledge that I live and work on the traditional unceded territory of the Lekwungen Peoples, specifically the Songhees and Esquimalt First Nations. Hay'sxw'qu Si'em

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-----Original Message-----

From: van Baarsen, Amanda HLTH:EX <Amanda.vanBaarsen@gov.bc.ca>
Sent: June 9, 2021 11:01 AM
To: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Cc: MacDonald, Alex HLTH:EX <Alex.MacDonald@gov.bc.ca>
Subject: RE: AstraZeneca vaccine caused Guillain-Barré Syndrome (GBS) and Bell's Palsy

Thanks very much.

-----Original Message-----

From: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Sent: June 9, 2021 10:40 AM
To: van Baarsen, Amanda HLTH:EX <Amanda.vanBaarsen@gov.bc.ca>
Cc: MacDonald, Alex HLTH:EX <Alex.MacDonald@gov.bc.ca>
Subject: RE: AstraZeneca vaccine caused Guillain-Barré Syndrome (GBS) and Bell's Palsy

Yes, GBS is most often related to infection so that would need to be investigated but has been associated with vaccination (particularly influenza). This should be reported by his physicians to public health as an AEFI and investigated by public health. And yes, the new vaccine injury support program is designed for things like this if it is found to be causally related to vaccine.

I will forward to Monika Naus and s. MHO for investigation.

Bonnie

Dr Bonnie Henry
Provincial Health Officer
Office of the PHO
Ministry of Health

s.15; s.19

Mailing address: PO Box 9648, STN PROV GOVT Victoria, BC V8W 9P4 Bonnie.henry@gov.bc.ca

Phone: s.17; s.19

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-----Original Message-----

From: van Baarsen, Amanda HLTH:EX <Amanda.vanBaarsen@gov.bc.ca>

Sent: June 9, 2021 10:35 AM

To: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>

Cc: MacDonald, Alex HLTH:EX <Alex.MacDonald@gov.bc.ca>

Subject: FW: AstraZeneca vaccine caused Guillain-Barré Syndrome (GBS) and Bell's Palsy

Is this an AFI we were unaware of?

-----Original Message-----

From: Letnick.MLA, Norm <Norm.Letnick.MLA@leg.bc.ca>

Sent: June 7, 2021 8:25 AM

To: van Baarsen, Amanda HLTH:EX <Amanda.vanBaarsen@gov.bc.ca>

Subject: FW: AstraZeneca vaccine caused Guillain-Barré Syndrome (GBS) and Bell's Palsy

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Good Morning Amanda!

I hope you had a great weekend?

Any advice I can pass on to this person please?

Norm

-----Original Message-----

From: s.22

Sent: June 4, 2021 7:35 AM

To: Letnick.MLA, Norm <Norm.Letnick.MLA@leg.bc.ca>

Cc: s.22

Subject: AstraZeneca vaccine caused Guillain-Barré Syndrome (GBS) and Bell's Palsy

Norm,

We have met a couple of times through s.22

My s.22 had his AstraZeneca vaccine on or about s.22 By s.22

s.22 he began experiencing some body pain and by the following weekend he was completely immobile in

s.22 After 5 ER visits in 48 hours in extreme pain a s.22 Dr suspected GBS and commenced GBS treatment pre diagnosis which was a blessing. A few days later his diagnosis was confirmed as GBS and Bell's Palsy.

His attending Drs believe his condition is a result of the vaccine.

After almost s.22 he came home this s.22 in a wheelchair. Both he and s.22

s.22 He is expected to fully recover but the recovery may take a year.

There must be some sort of governmental support for rare cases such as his. Health Canada apparently has a program but it must be "serious and permanent " to trigger support.

It is truly heart breaking to see this s.22 totally incapacitated so quickly by this vaccine.

