To: Safavi, Farinaz (NIH/NINDS) [E] (b) (6)  From: Wiebold, Amanda (NIH/NINDS) [E][/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=4491EE2AE9804610899C741100150540-  Sent: Wed 3/31/2021 4:38:24 AM (UTC-05:00)  Subject: RE: Referral from (b) (6) neurological vaccine reaction					
Good morning.					
I emailed you yesterday (b) (6). All the documents you will need have been sent to you through secure email along with instructions. As I mentioned in my email yesterday, I am very flexible on Thursday for a phone call.					
Thank you,					
Amanda					
From: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6)  Sent: Tuesday, March 30, 2021 7:46 PM					
To: (b) (6) Wiebold, Amanda (NIH/NINDS) [E] < (b) (6)  Subject: Re: Referral from (b) (6)  neurological vaccine reaction					
Sure,I cc her in this email.Hope it helps. We will request your medical records and imagings files but it seems that If you can get them and send us by fax or email,it will be way faster. Please let me knkw if you have any questions and I would contact you if I have any update.					
Amanda,can you please consent (b) (6) for sample only? Thank you Farinaz					
From:  Sent: Tuesday, March 30, 2021 7:38:56 PM  To: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6)  Subject: Re: Referral from (b) (6)  neurological vaccine reaction					
I tried reaching Amanda and it came back as an undeliverable address. Can you have her contact me?					
Thanks					
Sent from my iPhone					
On Mar 30, 2021, at 1:09 PM, (b) (6) wrote:					
I was waiting to hear from you guys. I just sent her an email and would love to get you a sample. My symptoms remain the same. Still feel like an overall burning sensation and my feet and fingertips still bug me. It seems so vascular.					
Lots of praying on my side for some answers.					
Thanks					
(6) (6)					
Sent from my iPhone					
On Mar 30, 2021, at 10:18 AM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:					

Hi (b) (6)

How is everything? Hope your symptoms have improved.

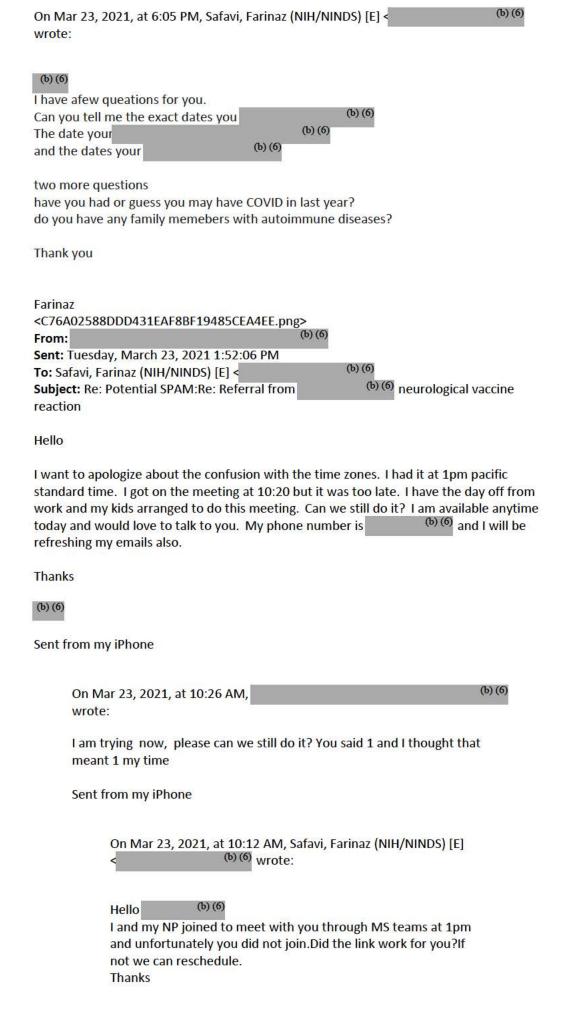
Our research nurse did not receive any call from you for consent. Can you please contact her and schedule the consent which helps us to complete our paperwork. (her email address is

I also think at this moment bringing you to NIH is not easily possible but if you give us the consent we can send you a kit and information to send us your serum sample.

Please let me know if you have any questions/concerns Thank you Farinaz

Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD

	(b) (6) March 23, 2021 11:28 PM			
	naz (NIH/NINDS) [E] tential SPAM:Re: Referral fr	om (b) (	6) neurological vaco	cine reaction
I started		(b) (6) . I co	ntinued to take	(b) (6)
Му	(6)	(6)		
Му		(b) (6)		
		a	b) (6)	
I was exposed t negative.	to people with covid. I was	tested 4 or 5 times	when I was and I al	ways came back
			(	b) (6)
Do you have an	email address or somewhe	re where I can send	d my records?!	
Thanks again fo ways!!	or talking to me today. I am	hoping and praying	that I will recover	and get back to my old
Oh by the way				(b) (6)
	Just so there isn't any conf	usion down the roa	d!	
Thanks again				
(L) (G)				



Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD

From: (b) (6)

Sent: Sunday, March 21, 2021 10:02 PM To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Potential SPAM:Re: Referral from (b) (6)

neurological vaccine reaction

Yes ma'am. Let me know how we proceed!!! Thank you!!!

Sent from my iPhone

On Mar 21, 2021, at 6:32 PM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote

Hi (b) (6)

I am sorry to hear about your illness. We definitely can discuss your issues through televisit. I have availability on Tuesday. Does 1pm work for you? Please let me know

Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD

From: (b) (6)

Sent: Sunday, March 21, 2021 3:08 AM
To: Safavi, Farinaz (NIH/NINDS) [E]; Wiebold,

Amanda (NIH/NINDS) [E]

Subject: Referral from (6) (6)

neurological vaccine reaction

Hello! I was told to reach out to you and see if you could help me. My story is below. I currently live in

(b) (6)

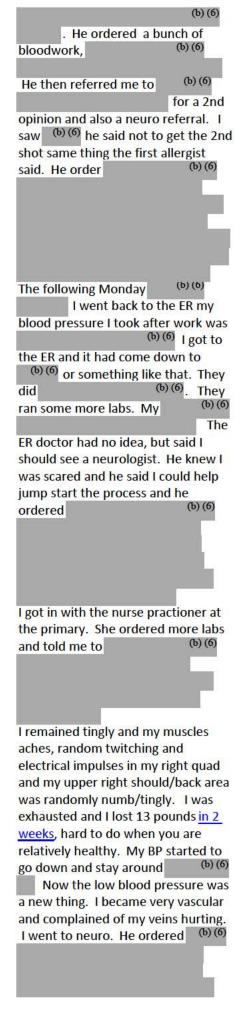
My phone number is (b) (6)

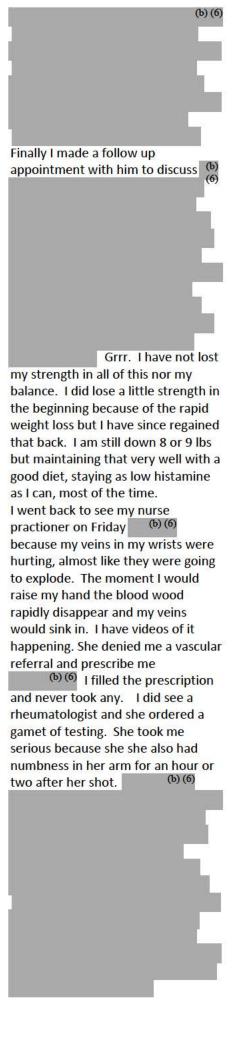
Thanks for your time!

My story:

I am a (b) (6)
I am a (b) (6)

(b) (6) I got my first first and only Moderna shot in my left arm.. No symptoms besides a sore arm for 2-3 days. On the 8th day I noticed some lymphadenopathy while I was at work. And then my neck started to feel hot. After that anytime I would eat my entire body felt a hot/burning sensation and accompanied by a rash that would migrate. This came and went for about a week. And then on the 14th day, I noticed my feet felt tingly. I had just taken my kids to (b) (6) to play in the snow that morning and thought it had something to do with that. On the 15th day, (b) (6) the tingling had gotten worse. It was now in both feet and ankles. It felt like icicles in my veins. I went to my primary and she insisted it couldn't be from the vaccine and prescribe (b) (6) for the full body me flushing. And gave me a referral to an allergist to give me a peace of mind that I could do the 2nd dose of vaccine. About an hour later it was worse so I went back the Dr but she said just to sent her pics via email. I told her my knees looked purple and the tingling was getting worse and traveling to my knees. She said if I was that concerned to go to the ER. I finished my day at the office and tried to go workout but it was persistent. I decided to go to (b) (6) . They ran . The Dr. said he (b) (6) thought They gave me That seemed to help with the full body flushing. The tingling in my feet persisted and also began in my hands. I went and saw the allergist and he had no idea. He gave me a (b) (6) prescription for





said to follow up in 4 weeks in the meantime she was going to contact some colleagues at (b) (6) and see if they had heard of anything and she was going to check in with the NIH. She seems genuinely concerned. She wanted me to get a 2nd opinion from another neurologist. She thinks (b) (6)

She said that way we can rule things out. And so I just got approved for that on Friday and I am waiting for them to call me back to schedule.

My current symptoms are random burning sensations in my neck, hands, feet, and face. My tingling has subsided. But I notice if my shoes or socks are too tight it will start again. My hands and knuckles will get red and feel like they are hot. I had bad headaches, pulsing around my ears but those have subsided. My feet feel like they don't get good circulation and the color of them changes. My veins change all the time, Super vascular and then barely there and then will bring on different sensory feelings. My hands/fingers fall asleep at night when I am sleeping and the tingling/ will also start in my feet when I lay down. My heels of my feet feel like they are burning as I type this! My energy is better and I think my BP has stabled more, or I am just not taking it as much at this point. If I am texting on my phone my fingers will tingle as if they are falling asleep. I used to get this cold feeling (icicles in my veins) in my forehead but that subsided and that feeling is now just randomly on the front side of my ankles. I don't seem to respond well to the cold.

I think that is all. I am sure I have left something out. But it has been a very busy bince I had my first ER visit and the tests and bloodwork started! It has been bince my shot. I would say things have improved since the beginning, especially when it comes to the intensity.

Interested on hearing your thoughts!

Thanks

(b) (6)

Subject: Re: Myself Thank you so much. I pray a solution will be found. Sent from my iPhone (b) (6) wrote: On Jul 27, 2021, at 7:04 PM, Nath, Avindra (NIH/NINDS) [E] < (b) (6) Dear I am so very sorry to hear of these continuous symptoms. I wish I had some answers to provide. But if we discover anything or hear of anything that may be of help to you, we will definitely let you know. Avi (b) (6) From: Date: Tuesday, July 27, 2021 at 9:52 PM (b) (6) To: Nath, Avindra (NIH/NINDS) [E] < Subject: Re: Myself (b) (6). I do have some better days. Today was a bad day. My Thank you Dr. Nath. I am still very symptomatic after entire head including my eyes, mouth and teeth were numb and painful, radiating into my esophagus and chest. I had burning pain from head to toe. All I could do was lie still, cry and ask myself how much longer can I endure this. Unfortunately, no doctor that I have seen including 4 neurologists have any idea of what is wrong with me or how to help me. They just say I will eventually get better. I am on my own, praying that this will eventually resolve. I am (b) (6) and (b) (6) and (b) (6) will help me with (b) (6) make other recommendations regarding It is very interesting to me that several other women in our group have almost the identical symptoms to mine. There must be an explanation for these very specific and unusual symptoms. If you have any other ideas that may help me, I would be most appreciative. Sincerely, (b)(6)Sent from my iPhone (b) (6) wrote: On Jul 27, 2021, at 5:52 PM, Nath, Avindra (NIH/NINDS) [E] < (b) (6) Dear (b) (6) We were (b) (6) With regards to the Thanks for sending me the reports. (b) (6). We have now tested a pool of sera from several patients with similar (b) (6). So we have now stopped testing them. symptoms but have not been able to find any My suggestion would be to continue to follow up with your local neurologists. Best wishes. Avi (b) (6) From: Date: Tuesday, July 27, 2021 at 4:15 PM (b) (6) To: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) Cc: Nath, Avindra (NIH/NINDS) [E] < Subject: Re: Myself

(b) (6)

(b) (6)

Cc:

To:

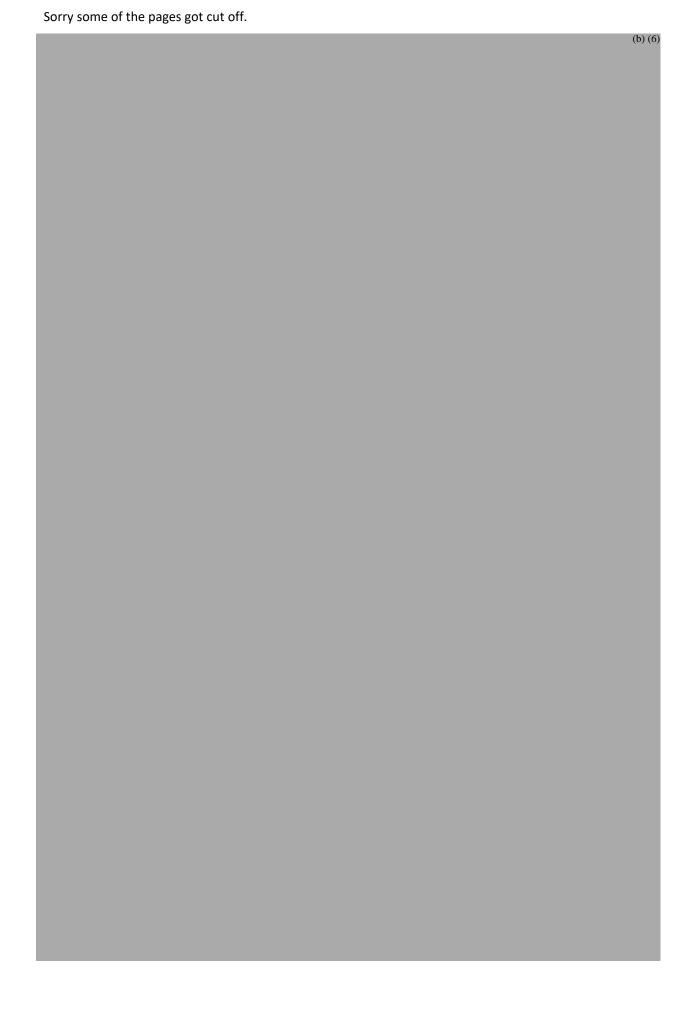
From:

Sent:

Safavi, Farinaz (NIH/NINDS) [E]

Tue 7/27/2021 9:31:57 PM (UTC-05:00)

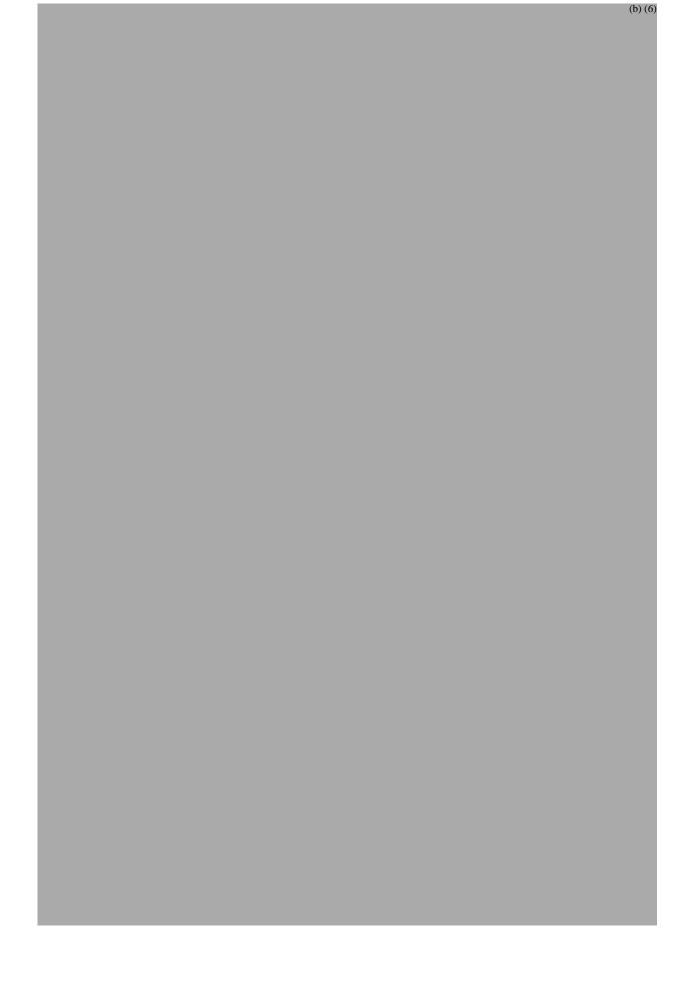
Nath, Avindra (NIH/NINDS) [E]

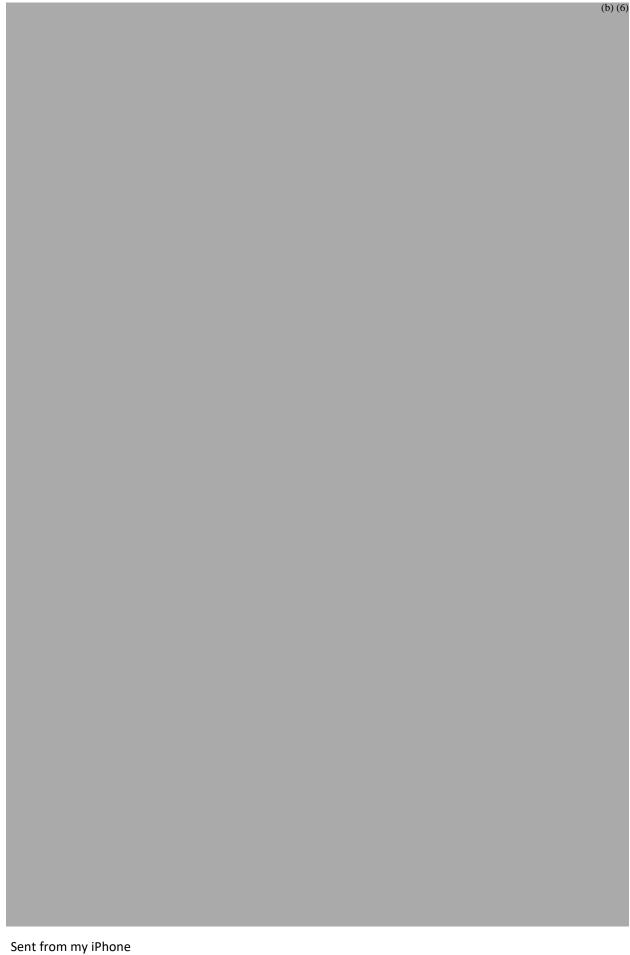












Here are the results of my me know what you found help people like me. (b) (6) . Whenever you have time, please let here are the results of my me know what you found help and for all you are doing to help people like me.



Sent from my iPhone

On Jul 27, 2021, at 11:37 AM, (b) (6) wrote:

Thank you Dr. Nath. I have been suffering with unbearable pain and do not know if I will ever recover. To read such things is very distressing. Speaking for myself and many many other people, we need to know what has happened to us and how we can recover. I hope you find the answers for us. Thank you.

Sent from my iPhone

On Jul 27, 2021, at 11:20 AM, Nath, Avindra (NIH/NINDS) [E] < (b) (6) wrote:

Dear (b) (6)

Sorry, to learn of your continued symptoms. We believe the symptoms to be real. That is the reason we have been treating patients. I will ask Farinaz via this email to go over all your results with you. I would be glad to address any other concerns. Best wishes.

Avi

Avindra Nath MD

Chief, Section of Infections of the Nervous System

Clinical Director,
National Institute of Neurological Disorders and Stroke
National Institutes of Health, Bethesda, MD

(b) (6)
(Office)
(b) (6)

(b) (6) From: Date: Tuesday, July 27, 2021 at 2:13 PM To: Safavi, Farinaz (NIH/NINDS) [E] (b) (6) (b) (6) Cc: Nath, Avindra (NIH/NINDS) [E] < Subject: Re: Myself Thank you for your kind reply. Yes I would like to know what my (b) (6) showed. Also, I saw your recent article in Journal of Neuropsychiatry regarding functional neurological disorder after the covid Vaccine. I was surprised to read in this abstract that you feel there are no neurological adverse reactions to the vaccines. Does your research point to our illnesses being functional? Having suffered with incapacitating illness for now, the last thing I would want to be labeled with having is functional neurological disease.

Sent from my iPhone

Thank you, (b) (б)

On Jul 27, 2021, at 4:21 AM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:

Thanks (b) (6) for the update.

I am glad that you feel at least partially better compared to months ago.

It would be great if you can send me those results helping us completing the report.

Best Regards,

Farinaz

From: (b) (6)

Sent: Monday, July 26, 2021 10:53:17 PM To: Safavi, Farinaz (NIH/NINDS) [E]

< (b) (6)
Subject: Re: Myself

Hello Farinaz,

What a surprise to hear from you! No I am not well. I am not as sick as I was (b) (6) but continue with constant paresthesias in my face,

tongue, eyes, head and limbs that are intermittently severe and very painful. I also continue with a tight constricting band around my chest, tinnitus, blurred vision, internal vibrations, twitching and fatigue. I take I have no idea if I will recover. (b) (6) I would like to Did you find anything know to pass on to the doctors who are trying to help me. (b) (6) I have I will look for the (b) (6) . Please . I did not have (b) (6) let me know what you found Thank you,

Sent from my iPhone

(b) (6)

On Jul 26, 2021, at 4:26 PM, Safavi, Farinaz (NIH/NINDS) [E] (b) (6) wrote:

### Hi (b) (6)

Hope all is well. We are finally gathered enough information to be able to write a manuscript and trying to complete our information about patients we did nor evaluate in person.

Can you please send me your

if you did one?
I also would like to know how are you doing? Hoping you have recovered significantly.
Best Regards,
Farinaz

Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD

REL0000229219

From: (b) (6)

Sent: Saturday, May 15, 2021

11:01:21 PM

To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Myself

I am very sorry. I was not asking for you to propose treatment. I just wanted to understand why would be helpful for me. Thank you for your help.

Sent from my iPhone

On May 15, 2021, at 7:45 PM, Safavi, Farinaz (NIH/NINDS) [E] (b) (6) > wrote:

I really can not propose any treatment for a patient that I have not seen or worked up appropriately. I can discuss and share what we know with your neuroligist if you think it is helpful.

#### Farinaz

From: (b) (6)

Sent: Saturday, May 15, 2021 8:45:06 PM

To: Safavi, Farinaz (NIH/NINDS) [E]

(b) (6)

Subject: Re: Myself

I was on (b) (6)

thought switching to (b) (6)
would help with the vibrations I feel. If I had those findings in (b) (6)

### Sent from my iPhone

On May 15, 2021, at 4:35 PM, Safavi, Farinaz (NIH/NIND S) [E] (b) (6) wrote:

What is

the reason for (b) (6) **Immune** stimulatio n is a very vague term. CSF IgG index and oligoclon al band are clues for neuroinfl ammatio n. (b) (6)

Unfortun ately do not know anyone here either. Hope you feel better.

# Farinaz From: (b) (6) Sent: Saturday, May 15, 2021 7:30:54 PM To: Safavi, Farinaz (NIH/NIND S) [E] (b) (6) Subject: Re: Myself Thank you for respondin g. I have an appt with the neurologis t (b) (6) on Thursday and will ask him. I don't feel that I have the autonomi C symptoms that others are having. My (b)

am alittle nervous about (b) (6)



On May 15, 2021, at 4:21 PM, Safavi, Farinaz (NIH/NINDS) [E] (b) (6) wrote:

Hi (b) (6) How about (b) (6) ?

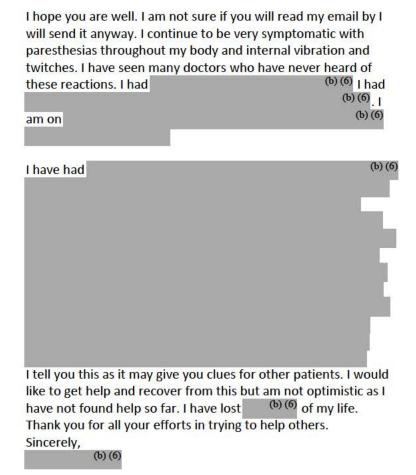
Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD

From: (b) (6) Sent: Saturday, May 15, 2021 6:28:35 PM

To: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6)

Subject: Myself

Hi Farinaz,



Sent from my iPhone

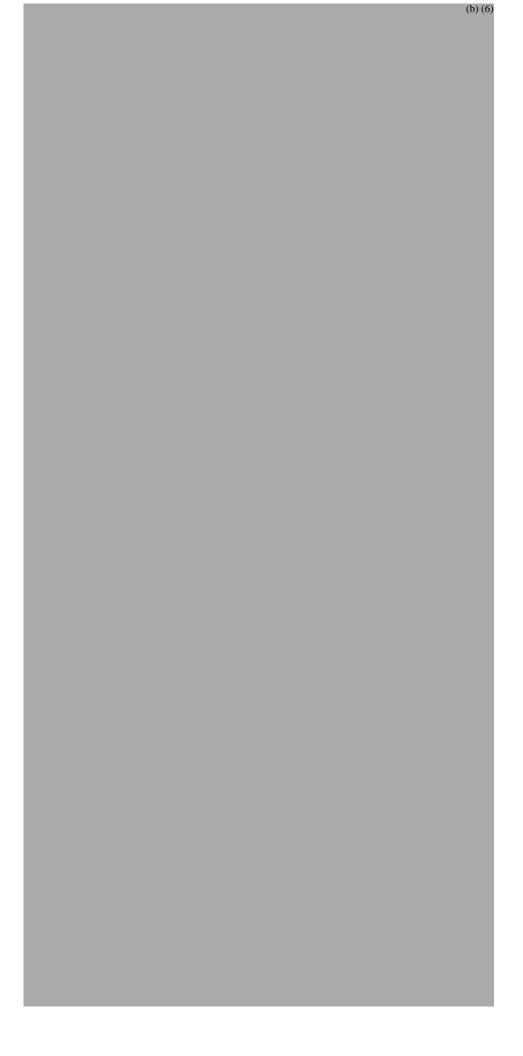
Gavin, Angelique (NIH/NINDS) [C]| (b) (6)

From: (b)
Sent: Fri 4/8/2022 6:15:21 PM (UTC-05:00)

To:

Subject: Re: [EXTERNAL] Re: NIH COVID-19 vaccine study

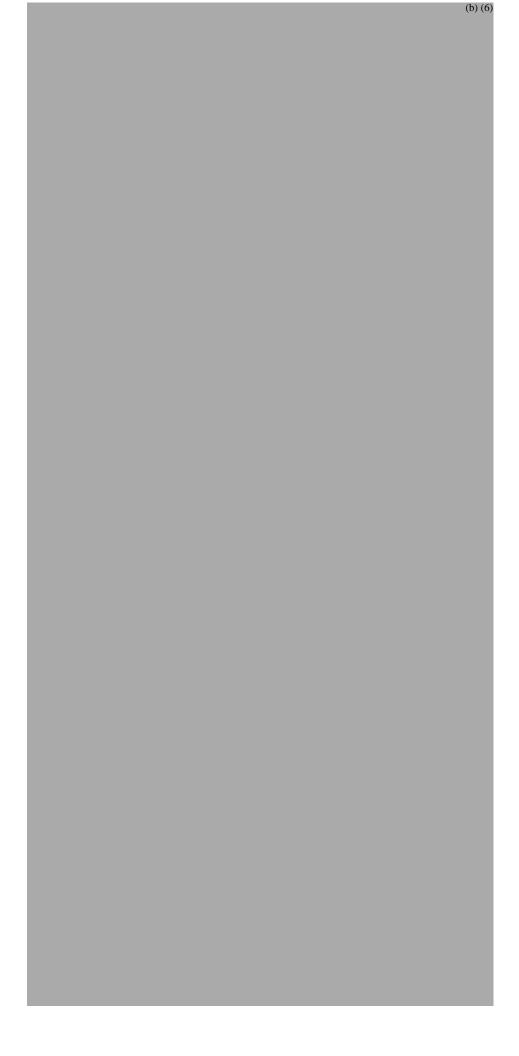
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This is a progress note from my doc too

Sent from my iPhone

On Apr 8, 2022, at 5:59 PM, (b) (6) wrote:



On Apr 8, 2022, at 5:32 PM, Gavin, Angelique (NIH/NINDS) [C] < (b) (6) wrote:

Hi (b) (6)

Can you take a screenshot and then resend the test result? We need the date from your screenshot, not a date that you've typed yourself. Sorry for making this difficult.