This morning a CBC radio broadcast mentioned 15 people across Canada similarly affected.

s.22

s.22

Sent from my iPad

RE: Negative Covid Reaction to Pfizer Vaccine

From: Daly, Patty [VCH] <Patricia.Daly@vch.ca>
To: Henry, Bonnie [EXT] <bonnie.henry@gov.bc.ca>, Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Sent: June 11, 2021 10:26:12 AM PDT

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Yes we will.

Patricia Daly, MD, FRCPC
Vice-President, Public Health & Chief Medical Health Officer
Vancouver Coastal Health

office 604 675 3924
e-mail patricia.daly@vch.ca

Erika Bell
Executive Assistant
office 604 675 3918
e-mail erika.bell@vch.ca

I acknowledge that my place of work lies on the unceded traditional homelands of the Musqueam, Squamish and Tsleil-Waututh Nations.

The content of this e-mail is confidential and may be privileged. If you receive this e-mail in error, please contact the sender and delete it immediately.

-----Original Message-----

From: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Sent: Thursday, June 10, 2021 8:02 PM
To: Daly, Patty [VCH] <Patricia.Daly@vch.ca>
Subject: Fwd: Negative Covid Reaction to Pfizer Vaccine

EXTERNAL SENDER. If you suspect this message is malicious, please forward to spam@phsa.ca and do not open attachments or click on links.

Could someone perhaps follow up with these folk?

Thanks
B

Dr Bonnie Henry
Provincial Health Officer
Ministry of Health
Bonnie.henry@gov.bc.ca

s.17; s.19

Begin forwarded message:

From: s.22

Date: June 10, 2021 at 6:53:17 PM PDT

To: "Henry, Bonnie HLTH:EX" <Bonnie.Henry@gov.bc.ca>

Subject: Negative Covid Reaction to Pfizer Vaccine

Reply-To: s.22

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

TO Bonnie Henry

s.22 and I don't know who else to turn to to resolve our concern about s.22 adverse reaction to her first shot of the Pfizer Vaccine so we decided to ask your advice.

She can't reach her family physician, s.22 because he is apparently ill and out of his s.22 office and not easily accessible. Since receiving her first shot of Pfizer she has had an anaphylaxis reaction of hives that has spread all over body and been very itchy. She has tried the antihistamine 'Reactive' but that made her nauseous and dizzy

She is now due to receiver her second vaccination on Wednesday at the s.22 She doesn't know whether she should proceed with taking a second shot of Pfizer, opt for the Moderna vaccine or wait until she can consult with her family physician or some other physician knowledgeable about the COVID procedures.

s.22 or via my email. Thank you

From: [Nicola Lambrechts](#)
To: [Henry, Bonnie HLTH:EX](#)
Subject: Fwd: AEFI report
Date: March 15, 2021 9:57:26 AM
Attachments: [COVID19 AEFI Summary Report 2021-03-15.html](#)

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

FYI

Begin forwarded message:

From: "Amos, Heather [BCCDC]" <heather.amos@bccdc.ca>
Subject: RE: AEFI report
Date: March 15, 2021 at 9:55:31 AM PDT
To: "NLK_Strategies, Nicola" <Nicola@nlkstrategies.ca>

Hi,

We don't get updated rates in time on Mondays so here are the counts:

	Cumulative COVID19 Count
Total AEFI	469
Serious AEFI	124
Anaphylaxis	79
Anaphylaxis Brighton levels 1/2/3	46
Other allergic	189

Heather

From: Nicola Lambrechts [<mailto:nicola@nlkstrategies.ca>]
Sent: Monday, March 15, 2021 9:15 AM
To: Amos, Heather [BCCDC]
Subject: Re: AEFI report

EXTERNAL SENDER. If you suspect this message is malicious, please forward to spam@phsa.ca and do not open attachments or click on links.

Sure! Thank you.

Nicola Lambrechts
nicola@nlkstrategies.ca
604-970-9113

On Mar 15, 2021, at 9:07 AM, Amos, Heather [BCCDC] <heather.amos@bccdc.ca> wrote:

See attached. Would you like me to see if I can an update today?