Thank you, Angelique

## Angelique Gavin, MS (Contractor)

NIH/NINDS Clinical Operations Manager
Contractor Preferred Solutions Group
National Institutes of Health
10 Center Drive
Building 10, Room 3B19, MSC 1251
Bethesda, MD 20814-9692
(b) (6) (office)
(b) (6) (cell)
(301) 480-5368 (efax)

https://clinicaltrials.gov study number 000089 N

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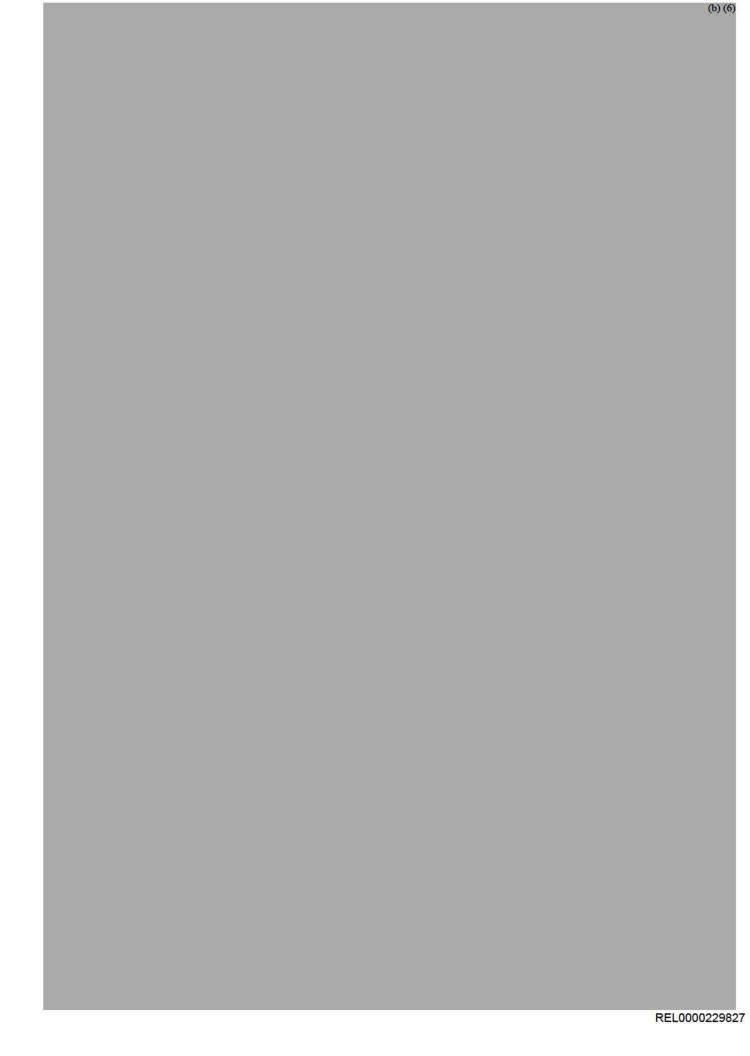
From: (b) (6)

Sent: Friday, April 8, 2022 5:06 PM

To: Gavin, Angelique (NIH/NINDS) [C] < (b) (6)

Subject: Re: [EXTERNAL] Re: NIH COVID-19 vaccine study

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(b) (6)
On Apr 7, 2022, at 9:13 AM, Gavin, Angelique (NIH/NINDS) [C] <
wrote:
            (b) (6) for your reply! Would Friday, April 8 at 4:30 pm CST work for you?
Angelique
Angelique Gavin, MS (Contractor)
NIH/NINDS Clinical Operations Manager
Contractor Preferred Solutions Group
National Institutes of Health
10 Center Drive
Building 10, Room 3B19, MSC 1251
Bethesda, MD 20814-9692
          (b) (6) (office)
          (b) (6) (cell)
(301) 480-5368 (efax)
https://clinicaltrials.gov - study number 000089-N
                                             (b) (6)
From:
Sent: Wednesday, April 6, 2022 10:46 PM
                                                             (b) (6)
To: Gavin, Angelique (NIH/NINDS) [C] <
Subject: Re: [EXTERNAL] Re: NIH COVID-19 vaccine study
CAUTION: This email originated from outside of the organization. Do not click links or open
attachments unless you recognize the sender and are confident the content is safe.
I'm free after 4 CST tomorrow or Friday. I'm also free all weekend.
Sent from my iPhone
      On Apr 6, 2022, at 2:26 PM, Gavin, Angelique (NIH/NINDS) [C]
                             (b) (6) wrote:
```

Thank you (b) (6)! I'd like to arrange a short (15 minute) eligibility interview for our COVID-19 study. Let me know of some days and times (Eastern Standard Time) within the next two weeks and I'll get back to you with an option that is ideal for us both. I look forward to speaking with you soon.

Sincerely, Angelique

# Angelique Gavin, MS (Contractor)

NIH/NINDS Clinical Operations Manager Contractor Preferred Solutions Group National Institutes of Health 10 Center Drive

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Building 10, Room 3B19, MSC 1251
Bethesda, MD 20814-9692
(b) (6) (office)
(b) (6) (cell)
(301) 480-5368 (efax)
(b) (6)
https://clinicaltrials.gov - study number 000089-N
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From: (b) (6)

Sent: Wednesday, April 6, 2022 2:04 PM

To: Gavin, Angelique (NIH/NINDS) [C] < (b) (6)

Subject: [EXTERNAL] Re: NIH COVID-19 vaccine study

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and are confident the content is safe.

Yes I'm interested in both studies. Let me know what you need from me. Thanks

Sent from my iPhone

On Apr 6, 2022, at 12:53 PM, Gavin, Angelique (NIH/NINDS) [C] (b) (6) wrote:

Dear (b) (6)

I hope this finds you doing well. I received your inquiry from Dr. Avindra Nath. Our vaccine study is not yet approved but should be soon. We will be doing telephone interviews and online questionnaires to gather information about what vaccine recipients are experiencing. Let me know if you would like to be placed on our wait list and we will contact you as soon as recruitment begins. In addition, our COVID-19 study is recruiting. It is a similar study with interviews and online questionnaires. It may provide you access to other studies taking place at the clinical center. Let me know if you are interested in either or both studies and we can make arrangements to speak further by phone.

Thank you, Angelique

Angelique Gavin, MS (Contractor)

NIH/NINDS Clinical Operations Manager Contractor Preferred Solutions Group National Institutes of Health 10 Center Drive Building 10, Room 3B19, MSC 1251 Bethesda, MD 20814-9692

(b) (6) (office)

(301) 480-5368 (efax)

https://clinicaltrials.gov - study number 000089-N

(b) (6) To: Gavin, Angelique (NIH/NINDS) [C][/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP From: (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6E97392E947E4F7EBB17EEB8AC87C5D5-Mon 8/8/2022 11:33:21 AM (UTC-05:00) Subject: RE: [EXTERNAL] Re: NIH COVID-19 vaccine study Hi (b) (6)! Thank you for checking in with us. We are starting out incrementally so that we can trouble shoot and ensure all is working as it should. We will be contacting you in the near future. Sincerely, **Angelique** Angelique Gavin, MS (Contractor) NIH/NINDS Clinical Operations Manager **Contractor Preferred Solutions Group** National Institutes of Health 10 Center Drive Building 10, Room 3B19, MSC 1251 Bethesda, MD 20814-9692 (b) (6) (office) (b) (6) (cell) (301) 480-5368 (efax) https://clinicaltrials.gov - study number 000089-N (b) (6) From: Sent: Saturday, August 6, 2022 1:38 PM (b) (6) To: Gavin, Angelique (NIH/NINDS) [C] < Subject: Re: [EXTERNAL] Re: NIH COVID-19 vaccine study When will the vaccine reaction study start? I saw someone post they got something for it? I haven't gotten anything? Sent from my iPhone (b) (6) wrote: On May 23, 2022, at 2:39 PM, Gavin, Angelique (NIH/NINDS) [C] < Hi (b) (6)! Unfortunately, the recover study is not affiliated with our study here at the NIH. You must go online https://recovercovid.org. Best Wishes,

Best Wishes, Angelique

### Angelique Gavin, MS (Contractor)

NIH/NINDS Clinical Operations Manager Contractor Preferred Solutions Group National Institutes of Health 10 Center Drive Building 10, Room 3B19, MSC 1251 Bethesda, MD 20814-9692
(b) (6) (office)
(b) (6) (cell)
(301) 480-5368 (efax) 20

(b) (6) From: Sent: Monday, May 23, 2022 1:29 PM (b) (6) To: Gavin, Angelique (NIH/NINDS) [C] < Subject: Re: [EXTERNAL] Re: NIH COVID-19 vaccine study How do I get into the recover study? (b) (6) Sent from my iPhone (b) (6) wrote: On Apr 11, 2022, at 10:26 AM, Gavin, Angelique (NIH/NINDS) [C] < Oh goodness yes! Tomorrow, April 12. Thank you! Angelique Angelique Gavin, MS (Contractor) NIH/NINDS Clinical Operations Manager Contractor Preferred Solutions Group National Institutes of Health 10 Center Drive Building 10, Room 3B19, MSC 1251 Bethesda, MD 20814-9692 (b) (6) (office) (b) (6) (cell) (301) 480-5368 (efax) (b) (6) https://clinicaltrials.gov - study number 000089-N (b) (6) From: Sent: Monday, April 11, 2022 10:17 AM (b) (6) To: Gavin, Angelique (NIH/NINDS) [C] < Subject: Re: [EXTERNAL] Re: NIH COVID-19 vaccine study CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and are confident the content is safe. Do you mean April 12? Yes that would work 4/12/22 5:30 est Sent from my iPhone

On Apr 11, 2022, at 9:01 AM, Gavin, Angelique (NIH/NINDS) [C]

(b) (6) wrote:

Thank you (b) (6) Would Tuesday, May 12 at 5:30 pm EST work for you? Have a good day today!

**Angelique** 

## Angelique Gavin, MS (Contractor)

NIH/NINDS Clinical Operations Manager Contractor Preferred Solutions Group National Institutes of Health 10 Center Drive Building 10, Room 3B19, MSC 1251 Bethesda, MD 20814-9692 (b) (6) (office) (b) (6) (cell) (301) 480-5368 (efax)

https://clinicaltrials.gov - study number 000089-N

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From: (b) (6)

Sent: Saturday, April 9, 2022 4:50 PM

To: Gavin, Angelique (NIH/NINDS) [C] < (b) (6)

Subject: Re: [EXTERNAL] Re: NIH COVID-19 vaccine study

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and are confident the content is safe.

Anytime after 4 cst this week

Sent from my iPhone

On Apr 9, 2022, at 2:35 PM, Gavin, Angelique (NIH/NINDS) [C]

Thank you (b) (6) This is sufficient for your needs. I'd like to arrange our next interview which I anticipate will take approximately 45 minutes of your time. Please let me know of some days and times within the next two weeks. I look forward to speaking with you again soon.

Sincerely, Angelique

#### Angelique Gavin, MS (Contractor)

NIH/NINDS Clinical Operations Manager Contractor Preferred Solutions Group National Institutes of Health 10 Center Drive Building 10, Room 3B19, MSC 1251 Bethesda, MD 20814-9692 (b) (6) (office) (301) 480-5368 (efax)
(b) (6)
https://clinicaltrials.gov - study number 000089-N

\_

From: (b) (6)

Sent: Saturday, April 9, 2022 1:58 AM

To: Gavin, Angelique (NIH/NINDS) [C] < (b) (6)

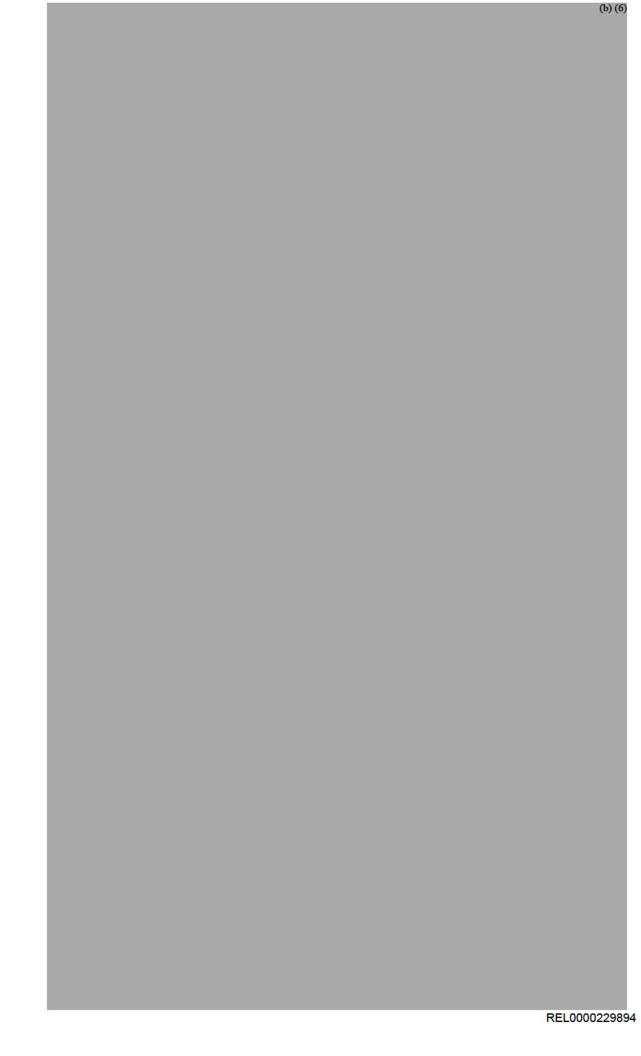
Subject: Re: [EXTERNAL] Re: NIH COVID-19 vaccine study

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and are confident the content is safe.

Another issue that was new post covid was ulnar nerve pain/numbness while sleeping along with my 4th and 5th finger

Sent from my iPhone

On Apr 8, 2022, at 5:59 PM, (b) (6) wrote:



On Apr 8, 2022, at 5:32 PM, Gavin, Angelique (NIH/NINDS) [C] < (b) (6) wrote:

Hi (b) (6)

Can you take a screenshot and then resend the test result? We need the date from your screenshot, not a date that you've typed yourself. Sorry for making this difficult.

Thank you, Angelique

#### Angelique Gavin, MS (Contractor)

NIH/NINDS Clinical Operations Manager Contractor Preferred Solutions Group National Institutes of Health 10 Center Drive Building 10, Room 3B19, MSC 1251 Bethesda, MD 20814-9692

(b) (6) (office) (b) (6) (cell)

(301) 480-5368 (efax)

(b) (6)

https://clinicaltrials.gov - study number 000089-N

4

From: (b) (6)

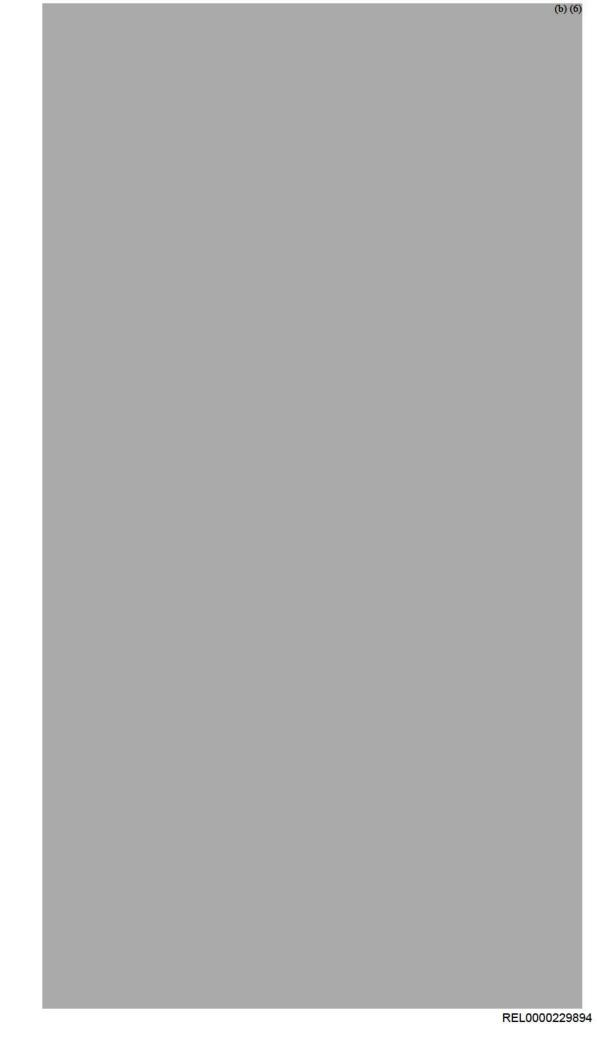
**Sent:** Friday, April 8, 2022 5:06 PM **To:** Gavin, Angelique (NIH/NINDS) [C]

(b) (6)

Subject: Re: [EXTERNAL] Re: NIH COVID-19 vaccine

study

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and are confident the content is safe.



On Apr 7, 2022, at 9:13 AM, Gavin, Angelique (NIH/NINDS) [C] (b) (6) wrote:

Thank you (b) (6) for your reply! Would Friday, April 8 at 4:30 pm CST work for you?

Angelique

## Angelique Gavin, MS

(Contractor)
NIH/NINDS Clinical Operations
Manager
Contractor Preferred Solutions Group
National Institutes of Health
10 Center Drive
Building 10, Room 3B19, MSC 1251
Bethesda, MD 20814-9692
(b) (6) (office)
(b) (6) (cell)
(301) 480-5368 (efax)
(b) (6)
https://clinicaltrials.gov - study
number 000089-N

From: (b) (6)

Sent: Wednesday, April 6, 2022

10:46 PM

To: Gavin, Angelique (NIH/NINDS) [C]

Subject: Re: [EXTERNAL] Re: NIH

COVID-19 vaccine study

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and are confident the content is safe.

I'm free after 4 CST tomorrow or Friday. I'm also free all weekend.

Sent from my iPhone

On Apr 6, 2022, at 2:26 PM, Gavin, Angelique (NIH/NINDS) [C] (b) (6) ov> wrote:

Thank you (b) (6) I'd like to arrange a short (15 minute) eligibility interview for our COVID-19 study. Let me know of some days and times (Eastern Standard Time) within the next two weeks and I'll get back to you with an option that is ideal for us both. I look forward to speaking with you soon.

Sincerely, Angelique

## Angelique Gavin,

MS (Contractor)
NIH/NINDS Clinical
Operations Manager
Contractor Preferred
Solutions Group
National Institutes of
Health
10 Center Drive
Building 10, Room
3B19, MSC 1251
Bethesda, MD 208149692

(b) (6) (office) (b) (6) (cell) (301) 480-5368 (efax) (b) (6)

<u>V</u> https://clinicaltrials.gov study number 000089-<u>N</u>

23



Sent: Wednesday, April 6, 2022 2:04 PM To: Gavin, Angelique (NIH/NINDS) [C] (b) (6)

Subject: [EXTERNAL] Re: NIH COVID-19 vaccine study

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and are confident the content is safe.

Yes I'm interested in both studies. Let me know what you need from me. Thanks

Sent from my iPhone

On Apr 6, 2022, at 12:53 PM, Gavin, Angelique (NIH/NIND S) [C] (b) (6) wrote:

Dear
(b) (6)
I hope this finds you doing well. I received your inquiry from Dr.
Avindra

Nath. Our

vaccine

study is

not yet

approved

but should

be soon.

We will be

doing

telephone

interviews

and online

questionn

aires to

gather

informatio

n about

what

vaccine

recipients

are

experienci

ng. Let

me know

if you

would like

to be

placed on

our wait

list and

we will

contact

you as

soon as

recruitme

nt begins.

In

addition,

our COVID-

19 study is

recruiting.

It is a

similar

study with

interviews

and online

questionn

aires. It

may

provide

you access

to other

studies

taking

place at

the clinical

center.

Let me

know if you are interested in either or both studies and we can make arrangem ents to speak further by phone. Thank you, Angelique Angeliqu e Gavin, MS (Contrac tor) NIH/NIND S Clinical Operation s Manager Contracto r Preferred Solutions Group **National** Institutes of Health 10 Center Drive Building 10, Room 3B19, MSC 1251 Bethesda, MD 20814-9692 (b) (6) (office) (b) (6) (cell) (301) 480-5368 (efax) (b) (6) https://cli nicaltrials.

gov study <u>number</u> 000089-N

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CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and are confident the content is safe.

(b) (6) To: Gavin, Angelique (NIH/NINDS) [C][/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP From: (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6E97392E947E4F7EBB17EEB8AC87C5D5 Sent: Thur 4/7/2022 10:24:48 AM (UTC-05:00) Subject: RE: [EXTERNAL] Re: NIH COVID-19 vaccine study Thank you! I look forward to speaking with you tomorrow. Sincerely, Angelique Angelique Gavin, MS (Contractor) NIH/NINDS Clinical Operations Manager **Contractor Preferred Solutions Group** National Institutes of Health 10 Center Drive Building 10, Room 3B19, MSC 1251 Bethesda, MD 20814-9692 (b) (6) (office) (b) (6) (cell) (301) 480-5368 (efax) https://clinicaltrials.gov - study number 000089-N (b) (6) From: Sent: Thursday, April 7, 2022 11:20 AM (b) (6) To: Gavin, Angelique (NIH/NINDS) [C] < Subject: Re: [EXTERNAL] Re: NIH COVID-19 vaccine study CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and are confident the content is safe. (b) (6) Yes Sent from my iPhone (b) (6) wrote: On Apr 7, 2022, at 9:13 AM, Gavin, Angelique (NIH/NINDS) [C] < (b) (6) for your reply! Would Friday, April 8 at 4:30 pm CST work for you? Thank you Angelique Angelique Gavin, MS (Contractor) NIH/NINDS Clinical Operations Manager Contractor Preferred Solutions Group National Institutes of Health 10 Center Drive Building 10, Room 3B19, MSC 1251 Bethesda, MD 20814-9692 (b) (6) (office) (b) (6) (cell) (301) 480-5368 (efax)

https://clinicaltrials.gov - study number 000089-N

From: (b) (6)

Sent: Wednesday, April 6, 2022 10:46 PM

To: Gavin, Angelique (NIH/NINDS) [C] < (b) (6)

Subject: Re: [EXTERNAL] Re: NIH COVID-19 vaccine study

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I'm free after 4 CST tomorrow or Friday. I'm also free all weekend.

Sent from my iPhone

On Apr 6, 2022, at 2:26 PM, Gavin, Angelique (NIH/NINDS) [C] < (b) (6) wrote:

Thank you (b) (6) I'd like to arrange a short (15 minute) eligibility interview for our COVID-19 study. Let me know of some days and times (Eastern Standard Time) within the next two weeks and Ill get back to you with an option that is ideal for us both. I look forward to speaking with you soon.

Sincerely, Angelique

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(b) (6) (office) (b) (6) (cell)

(301) 480-5368 (efax)

https://clinicaltrials.gov - study number 000089-N

From: (b) (6)

Sent: Wednesday, April 6, 2022 2:04 PM

To: Gavin, Angelique (NIH/NINDS) [C] < (b) (6)

Subject: [EXTERNAL] Re: NIH COVID-19 vaccine study

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Yes I'm interested in both studies. Let me know what you need from me. Thanks

Sent from my iPhone

(b) (6) wrote:

Dear

I hope this finds you doing well. I received your inquiry from Dr. Avindra Nath. Our vaccine study is not yet approved but should be soon. We will be doing telephone interviews and online questionnaires to gather information about what vaccine recipients are experiencing. Let me know if you would like to be placed on our wait list and we will contact you as soon as recruitment begins. In addition, our COVID-19 study is recruiting. It is a similar study with interviews and online questionnaires. It may provide you access to other studies taking place at the clinical center. Let me know if you are interested in either or both studies and we can make arrangements to speak further by phone. Thank you,

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(b) (6) (office)

(b) (6) (cell) (301) 480-5368 (efax)

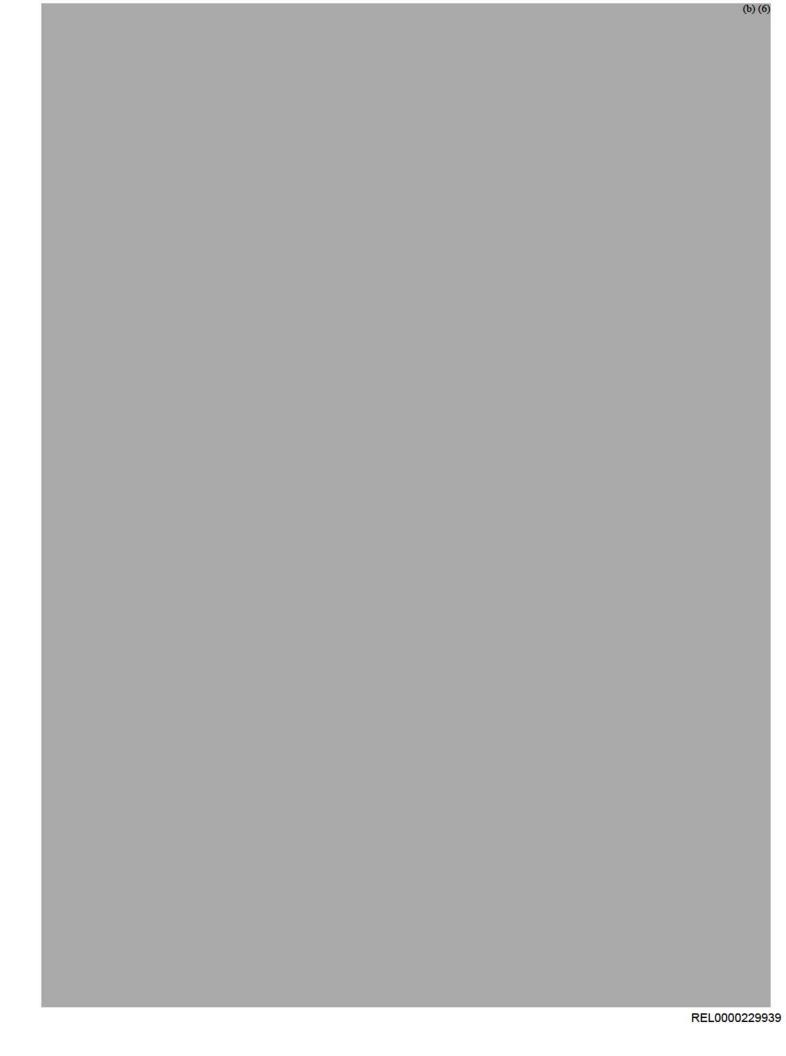
(b) (6)

https://clinicaltrials.gov - study number 000089-N