From: Nicola Lambrechts [<mailto:nicola@nlkstrategies.ca>]

Sent: Monday, March 15, 2021 9:06 AM

To: Amos, Heather [BCCDC]

Subject: AEFI report

EXTERNAL SENDER. If you suspect this message is malicious, please forward to spam@phsa.ca and **do not** open attachments or click on links.

Hi Heather - Would you mind please sending me the weekly AEFI report?

Thank you,
Nicola

Nicola Lambrechts

NLK Strategies

604.970.9113

nicola@nlkstrategies.ca

www.nlkstrategies.ca

<mime-attachment>

Nicola Lambrechts

NLK Strategies

604.970.9113

nicola@nlkstrategies.ca

www.nlkstrategies.ca

From: [Naus, Monika \[BCCDC\]](#)
To: [Henry, Bonnie HLTH:EX](#)
Cc: [Gustafson, Reka \[BCCDC\]](#)
Subject: higher rates of anaphylaxis associated with one of the Pfizer lots
Date: March 11, 2021 7:26:13 PM
Attachments: [COVID19_AEFI_Summary_Report_2021-03-11.html](#)

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Hi Bonnie

As we just discussed, we notified the feds today that we have noted a higher rate of reported anaphylaxis with one lot of the Pfizer vaccine. We asked them to take a look at the lot specific anaphylaxis rates for the Pfizer vaccine to see whether this is being noted elsewhere in the country, or whether we are the only place reporting high rates. We know that overall BC is reporting higher rates of anaphylaxis - appreciably higher than US, where they reported 11 per million doses, and in asking PHAC where we figure compared to the rest of the country, [s.13](#)

[s.13](#)

[s.13](#)

Here is the relevant information:

BC has received a total of 18 AEFI reports for events managed as anaphylaxis following a dose of the Pfizer COVID-19 mRNA vaccine lot number EP6017. There were 44,850 doses of this lot distributed in BC (shipped February 17), for a rate of anaphylaxis of 40 per 100,000 doses distributed. These events constitute 33% of all anaphylaxis events reported following receipt of Pfizer mRNA vaccine in BC, for which the overall anaphylaxis reporting rate has been 18.7 per 100,000. This lot accounts for about 12% of Pfizer mRNA doses distributed in BC to date.

Ten of the anaphylaxis reports were assessed as meeting the Brighton Collaboration anaphylaxis case definition levels 1, 2, or 3 criteria of diagnostic certainty (rate of 22 per 100,000 doses distributed). Two individuals were admitted to hospital following the anaphylaxis event. [s.22](#) of the hospitalized cases was hospitalized not because of anaphylaxis but because they received 3 doses of adrenaline and had a cardiac event (not an MI, but arrhythmia). Both recovered fully. There were also 13 other allergic events reported for the same lot number, accounting for about 12% of allergic events following Pfizer mRNA vaccine in BC (in line with this being 12% of Pfizer doses distributed); the lot-specific rate of allergic events was somewhat lower than the overall provincial rate for this vaccine.

Reports were received from all BC health authorities. Fifteen of the individuals were female, and the average age was 46 (range 23-68).

Today's full daily report of our AEFI is enclosed (same as I sent you earlier today); the 18 AEFI reports were reported by all regions and we will run the regional rates tomorrow to look if there was much off at that level.

[s.13](#)

Thank you,
Monika

.....
Monika Naus MD FRCPC
Medical Director, Communicable Diseases & Immunization Service
Medical Head, Immunization Programs & Vaccine Preventable Diseases
BC Centre for Disease Control

monika.naus@bccdc.ca

Tel 604.707.2540

Cell s.15

Assistant: Jessica Taylor (Monday - Wednesday) and Esther Cummings (Thursday/Friday)

mnds.assist@bccdc.ca Tel 604 707 2519

I gratefully acknowledge that I live on the territory of the Coast Salish Peoples.