(b) (6)  from: Gavin, Angelique (NIH/NINDS) [C][/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP  FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6E97392E947E4F7EBB17EEB8AC87C5D5-  fent: Sat 4/9/2022 8:22:13 AM (UTC-05:00)  subject: RE: [EXTERNAL] Re: NIH COVID-19 vaccine study
Thank you (b) (6) Much appreciated.
Angelique
Angelique Gavin, MS (Contractor)  NIH/NINDS Clinical Operations Manager  Contractor Preferred Solutions Group  National Institutes of Health  10 Center Drive  Building 10, Room 3B19, MSC 1251  Bethesda, MD 20814-9692  (b) (6) (office) (b) (6) (cell)  (301) 480-5368 (efax)  (b) (6)  https://clinicaltrials.gov - study number 000089-N
From:  Sent: Saturday, April 9, 2022 1:58 AM  To: Gavin, Angelique (NIH/NINDS) [C] < (b) (6)  Subject: Re: [EXTERNAL] Re: NIH COVID-19 vaccine study
CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and are confident the content is safe.
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Sent from my iPhone

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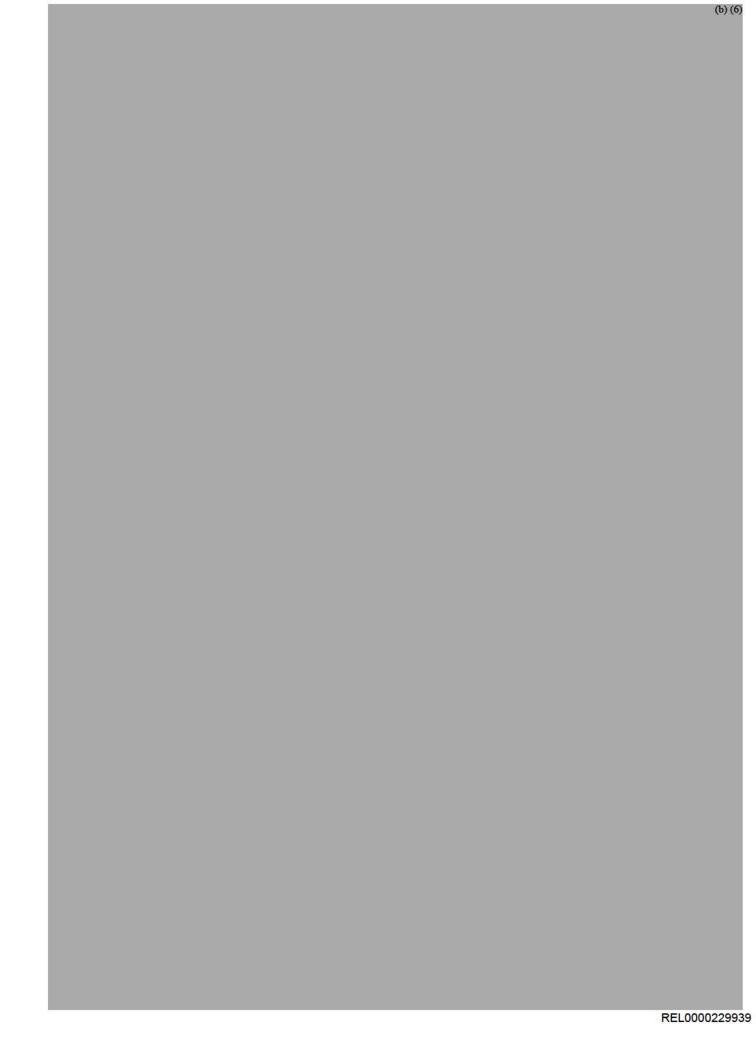
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Sent: Friday, April 8, 2022 5:06 PM

To: Gavin, Angelique (NIH/NINDS) [C] < (b) (6)

Subject: Re: [EXTERNAL] Re: NIH COVID-19 vaccine study

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**Angelique** 

#### Angelique Gavin, MS (Contractor)

NIH/NINDS Clinical Operations Manager Contractor Preferred Solutions Group National Institutes of Health 10 Center Drive Building 10, Room 3B19, MSC 1251 Bethesda, MD 20814-9692

(b) (6) (office)
(b) (6) (cell)

(301) 480-5368 (efax)

https://clinicaltrials.gov - study number 000089-N

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Sent: Wednesday, April 6, 2022 10:46 PM

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Angelique Gavin, MS (Contractor) NIH/NINDS Clinical Operations Manager

Contractor Preferred Solutions Group

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Building 10, Room 3B19, MSC 1251
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(b) (6) (office)
(b) (6) (cell)
(301) 480-5368 (efax)
(b) (6)
https://clinicaltrials.gov - study number 000089-N

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From: (b) (6)

Sent: Wednesday, April 6, 2022 2:04 PM

To: Gavin, Angelique (NIH/NINDS) [C] < (b) (6)

Subject: [EXTERNAL] Re: NIH COVID-19 vaccine study

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Sent from my iPhone

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Dear (b) (6)

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Thank you, Angelique

Angelique Gavin, MS (Contractor)

NIH/NINDS Clinical Operations Manager Contractor Preferred Solutions Group National Institutes of Health 10 Center Drive Building 10, Room 3B19, MSC 1251 Bethesda, MD 20814-9692 (b) (6) (office) (b) (6) (cell) (301) 480-5368 (efax)
(b) (6)
https://clinicaltrials.gov - study number 000089-N

To: From:	Safavi, Farinaz (NIH/NINDS) [E]  (b) (6)					
Sent: Subject:	Sat 5/15/2021 9:55:08 PM (UTC-05:00) Re: Myself					
Thank yo	ou					
Sent from	m my iPhone					
C	On May 15, 2021, at 7:45 PM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:					
1	really can not propose any treatment for a patient that I have not seen or worked up appropriately. can discuss and share what we know with your neuroligist if you think it is helpful.					
S T	From:  Sent: Saturday, May 15, 2021 8:45:06 PM  So: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) Subject: Re: Myself					
	I was on with the vibrations I feel. If I had those findings in (b) (6) thought switching to (b) (6) would help					
S	Sent from my iPhone					
	On May 15, 2021, at 4:35 PM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:					
What is the reason for [b) (6)? Immune stimulation is a very vague term.  CSF IqG index and oliqoclonal band are clues for neuroinflammation.  (b) (6)  (b) (6)  (b) (6)  (b) (6)  (c) (6)  (d) (7)  (d) (8)  (e) (9)  (f) (1)  (f)						
	Farinaz					
	From:  Sent: Saturday, May 15, 2021 7:30:54 PM  To: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6)  Subject: Re: Myself					
	Thank you for responding. I have an appt with the neurologist will ask him. I don't feel that I have the autonomic symptoms that others are having. My  I am alittle nervous about having  What would you be looking for? I hope the (6)  Is there someone at the					
NIH that might be able to help me? Or the Mayo Clinic?						

(b) (6)

Sent from my iPhone

On May 15, 2021, at 4:21 PM, Safavi, Farinaz (NIH/NINDS) [E]  (b) (6) (6) wrote:	
li (b) (6) How about (b) (6)	
arinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology IINDS, NIH, Bethesda, MD	
rom: (b) (6) ent: Saturday, May 15, 2021 6:28:35 PM (c): Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) (b) (6) (b) (6)	
hope you are well. I am not sure if you will read my email by I will send it anyway. I ontinue to be very symptomatic with paresthesias throughout my body and internal ribration and twitches. I have seen many doctors who have never heard of these reactions. I ad (b) (6) . I had (b) (6)	
have had	
tell you this as it may give you clues for other patients. I would like to get help and recover from this but am not optimistic as I have not found help so far. I have lost (b) (6) of my life.  Thank you for all your efforts in trying to help others.	
(b) (6)	

REL0000230198

Thank you so much, and yes, I would appreciate receiving the list of tests you suggest. I will pass your contact information to book and I will send my blood to you on Tuesday.  I am grateful for all your hard work!					
Sent from my iPhone					
On Apr 29, 2021, at 8:19 PM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) (6) wrot	e:				
Hi (b) (6), Thank you very much for update. I completely agree with your neurologist and I believe you are i hands. Unfortunately I can not bring non local patients easily due to COVID restriction but I can see that I and share our ubderstanding about your symptoms with him.  are important diagnostic modality I have been using. I also can send you list of tests that I am see patients and your physician can check them.  If (b) (6) helps your symptoms I think you certainly should continue it.  Please let me know if I can be any help.  Best	speak with <sup>(b) (6)</sup> both				
raillaz					
From: (b) (6)					
Sent: Thursday, April 29, 2021 11:09:56 PM  To: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6)  Subject: Testing					
The same of the sa	lood work and (b) (6)				
(b) (6)					
him your working hypothesis is  I am scheduled for these tests received my blood box today and will have a draw on Monday and ship back to you overnight. I started  I i've noticed a reduction of symptoms, but it doesn't last so I may need to add  Is there a benefit to having these tests performed at NIH? I'm open to your input.	1 told b) (6) nmend? Also, I (b) (6) (b) (6)				
Thank you, (b) (6)					
Sent from my iPhone					

(b) (6)

To: Safavi, Farinaz (NIH/NINDS) [E]|
From: (b) (6)

Sent: Thur 4/29/2021 11:36:24 PM (UTC-05:00)
Subject: Re: Testing

To: From: (FYDIBOH Sent: Subject:	(b) (6); Safavi, Farinaz (NIH/NINDS) [E]] (b) (6)  Nahar, Kymani (NIH/NINDS) [C][/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP HF23SPDLT)/CN=RECIPIENTS/CN=4F432F899337490EA7CBDE0A4B52EFFB- Mon 4/26/2021 7:23:28 AM (UTC-05:00) Re: Post J&J Shot					
	to hear about your worsening symptoms. Can you please let me know when you are free next week to come in for (b) (6)? Thanks so much!					
	(b) (6)					
To: "Saf	unday, April 25, 2021 at 5:21 PM avi, Farinaz (NIH/NINDS) [E]" < (b) (6) IANI NAHAR < (b) (6) : Re: Post J&J Shot					
Thank y	ou for your well wishes Farinaz. (b) (6)					
Althoug	Then 3 weeks after the J&J vaccine, I started experiencing the current onset of ms—new, yet similar in ways to some of my early vaccine reactions—  (b) (6)  I cannot prove the latest onset is part of a vaccine reaction, I'm suspicious that the vaccine is playing "Whac-Amy body given the timing, similarities, and circumstances. I have a standing appointment with the physician who  (b) (6)					
I'll conta	act Kymani about scheduling, and see if anything works between your time frame and some time for me to heal.					
I apprec	iate you looking at the (b) (6) with your neuroradiologists, yet wish it was useful to you.					
Best,	(6) (6)					
0	n Apr 24, 2021, at 8:30 AM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:					
m a <sub>l</sub>	I am sorry to hear about worsening of your underlying disease and completely understand your aggravated medical conditions prevent you to get needed testing in our research protocol in timely manner. We really appreciate your participation, but If you can not get required testing on our protocol due to your medical conditions, unfortunately we may not be able to proceed with research protocol.					
	I believe you benefit more from getting medical care from the community physicians to help improving your ongoing disease.					
	We would be more than happy to facilitate testing at NIH in next couple of weeks if you are able to participate.					
	wish you rapid recovery. est Regards,					
F	arinaz Safavi MD,PhD					
	rom: (b) (6)					
	ent: Friday, April 23, 2021, 7:40 PM o: Safavi, Farinaz (NIH/NINDS) [E]					
St	ubject: Re: Post J&J Shot					
Fa	arinaz,					

typical treatment modalities, (b) (6) have spiraled me downward. These symptoms are					
so uncharacteristic for me, and likely further signs of inflammation. I just walked in the door from  — to try to better understand why this has gone					
downhill rather rapidly. You're trying to get your research questions answered in a timely manner, and					
likewise, I'm trying to get answers about what is happening to me now.					
mense, in aying to get answers about what is impressing to me now.					
I don't know how you define "very near future", so perhaps you can explain. And since you didn't tell me					
before, how long after (b) (6)? I was estimating 2 weeks after (b) (6)					
A) (6)					
Best, (b) (6)					
On Apr 23, 2021, at 6:44 PM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:					
(b) (6), Livent over your (b) (6) with our neuroradioligists, and (b) (6)					
I went over your (b) (6) with our neuroradioligists and (b) (6)					
If you think you can not get the tests we need in very near future,unfortunately we can not keep					
you on the research protocol.					
I hope your health conditions improve soon.					
Best Regards,					
Farinaz					
From: (b) (6)					
Sent: Friday, April 23, 2021 2:30:43 PM					
To: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6)					
To: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6)					
To: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6)					
To: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6)					
To: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6)					
To: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6)					
To: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) Subject: Re: Post J&J Shot  Farinaz,					
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remote going forward so you and move forward with my processed. I'd understand it us expected I'd have yet and needs more pressure, Or, may okay with you.  Yes, it takes a lot of effort to so I developed new symptoms NIH April 12th. I've met even	participation in the study as such f you may need to make a chang ther medical curveball hurled at aybe the time frame of when I ca schedule study participants for I	(b) (6)  th, perhaps that could be ge at this point as neither of me, and neither of us an likely resume testing is  NIH tests. It's unfortunate the done while I was at and its request for changes.	
could do (b) (6) at 8am Friedays later to say she had und Friday was out –and inquired Tuesday at 1:30pm. Althoug could. I chose Monday think should arrive for the appoint was told to arrive almost an I	I canceled it. On Monday April day, April 16 <sup>th</sup> . I replied I could derestimated the amount of time d whether I could instead do the gh I had commitments both days king sooner was better. Kymani tment and it was doable for me. hour earlier,	12 <sup>th</sup> Kymani asked if I  . She contacted me a few for (b) (6), and e next Monday at 8am or s at those times, I replied I and I discussed when I  Then the Friday before I (b) (6) (b) (6) been known, of	
ourse I'd have selected Tuesday at 1:30pm so I could drive to NIH safely. But I didn't ancel given that change. Although I was having a medical issue, I asked Kymani to blease hold the Monday appointment as I hoped to get the test done. Unfortunately, I ohysically declined over the weekend. I've had and my questions about NIH's bscreening process were for my information. By nature, I tend to ask questions. And while I'd prefer that repeat esting be done if/when symptoms get worse, I understand your research protocol needs. My point is that I tried to make bscreening my end when NIH requested chedule changes and a (pleasant and helpful) new staff member wasn't familiar with ome test requirements and their implications on scheduling. Scheduling is a challenge even under the best of circumstances. Still, I'm glad that you have that was completed during the week			
Since I was looking out for the pertinent to the study, I'm pu	to know if materials aren't reach ne study protocol and didn't rece uzzled. To the best of my knowl I have no motives to tell you any	eive it or much else ledge, all materials from	
Please advise whether or not	cipation is yours to decide as to very circumstances still fit your tong your participants, e.g. remote the demands.	imeline (or anything else),	
Best,			
(b) (6)			
On Apr 21, 2021, at 7:46 PM,		(b) (6) wrote:	

Farinaz,

Thank you for your quick response. I do not intend to appear rude and apologize I haven't been able to promptly reply to you. A medical issue that started late last week and caused my cancellation of (b) (6) at NIH, has continued to worsen. I hope to get back with you soon and appreciate your understanding.

Best, (b) (6)

On Apr 20, 2021, at 6:53 AM, Safavi, Farinaz (NIH/NINDS) [E] (b) (6) wrote:

(b) (6)

I believe the study material was sent to you three times. As we discussed in your visit, participating in our study is completely voluntary.

Following your visit, Dr. Nath and I discussed your case and because of your history of (b) (6)

Basically as explained to you we included many procedures in our consent form but it does not mean we perform all those tests on everyone. Additionally, even for required tests in the protocol, we can decide not to perform some of them if we feel the risks overweight the benefits.

There have been a lot of efforts to bring patients to NIH and schedule tests. If you are not interested to proceed please let me know and we will proceed accordingly.

Best Regards,

Farinaz

From: (b) (6)
Sent: Monday, April 19, 2021 11:59:01 PM

To: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6)

Subject: Re: Post J&J Shot

Dear Dr. Safavi,

I was a researcher my entire career, both at prestigious academic settings and the NIH. After having read 1000's of NIH and other study protocols over the years, developed many of my own, and consented several participants, it's disturbing as to what has happened to me in your research. I was not properly consented to a study presented during the appointment with you and Dr. Nath last Tuesday, April 13<sup>th</sup>. Dr. Nath verbally highlighted some of elements in the consent document, but I didn't have the opportunity to read the protocol, much less understand

the document consented to required testing. I'd requested the protocol on previous occasions. For example, when Kymami called me March 24<sup>th</sup> to set up an appointment with you and Dr. Nash, I asked her how I could get a copy of the protocol. She deferred to you and you kindly called back that that same day to say the study protocol was being worked on.

During our meeting last Tuesday, Dr. Nath described some of the study components, but none were identified by him as either required or optional. I didn't expect him to delineate requisite testing as in your March 29<sup>th</sup> email to me, you said absolutely "nothing was mandatory in (b) (6) and our research protocol." When he mentioned (b)(6)asked if I had problems with again, with the assumption this was not required testing and he seemed short on time for (b) (6) He cited a few a discussion. He noted on the form about other tests, again, without categorizing any as requisite, and seemed rushed as he said he still had to exam me. No mention of side effects of any test. Then he stood up and crossed the room to sign the consent, not hand it to me to read. I walked over to the table, too, and signed so he could get on with his day.

Since I did not have the opportunity to read the form during the in-person appointment, or prior, the following day (April 14th) I called Amanda and (b) (6). She replied it was a study asked her about requirement and was only waived when contraindicated. This was stunning news to me. I expressed that I hadn't heard of any study participants being required to do (b). She said there are 2 study arms on covid-vaccine effects, but it seems none of the few dozens of people I know who are aware of NINDS' study have any idea about 2 study arms, including me. During this same conversation with Amanda, I asked her to send me a copy of the protocol in an unencrypted email. Hours later I still hadn't received it and emailed her. At 5:53pm Wednesday, a copy of the study protocol was sent to me. I read it and was floored. Had I known of the requirements, I wouldn't have consented to the protocol (b)(6)described. Past

It baffles me that I wasn't sent a letter or note about the study, a study protocol, -- anything about consent. On March 22<sup>nd</sup>, I only received a oneline email - no greeting, no explanation -- just a single sentence to say a medical records request form was attached. I'll forward you that email. March 22<sup>nd</sup> also was the same day I met with Dr. Hallett via his protocol, which, by the way, I was able to read in advance. The single sentence email made no mention of which study. The afternoon before my in-person appointment last Tuesday, Amanda called me to do a Covid screen, and I told her I never received a copy of the protocol. She then sent me a copy in an encrypted email message, and I explained while I was on the phone that I couldn't open the encrypted message and didn't have time to work with the NIH Helpdesk. It's unknown why it couldn't have been resent in an unencrypted message as it was an unsigned form. I resolved to quit worrying about it and assumed the protocol consent reflected what several covid vaccine effect study participants describe as their experiences on social media – e.g. tele visits with you, available

medical test results are forwarded to NIH, no invasive mandatory tests, you speak with participants' neurologists, etc. I assumed I was enrolling in the same covid vaccine study protocol since you advised me on March  $22^{\rm nd}$  to find a general neurologist for you to communicate with.

Learning, after the fact, about details of the study has created angst and confusion. You emailed me that there was absolutely nothing mandatory in the study. Yet, the consent I signed states otherwise, and Amanda verified the requisite testing when I inquired about (b). I wouldn't have consented to a study with this requirement. No study personnel made an effort to help assure I was informed to about this fact. A potential participant shouldn't have to initiate requests for fundamental study materials to help guide their decision about participation. It's difficult to withdraw from something I didn't properly consent to in the first place, so will state I cannot go forward with the study I signed, under false pretenses, about requirements. It cannot be emphasized enough that a consent to participate in research needs to be transparent.

Sincerely,

(b) (6)

On Apr 14, 2021, at 4:32 PM, (b) (6)

wrote:

Thanks for your quick reply Dr. Safavi. Yes, since I'm unable to address them with him tomorrow, his staff are looking for a future date when he and I can discuss the findings.

Best, (b) (6)

On Apr 14, 2021, at 4:22 PM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote: Hi (b) (6) Your (b) (6)

Farinaz Safavi MD, PhD
Division of Neuroimmunology and Neurovirology
NINDS, NIH, Bethesda, MD

From: (b) (6)

Sent: Wednesday, April 14, 2021 4:16 PM

To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Post J&J Shot

#### <6443F73B1CD64281B83F049E0CB8E24E.jpg>

On Apr 10, 2021, at 4:01 PM, wrote: Thanks for letting me know... I'll bring the CD. (b) (6) Best, On Apr 10, 2021, at 3:49 PM, Safavi, Farinaz (NIH/NINDS) [E] > wrote: (b) (6) Dear No worries about .It would be great if you can bring the CD with you on Tuesday. Best Farinaz <B14CC6B39C964AD48

549ED4676681A5E.png

> From: (b) (6)
> Sent: Saturday, April
10, 2021 1:23:39 PM
To: Safavi, Farinaz
(NIH/NINDS) [E]
< (b) (6)
> Subject: Re: Post J&J

Hi Dr. Safavi,

Shot

It was so kind of you to respond late on a Friday night.

Thank you for your helpful explanation that cranial neuropathies require a differential diagnosis before attributing it to a vaccine.

I appreciate your explanation about NIH

(b) (6). I'll email Kymani and see if she can check on the availability of a future appointment. The facility where I had the

(b) scheduled for next week had a cancellation, and subsequently, I had

(b) (6)

Although I believe it'd be useful for you to see

(b) (6) before my meeting with you on Tuesday morning, I'm unfamiliar with this neurologist's office. If you think NIH might have sway to get the report before Tuesday, please advise how I can help. Or, we can

wait.

Hope you're having a nice weekend and not immersed in work emails:)

Best, (b) (6)

On Apr 9, 2021, at 11:16 PM, Safavi, Farinaz (NIH/NIND S) [E] (b) (6) wrote:

# Dear (b) (6)

When

someone develops specific symptom s like (b) (6) that points toward involvem ent of intracrani al parts of nervous system,w e as neurologi sts have to make sure all the possible differenti al diagnosis excluded before attributin g it to

vaccine or anything else.Cran
ial
neuropat
hies are
alittle bit
different
from
other
entities
like
fasciculat
ions and
paresthe
sia in

## limbs. Regardin (b) (6) q would like to get (b) (6) at NIH because our machines are much more sensitive than many outside (b) (6) and we use (b) (6) leave the decision to you if you want to get (b) (6) and even in that case I highly suggest to repeat

at NIH since

they are much more accurate and our neuroradi ologists are very experts to read

(b)
(6)

See you on Tuesday Best Regards,

#### Farinaz

<C8B3F44 2584B459 7AF58F23 CD73CEB8 2.png> From: (6)



Sent: Wed nesday, April 7, 2021 10:12:53 PM To: Safavi, Farinaz (NIH/NIND S) [E]

Subject: R e: Post J&J Shot

Hi Dr. Safavi,

Thank you for your quick reply and reassuran

ce that NIH can help treat me if I'm enrolled and there's not other diseases mimickin g the

same

symptom

s. As

you've

heard, my

skull

paranesth

esia

started 2

hours

post-

injection

and soon

thereafter

(~2 days),

a right

eye

"twitch"

began. I

don't

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because it

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moment.

However,

Ι

identified

it to other

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n was that

they

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s. After

discussin g it with the ophthalm ologist who just examined me, I now recognize it was a stronger muscle pull. But I'd never previousl y experienc ed a twitch in my right eye, so only knew to describe it as a "twitch." We'll talk about it more on Tuesday and will just say herein that my eye symptom s are not a coinciden ce after (b) Yes, it could be a disease, but if so, it existed sub clinically prior to the vaccine. For example, in the last

(b) (6) I had 3

appointm ents (b)(6)with 2 rheumato logists who took detailed medical histories and were inquisitiv e. No autoimm une disorders were evident or suspected . What if the vaccine in stigates so mething that would ha ve otherwise been subclinica l or dormant t hroughou t someone' s life? My immediat e feet and leg vaccine reactions: Ι don't thin k any of my current and past practition ers would see those reactions

as a disease.

I waited to

respond

to you

today to

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Kyamani

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the

availabilit

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appointm

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Tuesday,

when I'll

be at

NIH. No

openings

that day,

but she

called me

today and

we

discussed

other

openings

at the

Clinical

Center.

I'll

probably

keep my

April

14<sup>tt</sup>appoin

tment at

(b) (6)

as it will

be a bit

earlier.

Nonethel

ess,

thanks for

offering

me the

possibilit

y to be

tested at

NIH.

Again, I'm grateful for your responsiv eness and willingne ss to help possible. The (b) (6 the physician assistant prescribe d me, the one she said she standardl y gives her patients, has given me the worst headache I've had in ages. This feels in the wrong direction; I hope it isn't. I look forward to seeing you

Best,
(b) (6)

Tuesday.

On Apr 6, 2021, at 7:11 AM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:

Dear (b) (6)

Thank you very much to reach out. I am really sorry to hear about your new symptoms. I am glad we can see at NIH on Tuesday.

Cranial neuropathy is something that we really need to

At least with

That's scheduled for next Wednesday, which seems to be the earliest I can get an appointment at a facility with a reputable diagnostic radiologist.

You, Dr. Nath, and I are scheduled to meet next Tuesday at NIH. Is it only after I've signed the study protocol that you are able to speak with a neurologist on my behalf? It's been difficult to persuade a neurologist of what may be helpful, say, based on working with others with post-vaccine neuro reactions, e.g. steroid dosing. If I understand correctly, J&J continues to build antibodies for a month – much like first shots of mRNA vaccines. My immune system might be in overdrive for the next number of weeks.

Thanks, (b) (6)

On Mar 29, 2021, at 10:13 PM, (b) (6) (6) wrote:

I appreciate your quick response! Thank you for clarifying that the test isn't mandatory. With that, I'll defer the (b) (6) as I don't think I could tolerate it. And as such, it wouldn't be a good use of the physician's time who's administering the test to have to stop the test prematurely because the test is unbearable. Sort of a "Catch-22" for those of us who cannot bear the pain of the test to get treatment for the pain.

A side story... in my effort to find a general neurologist (b) (6), today I had an appointment with one as in a new patient. She started by asking why I was there and I replied that I had a vaccine reaction and explained the neuro symptoms that started 2 hours after the Pfizer vaccine injection. She said she doubted it could've been the vaccine and added that perhaps I was dehydrated (I drink 64+ oz of water a day). She asked me to stand on my toes. My left foot could barely do so — much less even lift my left toes. Obvious weakness. I had to ask her to assess the strength of my left leg and foot as she had no intent of touching my lower extremities otherwise. There were visible spasms in both legs, but I doubt they were noted as she never looked at or touched them. She acted like I was wasting her time, (b)(6)and concluded

. It was the most unproductive medical appointment I've experienced. Will need to keep shopping for a general neurologist.

Best, (b) (6)

On Mar 29, 2021, at 7:46 PM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:

Dear (b) (6)

Thank you for reaching out and clarification about your symptoms.

(b) (6) basically helps us to determine the cause of your new symptoms and worsening of your previous neuropathy whether there is an ongoing inflammatory process or not. If so we may be able to offer you treatment to improve your pain and paresthesia symptoms. However, If you are not interested we defer it and bring you here just for a visit and blood draw.

Please let us know and we can plan accordingly.

Best Regards, Farinaz

<AABC2F3577F04EBBB17B1F1BC91CC517.png>
From:
(b) (6)

**Sent:** Monday, March 29, 2021 7:13:32 PM

To: Safavi, Farinaz (NIH/NINDS) [E]

(b) (6)

Subject: Post J&J Shot

Hello Dr. Safavi,

It's was a pleasure to meet you last Monday during my NIH visit (March 22nd), and receive your call last Wednesday (March 24th).

During our phone chat, I told you I'd received the J&J vaccination (b) (6). It's been interesting to compare my neuro reactions from Pfizer vs. J&J. But to be brief herein... I had no neuro symptoms (actually, any symptoms) from J&J until the day after the injection, when I experienced severe L4-5 pain in my left foot and leg. The pain was more severe than the original neuropathy following (b) (6) (6) , and any time thereafter. There's been reduction in intensity since then, yet it remains highly sensitive and I'm currently less

mobile than when you saw me. I wouldn't bother you with my 2<sup>nd</sup> shot reaction, except Kymani contacted me today to schedule appointments for an upcoming NIH visit, which would include (b) (6). I've had (b) (6)

Physicians used to remark about my high pain tolerance. That's no longer the

my high pain tolerance. That's no longer the case. After the aggravation from Pfizer and J&J (b) (c) (e) in the foreseeable future, maybe ever. I wanted to bring this to your attention as you may not want to include me in your study without (b) (6), and if so, Kymania and I won't go forward with scheduling the visit.

In closure, I don't wish to leave you with bad impressions of J&J. There are other Pfizer-induced neuro symptoms that are better, thus far, since the J&J injection. And some are about the same, after both shots. It's just the 2<sup>nd</sup> vaccination didn't show any mercy to a vulnerable nerve, one that had a history of neuropathy. And interestingly, my worst reactions after Pfizer followed the first post-injection week. Seems I still have a few more weeks to see how J&J will play out.

Best regards,

(b) (6)

(b) (6)

(b) (6)

Sent: Subject:	Thur 3/25/2021 9:35:15 AM (UTC-05:00) Re: Neurological symptoms post Pfizer COVID vaccine
person, of the area written to adverse withink the	for in the ER mentioned both to the neurologist she spoke to on the phone. I have still not seen a neurologist in
(b) (6)	
Sent from	m my iPhone
C	On Mar 24, 2021, at 12:39, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:
1	am so glad you finally able to see someone.Did you talk to them about possibility of (b) (6)?
F	Farinaz
S T	rom:  ent: Wednesday, March 24, 2021 3:27:23 PM  o: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6)  ubject: Re: Neurological symptoms post Pfizer COVID vaccine
A p	Hi Farinaz, After writing the email to you yesterday, I decided to go into the ER for assessment. I have an urgent ending and the ER doctor did a phone consult with a neurologist from (b) (6). Thank you for your esponse
	(b) (6)
S	Sent from my iPhone
	On Mar 24, 2021, at 10:04, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:
	Hi (b) (6) I think the best approach in your case would be seeing a neurologist.I would be happy to get in touch with any physician to provide any further information.  Farinaz

(b) (6)

(b) (6)

To:

From:

Safavi, Farinaz (NIH/NINDS) [E]

From: (b) (6)

Sent: Tuesday, March 23, 2021 3:30 PM To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Neurological symptoms post Pfizer COVID vaccine