RE: FYI - Media alert re s.22 and AstraZeneca vaccine reaction

From: HLTH Health Issues HLTH:EX <HealthIssues@gov.bc.ca>
To: Smith, Leah M HLTH:EX <Leah.Smith@gov.bc.ca>, HLTH Health Issues HLTH:EX <HealthIssues@gov.bc.ca>, Butler, Janice HLTH:EX <Janice.Butler@gov.bc.ca>
Cc: Wiman, Holly HLTH:EX <Holly.Wiman@gov.bc.ca>, Guerrero, Thomas HLTH:EX <Thomas.Guerrero@gov.bc.ca>, Cahill, Stephanie HLTH:EX <Stephanie.Cahill@gov.bc.ca>
Sent: June 14, 2021 8:26:17 AM PDT

We will send it their way now in case they don't already have it. Thanks for flagging, Leah.

Leah

Leah Baade (she/her)
a/Team Lead, Risk and Issues Management
Corporate Issues & Client Relations Branch
Ministry of Health
236-478-1364 | leah.baade@gov.bc.ca

With gratitude I live, work and learn on the territories of the Ləkʷəŋən people

From: Smith, Leah M HLTH:EX <Leah.Smith@gov.bc.ca>
Sent: June 11, 2021 5:10 PM
To: HLTH Health Issues HLTH:EX <HealthIssues@gov.bc.ca>; Butler, Janice HLTH:EX <Janice.Butler@gov.bc.ca>
Cc: Wiman, Holly HLTH:EX <Holly.Wiman@gov.bc.ca>; Guerrero, Thomas HLTH:EX <Thomas.Guerrero@gov.bc.ca>; Cahill, Stephanie HLTH:EX <Stephanie.Cahill@gov.bc.ca>
Subject: RE: FYI - Media alert re s.22 and AstraZeneca vaccine reaction

Thanks Julie,

Do we know if this information has been shared with the PHO team?

Kind regards, Leah

From: HLTH Health Issues HLTH:EX <HealthIssues@gov.bc.ca>
Sent: June 11, 2021 4:21 PM
To: Butler, Janice HLTH:EX <Janice.Butler@gov.bc.ca>; Smith, Leah M HLTH:EX <Leah.Smith@gov.bc.ca>
Cc: HLTH Health Issues HLTH:EX <HealthIssues@gov.bc.ca>; Wiman, Holly HLTH:EX <Holly.Wiman@gov.bc.ca>; Guerrero, Thomas HLTH:EX <Thomas.Guerrero@gov.bc.ca>
Subject: FYI - Media alert re s.22 and AstraZeneca vaccine reaction

Hi Leah –

We just received the notification below from VCH.
GCPE has been notified. We will share any updates we receive.

Thank you.

Julie

From: Cooledge, Chelsea [VCH] <chelsea.cooledge@vch.ca>
Sent: June 11, 2021 16:15
To: HLTH Health Issues HLTH:EX <HealthIssues@gov.bc.ca>
Cc: Guerrero, Thomas HLTH:EX <Thomas.Guerrero@gov.bc.ca>
Subject: Media alert re s.22 and AstraZeneca vaccine reaction

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Hello,

I've just been alerted by Public Affairs that a reporter from CBC has reached out for comment on the following case: s.2 year old attended s.22 ED after receiving AstraZeneca vaccine as s.2 was experiencing a severe headache. s.22 was assessed and given s.22 in ED and discharged. s.22 subsequently s.22 and attended hospital there where they determined s.22 is now recovering. s.2 has submitted a complaint to PCQO which is being investigated. HCPP also now notified.

Please let me know if you require any other information at this time.

Kind regards,
Chelsea

Chelsea Cooledge (Pronouns she/her)

Director, Client Relations & Risk Management

Vancouver Coastal Health

chelsea.cooledge@vch.ca

www.vch.ca

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I acknowledge that I work in the unceded homelands of the Coast Salish nations, including the territories of the St'át'imc, Skwxwú7mesh (Squamish), x̱məθkwəy̱əm (Musqueam), and Səlilwataʔ/Selilwitulh (Tsleil-Waututh).