#### Hello Farinaz,

I just wanted to thank you again for taking the time to speak with me and offer some suggestions as to what the source of my symptoms may be. My husband is also very grateful. It's been very reassuring to speak to you and it has put my mind much at ease. I have noticed a new symptom today and am wondering if you might be able to offer some clarity as to what this may mean. Please see the attached photos. I believe I may exhibiting what is known as Wartenberg's Sign in the fifth finger of my right hand. I am able to adduct the fifth finger towards the fourth, although it does require some effort. The position in the photo is where my fifth finger automatically goes to if my hand is relaxed. I have an included a photo of my left hand for comparison. I very much appreciate any information you can provide. Also, I should have some downtime this afternoon to be able to complete and submit the consent forms to Amanda.

# Regards, (b) (6)

<3515F8BDB8C746D5BAB57CCE680D4F60.jpg> <3BC2BA49122A4D63A6A110812D81FE8A.jpg>

### Sent from my iPhone

On Mar 23, 2021, at 07:43, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote: hi,give me afew minutes and i will send it again

Farinaz

<7868991B08644CCCB2945A2D1384D9B8.png>

From:

(b) (6)

Sent: Tuesday, March 23, 2021 10:25:23 AM

To: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6)

Subject: Re: Neurological symptoms post Pfizer COVID vaccine

Good morning Farinaz,
I have not received an invitation to our Teams meetings this morning. I'm not sure if maybe it got misplaced in the mail somewhere?

Thanks, (b) (6)

Sent from my iPhone

On Mar 22, 2021, at 13:39, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:

Thank you. Maybe you ask or GP to check for spike and capsid Abs. They can

distinguish previous or vaccine related COVID.

Our nurse will contact you as soon as she can for paperwork. Thanks for your fast response.

**Farinaz** 

(b) (6) From:

Sent: Monday, March 22, 2021 4:37 PM To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Neurological symptoms post Pfizer COVID vaccine

Hello Farinaz,

I did have some symptoms last March that started two weeks after returning from Mexico that I wasn't tested for. I had an odd burning sensation in my chest and an infrequent dry cough that persisted intermittently for about 2 days. I was afebrile and had no other symptoms. Our daily cab driver in Mexico had taken a day off because of a "bad flu". I have no past history of medical conditions, besides

The only medication I do take is

(b) (6) . The only

autoimmune disease I'm aware of in my family is

(b) (6)

Sent from my iPhone

On Mar 22, 2021, at 12:41, Safavi, Farinaz (NIH/NINDS) [E] (b) (6) wrote:

(b) (6) Hi

I have two questions for you.

Do you think you ever had COVID in the course of last year? Do you have any family member with autoimmune or inflammatory diseases? Any Past medical Hx or medication?

Thank you

Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD

(b) (6) From:

Sent: Monday, March 22, 2021 12:05 PM

To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Neurological symptoms post Pfizer COVID vaccine

Hi Farinaz,

I'm so sorry. I'm having an issue with my wifi this morning and

am unable to log into the Teams meeting. I'm attempting to connect using my phone's data plan, but that also isn't working. I'm attempting to resolve this issue and hopefully will be able to quickly.

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Hi (b) (6)

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Farinaz

<94EBE1012C554021AC219AAFF0FC888F.png>

From: (b) (6

Sent: Thursday, March 18, 2021 3:48:26 AM

To: Safavi, Farinaz (NIH/NINDS) [E]

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**Subject:** Neurological symptoms post Pfizer COVID vaccine

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Regards, (b) (6)

Subject: Re: Neurological symptoms post Pfizer COVID vaccine  (b) (6)
Good morning Dr Safavi,  finally have a copy of the transcribed report of my  (b) (6)  to share with you. I'm comfortable sharing it here, so will attach it.
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I am still awaiting an appointment with a neurologist, as I still have not seen one in person, and am still awaiting (b) (6). I've been told that I may need be treated with approved (b) (6). The radiologist who (b) (6)

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Can you please update me with your symptoms and test results you have done so far?

Farinaz Safavi MD, PhD
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From: (b) (6)

Sent: Wednesday, March 24, 2021 3:27 PM

To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Neurological symptoms post Pfizer COVID vaccine

Hi Farinaz,

After writing the email to you yesterday, I decided to go into the ER for assessment. I have (b) (6) pending and the ER doctor did a phone consult with a neurologist from (b) (6). Thank you for your response

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I think the best approach in your case would be seeing a neurologist. I would be happy to get in touch with any physician to provide any further information.

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Our nurse will contact you as soon as she can for paperwork. Thanks for your fast response.

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To: <u>Safavi, Farinaz (NIH/NINDS) [E]</u> **Subject:** Re: Neurological symptoms post Pfizer COVID vaccine

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I did have some symptoms last
March that started two weeks after
returning from Mexico that I wasn't
tested for. I had an odd burning
sensation in my chest and an
infrequent dry cough that persisted
intermittently for about 2 days. I was
afebrile and had no other symptoms.
Our daily cab driver in Mexico had
taken a day off because of a "bad
flu". I have no past history of
medical conditions, besides (6)

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Hi (b) (6)
I have two questions for you.
Do you think you ever had COVID in the course of last year?
Do you have any family member with autoimmune or inflammatory diseases?
Any Past medical Hx or medication?
Thank you

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Sent: Monday, March
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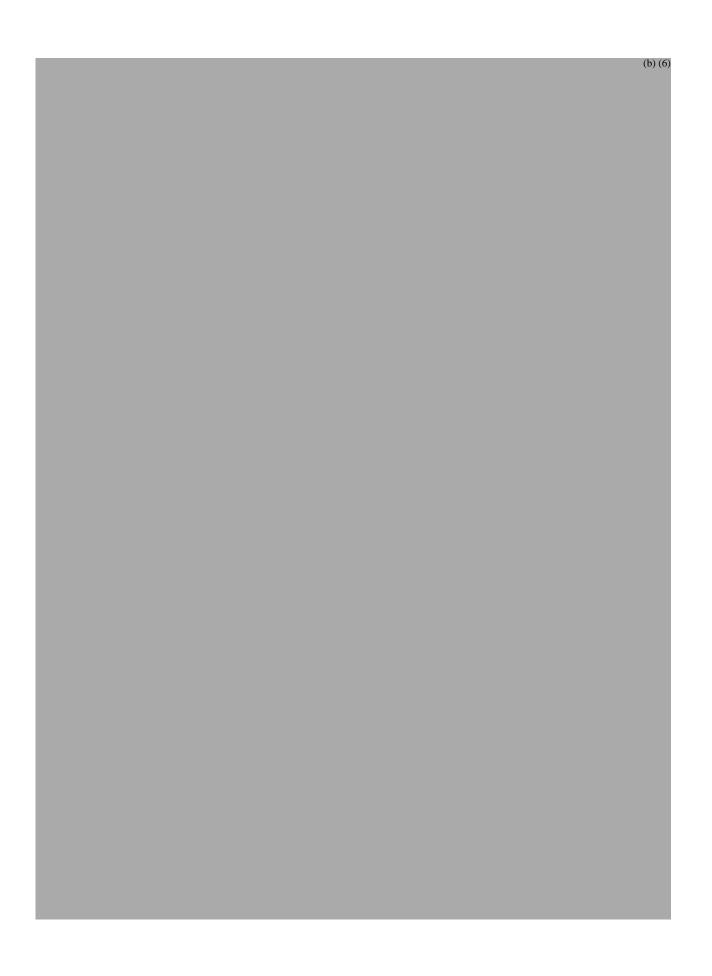
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(b) (6) To: Safavi, Farinaz (NIH/NINDS) [E]] (b)(6)From: Sent: Mon 4/5/2021 7:13:29 PM (UTC-05:00) Subject: Re: Neurological symptoms post Pfizer COVID vaccine Hi Dr Safavi, Yes, I definitely understand that and am incredibly frustrated that there has been so many delays in my treatment, and there continues to be. (b) (6) Sent from my iPhone (b) (6) On Apr 5, 2021, at 11:04, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) The reason that I wanted to speak with you was that if there is an objective evidence for Of course I leave the decision to you. Farinaz (b) (6) Sent: Monday, April 5, 2021 1:55:15 PM To: Safavi, Farinaz (NIH/NINDS) [E] < Subject: Re: Neurological symptoms post Pfizer COVID vaccine Hi. I'll be traveling tomorrow so unfortunately will not be available for a meeting tomorrow. I will be back home Thursday afternoon, so the soonest I will be available is Friday morning. (b) (6) Sent from my iPhone On Apr 5, 2021, at 08:50, Safavi, Farinaz (NIH/NINDS) [E] < wrote: Sure,

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The episodes of numbness to my right hand, fingers, and arm are becoming more infrequent, but are still occurring. I still have difficulty using my right hand and fingers, to increasing degrees, because of the feeling of it taking increased effort to use my fingers and the feeling of heaviness and cramping in my fingers I described before. It's difficult to write or type for more than a couple of minutes at a time because of it. I've also had some issues with fine motor function of my fingers, such as screwing the backs on my earrings. I finally did have

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I'm so incredibly thankful that I was able to speak to you and you suggested that diagnosis, because I know I never would have been able to have it diagnosed if it wasn't for you.

I haven't noticed any paresthesias or neurological issues to any other areas of my body (those seem to have resolved) besides to my right foot where I sometimes notice numbness (considerable at times) and pins and needles feelings, especially when laying still. It occasionally feels as if I have the same odd cramping sensation to my foot and toes that I have to my hands.

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Thank you for taking the time to review my story. Please let me know if I can assist your study in any way.

Regards, (b) (6)

Subject: Re: Neurological symptoms post Pfizer COVID vaccine Unfortunately, I don't think there's any way I can have access to those. It was very difficult to even access this transcription. I will try to get in touch with my Dr's office to see, but I don't really think I will be able to. Sent from my iPhone (b) (6) wrote: On Apr 13, 2021, at 12:59, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) Hi Thank you for the update. Is there any possibility you send us the original imagings? I cc Amanda to guide us through this possibility. Best Farinaz Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD (b)(6)From: Sent: Tuesday, April 13, 2021 1:42 PM To: Safavi, Farinaz (NIH/NINDS) [E] Subject: Re: Neurological symptoms post Pfizer COVID vaccine Good morning Dr Safavi, I finally have a copy of the transcribed report of (b) (6) to share with you. I'm comfortable sharing it here, so will attach it. I presented to the ER again two days ago with increasing numbness to my right foot and right leg, and was finally seen in person by a neurologist. He has decided (b) (6) . He reviewed (b) (6) . I will . He has ordered update you once I know more. Overall, I feel my concerns continue to be brushed off and it's incredibly frustrating. Regards, (b)(6)Sent from my iPhone (b) (6) wrote: On Apr 5, 2021, at 11:04, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) The reason that I wanted to speak with you was that if there is an objective evidence for (b) (6) Of course I leave the decision to you.

(b) (6)

(b) (6)

To:

From: Sent: Safavi, Farinaz (NIH/NINDS) [E][

Tue 4/13/2021 3:49:12 PM (UTC-05:00)

# Best Farinaz

#### <AB7521D3C6A14A92AEE9E41803DDB9ED.png>

From: (b) (6)

Sent: Monday, April 5, 2021 1:55:15 PM

To: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6)
Subject: Re: Neurological symptoms post Pfizer COVID vaccine

Hi,

I'll be traveling tomorrow so unfortunately will not be available for a meeting tomorrow. I will be back home Thursday afternoon, so the soonest I will be available is Friday morning.

(b) (6)

Sent from my iPhone

On Apr 5, 2021, at 08:50, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:

Sure,

It takes us 14 days to get the records so that If you can get it from your family doctor that would be much faster. It would be great if you can try tomorrow and let me know. We may be able to meet around 4pm ET tomorrow? Does it work for you?

Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD

From: (b) (6)

Sent: Monday, April 5, 2021 11:46 AM To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Neurological symptoms post Pfizer COVID vaccine

Hi Dr Safavi,

I would love to send it to you, but I don't have access to it. I may be able to request a copy from my family doctor, but her office does not reopen until tomorrow. In the consents that I signed and sent to Amanda, I did give permission to access results of my diagnostic tests, if that is helpful.

(b) (6)

Sent from my iPhone

On Apr 5, 2021, at 08:42, Safavi, Farinaz (NIH/NINDS) [E]

Hi (b) (6) for your email and information. I agree with that diagnosis.

Can you send me your (b) (6) by any chance?

Thanks
Farinaz Safavi MD, PhD
Division of Neuroimmunology and Neurovirology
NINDS, NIH, Bethesda, MD

From: (b) (6)

Sent: Monday, April 5, 2021 11:35 AM To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Neurological symptoms post Pfizer COVID vaccine

Good morning Dr Safavi,

The episodes of numbness to my right hand, fingers, and arm are becoming more infrequent, but are still occurring. I still have difficulty using my right hand and fingers, to increasing degrees, because of the feeling of it taking increased effort to use my fingers and the feeling of heaviness and cramping in my fingers I described before. It's difficult to write or type for more than a couple of minutes at a time because of it. I've also had some issues with fine motor function of my fingers, such as screwing the backs on my earrings. I finally did have the (b) (6) . I'm so incredibly thankful that I was able to speak to you and you suggested that diagnosis, because I know I never would have been able to have it diagnosed if it wasn't for you.

I haven't noticed any paresthesias or neurological issues to any other areas of my body (those seem to have resolved) besides to my right foot where I sometimes notice numbness (considerable at times) and pins and needles feelings, especially when laying still. It occasionally feels as if I have the same odd cramping sensation to my foot and toes that I have to my hands.

I am still awaiting an appointment with a neurologist, as I still have not seen one in person, and am still awaiting

I've been told that I may need be treated with

The radiologist who approved

(b) (6)

(b) (6)

Overall, I'm incredibly frustrated and disheartened with the lack of care and attention my condition has received from the medical professionals in my area. I'm so very appreciative that I was able to connect with you and you took the time to speak with me and assess me. Without you, I would have had no idea what was going on in my body.

(b) (6)

On Apr 5, 2021, at 06:33, Safavi, Farinaz (NIH/NINDS) [E]

(b) (6) wrote:

Hi (b) (6)

Hope your symptoms have improved.

Can you please update me with your symptoms and test results you have done so far?

Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD

From: (b) (6

Sent: Wednesday, March 24, 2021 3:27 PM

To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Neurological symptoms post Pfizer COVID vaccine

Hi Farinaz,

After writing the email to you yesterday, I decided to go into the ER for assessment. I have (b) (6) pending and the ER doctor did a phone consult with a neurologist from (b) (6). Thank you for your response

(b)(6)

Sent from my iPhone

On Mar 24, 2021, at 10:04, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:

Hi (b) (6)

I think the best approach in your case would be seeing a neurologist. I would be happy to get in touch with any physician to provide any further information.

Farinaz

From: (b) (6)

**Sent:** Tuesday, March 23, 2021 3:30 PM

To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Neurological symptoms post Pfizer

COVID vaccine

Hello Farinaz,

I just wanted to thank you again for taking the time to speak with me and offer some suggestions as to what the source of my symptoms may be. My husband is also very grateful. It's been very reassuring to speak to you and it has put my mind much at ease. I have noticed a new symptom

today and am wondering if you might be able to offer some clarity as to what this may mean. Please see the attached photos. I believe I may exhibiting what is known as Wartenberg's Sign in the fifth finger of my right hand. I am able to adduct the fifth finger towards the fourth, although it does require some effort. The position in the photo is where my fifth finger automatically goes to if my hand is relaxed. I have an included a photo of my left hand for comparison. I very much appreciate any information you can provide. Also, I should have some downtime this afternoon to be able to complete and submit the consent forms to Amanda.

Regards, (b) (6)

<3515F8BDB8C746D5BAB57CCE680D4F60.jpg> <3BC2BA49122A4D63A6A110812D81FE8A.jpg>

Sent from my iPhone

On Mar 23, 2021, at 07:43, Safavi, Farinaz (NIH/NINDS) [E]

(b) (6) wrote:

hi,give me afew minutes and i will send it again

## Farinaz

<7868991B08644CCCB2945A2D1384 D9B8.png>

From: (b) (6)

Sent: Tuesday, March 23, 2021

10:25:23 AM

To: Safavi, Farinaz (NIH/NINDS) [E]

(6) (6)

**Subject:** Re: Neurological symptoms post Pfizer COVID vaccine

Good morning Farinaz,
I have not received an invitation to
our Teams meetings this morning.
I'm not sure if maybe it got
misplaced in the mail somewhere?

Thanks, (b) (6)

Sent from my iPhone

On Mar 22, 2021, at 13:39, Safavi, Farinaz (NIH/NINDS) [E] (b) (6)

> wrote:

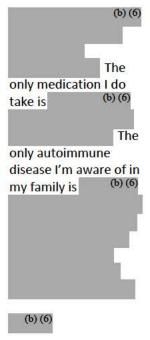
Thank you. Maybe you ask or GP to check for spike and capsid Abs.They can distinguish previous or vaccine related COVID. Our nurse will contact you as soon as she can for paperwork. Thanks for your fast response.

Farinaz

(b) (6) From: Sent: Monday, March 22, 2021 4:37 PM To: Safavi, Farinaz (NIH/NINDS) [E] Subject: Re: **Neurological symptoms** post Pfizer COVID

vaccine

Hello Farinaz, I did have some symptoms last March that started two weeks after returning from Mexico that I wasn't tested for. I had an odd burning sensation in my chest and an infrequent dry cough that persisted intermittently for about 2 days. I was afebrile and had no other symptoms. Our daily cab driver in Mexico had taken a day off because of a "bad flu". I have no past history of medical conditions, besides (b)



# Sent from my iPhone

On Mar 22, 2021, at 12:41, Safavi, Farinaz (NIH/NIND S) [E] (b) (6) wrote:

Hi (b) (6) I have two questions for you. Do you think you ever had **COVID** in the course of last year? Do you have any family member with autoimmu ne or inflammat ory diseases? **Any Past** 

medical Hx or medicatio n? Thank you

Farinaz Safavi MD, PhD Division of Neuroim munology and Neurovirol ogy NINDS, NIH, Bethesda, MD

(b) (6)

Sent:
Monday,
March 22,
2021
12:05 PM
To: Safavi,
Farinaz
(NIH/NIND
S) [E]
Subject:

Re: Neurologi cal symptoms post Pfizer COVID vaccine

Hi
Farinaz,
I'm so
sorry. I'm
having an
issue with
my wifi
this
morning
and am
unable to
log into
the Teams
meeting.

I'm attemptin g to connect using my phone's data plan, but that also isn't working. I'm attemptin g to resolve this issue and hopefully will be able to quickly.

(b) (6)

Sent from my iPhone

On Mar 18, 2021, at 16:38, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:

Hi (b) (6)

I am sorry to hear about your illness.I would be happy to speak with you through televisit and discuss your issues.Does Monday 11am or 12noon ET work for you? Best

Farinaz

### Farinaz

<94EBE1012C554021AC219AAFF0FC888F.png> Sent: Thursday, March 18, 2021 3:48:26 AM (b) (6) To: Safavi, Farinaz (NIH/NINDS) [E] < Subject: Neurological symptoms post Pfizer COVID vaccine Hello Farinaz, (b) (6), who I have I was referred to you by been in correspondence with since yesterday. The following is my story: (b) (6) from (b) (6) I am a am a healthy, very active . I received my first dose of the Pfizer COVID vaccine, administered to the left deltoid, (b) (6) . Early (b) (6) morning I woke with numbness to my left shin and right hand. When I woke later that morning, these symptoms remained. Throughout the day I developed paresthesia to all four extremities and the right side of my face, along the

trigeminal nerve pathway. Along with this paresthesia, which was intermittently worse in one limb vs another, I developed traveling intermittent sensations of coldness, as if someone was suddenly splashing me with cold water. I also experienced intermittent, traveling prickly electrical sensations. The next day the paresthesia persisted, but with less intensity and seemed to be affecting mainly the right side of my face and right arm and hand. That day, I had intermittent sensations of burning heat, most prominent to the right side of my (b) (6) I'm experiencing slight paresthesia to my left shin and a feeling of heaviness/numbness to my right arm and hand with cramping of my right hand, which requires increased effort to use as I normally would. The paresthesia to the right side of my face remains, but the sensation seems to be changing to a neuropathy instead. I feel as if I've been punched incredibly hard in my cheek. I also have intermittent sharp pains to the sides of my fingers, my hand, along the radial and ulnar nerves, and to my upper arm. Fortunately, I am still mostly functional and able to carry on with my normal activities without issues, beside the hand cramping. My fear is what this may progress to in the future. Being Canadian, I have incredibly limited access to any specialized care, and will never be able to be assessed by a neurologist. I've had a phone appointment with a GP, another with my own, and was seen by my own GP in person today. My neurological exam was . I've been told that if my symptoms become largely focal then I need to be seen urgently to have booked. I've also been advised to closely self

largely focal then I need to be seen urgently to have booked. I've also been advised to closely self monitor my symptoms. The first doctor told me my symptoms were not due to the COVID vaccine, even though I was perfectly healthy before the vaccine with no pre-existing conditions or history of neurological symptoms. My own GP is reluctant to say the vaccine is the cause, but has filed an adverse reaction report, as have I.

Thank you for taking the time to review my story. Please let me know if I can assist your study in any way.

Regards, (b) (6)

Thur 3/18/2021 11:14:57 PM (UTC-05:00) Sent: Subject: Re: Neurological symptoms post Pfizer COVID vaccine Hi Farinaz. That would be excellent. 1200 EST would work best for me. Regards, (b) (6) Sent from my iPhone On Mar 18, 2021, at 16:38, Safavi, Farinaz (NIH/NINDS) [E] < wrote: (b) (6) Hi I am sorry to hear about your illness. I would be happy to speak with you through televisit and discuss your issues. Does Monday 11am or 12noon ET work for you? Best Farinaz Farinaz (b)(6)From: Sent: Thursday, March 18, 2021 3:48:26 AM (b)(6)To: Safavi, Farinaz (NIH/NINDS) [E] < Subject: Neurological symptoms post Pfizer COVID vaccine Hello Farinaz, (b) (6), who I have been in correspondence with since yesterday. I was referred to you by The following is my story: (b) (6) (b) (6). I am a healthy, very active I am a . I received my first dose of the Pfizer COVID vaccine, administered to the left deltoid, Early (b) (6) morning I woke with numbness to my left shin and right hand. When I woke later that morning, these symptoms remained. Throughout the day I developed paresthesia to all four extremities and the right side of my face, along the trigeminal nerve pathway. Along with this paresthesia, which was intermittently worse in one limb vs another, I developed traveling intermittent sensations of coldness, as if someone was suddenly splashing me with cold water. I also experienced intermittent, traveling prickly electrical sensations. The next day the paresthesia persisted, but with less intensity and seemed to be affecting mainly the right side of my face and right arm and hand. That day, I had intermittent sensations of burning heat, most prominent to the right side of my face. Today, I'm experiencing slight paresthesia to my left shin and a feeling of heaviness/numbness to my right arm and hand with cramping of my right hand, which requires increased effort to use as I normally would. The paresthesia to the right side of my face remains, but the sensation seems to be changing to a neuropathy instead. I feel as if I've been punched incredibly hard in my cheek. I also have intermittent sharp pains to the sides of my fingers, my hand, along the radial and ulnar nerves, and to my upper arm. Fortunately, I am still mostly functional and able to carry on with my normal activities without issues, beside the hand cramping. My fear is what this may progress to in the future. Being Canadian, I have incredibly limited access to any specialized care, and will never be able to be assessed by a neurologist. I've had a phone appointment with a GP, another with my own, and was seen by my own GP in person (b) (6). I've been told that if my symptoms become today. My neurological exam was largely focal then I need to be seen urgently to have (1) to booked. I've also been advised to closely self monitor my symptoms. The first doctor told me my symptoms were not due to the COVID vaccine, even though I was perfectly

(b) (6)

(b) (6)

To:

From:

Safavi, Farinaz (NIH/NINDS) [E][

Thank you for taking the time to review my story. Please let me know if I can assist your study in any way.

reluctant to say the vaccine is the cause, but has filed an adverse reaction report, as have I.

healthy before the vaccine with no pre-existing conditions or history of neurological symptoms. My own GP is

(b) (6) From: Tue 3/23/2021 12:28:52 PM (UTC-05:00) Sent: (b) (6) neurological vaccine reaction Subject: Re: Potential SPAM:Re: Referral from (b) (6) Here is my phone number I am actually on the meeting link now!! Oh please!! Sent from my iPhone (b) (6) wrote: On Mar 23, 2021, at 10:26 AM, I am trying now, please can we still do it? You said 1 and I thought that meant 1 my time Sent from my iPhone (b) (6) On Mar 23, 2021, at 10:12 AM, Safavi, Farinaz (NIH/NINDS) [E] < wrote: (b) (6) Hello I and my NP joined to meet with you through MS teams at 1pm and unfortunately you did not join.Did the link work for you?If not we can reschedule. **Thanks** Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD (b) (6) From: Sent: Sunday, March 21, 2021 10:02 PM To: Safavi, Farinaz (NIH/NINDS) [E] Subject: Potential SPAM:Re: Referral from (b) (6) neurological vaccine reaction Yes ma'am. Let me know how we proceed!!! Thank you!!! Sent from my iPhone (b) (6) On Mar 21, 2021, at 6:32 PM, Safavi, Farinaz (NIH/NINDS) [E] < wrote: Hi (b) (6) I am sorry to hear about your illness. We definitely can discuss your issues through televisit. I have availability on Tuesday. Does 1pm work for you? Please let me know Farinaz Safavi MD, PhD

Division of Neuroimmunology and Neurovirology

(b) (6)

To:

Safavi, Farinaz (NIH/NINDS) [E]]

From:

(b) (6)

Sent: Sunday, March 21, 2021 3:08 AM

To: Safavi, Farinaz (NIH/NINDS) [E]; Wiebold, Amanda (NIH/NINDS) [E] (b) (6) neurological vaccine reaction Subject: Referral from Hello! I was told to reach out to you and see if you could help me. My story is below. I currently live in (b) (6) Thanks for your time! phone number is My story: (b) (6). Lam a I am a . I was healthy and fit before getting vaccinated. In 2020 I did (b) (6) I got my first first and only Moderna shot in my left arm...No symptoms besides a sore arm for 2-3 days. On the 8th day I noticed some lymphadenopathy while I was at work. And then my neck started to feel hot. After that anytime I would eat my entire body felt a hot/burning sensation and accompanied by a rash that would migrate. This came and went for about a week. And then on the 14th day, I noticed my feet felt tingly. I had just taken my kids to (b) (6) to play in the snow that morning and thought it had something to do with that. On the 15th day, (b) (6) the tingling had gotten worse. It was now in both feet and ankles. It felt like icicles in my veins. I went to my primary and she insisted it couldn't be from the vaccine (b) (6) for the full body flushing. And gave me a and prescribe me referral to an allergist to give me a peace of mind that I could do the 2nd dose of vaccine. About an hour later it was worse so I went back the Dr but she said just to sent her pics via email. I told her my knees looked purple and the tingling was getting worse and traveling to my knees. She said if I was that concerned to go to the ER. I finished my day at the office and tried to go (b) (6) . They workout but it was persistent. I decided to go to (b) (6). The Dr. (b) (6) said he thought . They gave me . That seemed to help with the full body flushing. The tingling in my feet persisted and also began in my hands. I went and saw the allergist and he had no idea. He gave me a prescription for (b) (6) . He ordered He then referred me to (b) for a 2nd opinion and also a neuro referral. I saw (b) (6) he said not to get the 2nd shot same thing the first allergist said. He order (b) (6) I went back to the ER my blood The following Monday

pressure I took after work was and then of the ER.
and it had come down to (b) (6) or something like that. They did (b) (6)
. They ran some more labs. My (b) (6)
. The ER doctor had no idea, but said I should see a
neurologist. He knew I was scared and he said I could help jump start the
process and he ordered (6) (6)
I got in with the nurse practioner at the primary. She ordered more labs and told me to (b) (6)
told me to (b) (6)
I remained tingly and my muscles aches, random twitching and electrical
impulses in my right quad and my upper right should/back area was
randomly numb/tingly. I was exhausted and I lost 13 pounds in 2 weeks,
hard to do when you are relatively healthy. My BP started to go down and
stay around (b) (6) Now the low blood pressure was a new thing. I
became very vascular and complained of my veins hurting. I went to neuro.
He ordered (b) (6)
Finally I made a follow up appointment with him
to discuss (b) (6)
Grrr. I have not lost my strength in all of this nor my balance. I did lose a
little strength in the beginning because of the rapid weight loss but I have
since regained that back. I am still down 8 or 9 lbs but maintaining that very
well with a good diet, staying as low histamine as I can, most of the time.
I went back to see my nurse practioner on Friday because my veins
in my wrists were hurting, almost like they were going to explode. The
moment I would raise my hand the blood wood rapidly disappear and my
veins would sink in. I have videos of it happening. She denied me a vascular referral and prescribe me (b) (6) I filled the prescription and never took
any. I did see a rheumatologist and she ordered a gamet of testing. She
took me serious because she she also had numbness in her arm for an hour
or two after her shot. (b) (6)
of two diter fier shot.
She said to follow up in 4
weeks in the meantime she was going to contact some colleagues at (b) (6)
and see if they had heard of anything and she was going to check in with the
NIH. She seems genuinely concerned. She wanted me to get a 2nd opinion
from another neurologist. She thinks (b) (6)
She said that way we can rule
things out. And so I just got approved for that on Friday and I am waiting for
them to call me back to schedule.
My current symptoms are random burning sensations in my neck, hands,
feet, and face. My tingling has subsided. But I notice if my shoes or socks are
too tight it will start again. My hands and knuckles will get red and feel like
they are hot. I had bad headaches, pulsing around my ears but those have
subsided. My feet feel like they don't get good circulation and the color of

them changes. My veins change all the time, Super vascular and then barely there and then will bring on different sensory feelings. My hands/fingers fall asleep at night when I am sleeping and the tingling/ will also start in my feet when I lay down. My heels of my feet feel like they are burning as I type this! My energy is better and I think my BP has stabled more, or I am just not taking it as much at this point. If I am texting on my phone my fingers will tingle as if they are falling asleep. I used to get this cold feeling (icicles in my veins) in my forehead but that subsided and that feeling is now just randomly on the front side of my ankles. I don't seem to respond well to the cold.

I think that is all. I am sure I have left something out . But it has been a very busy since I had my first ER visit and the tests and bloodwork started! It has been since my shot. I would say things have improved since the beginning, especially when it comes to the intensity.

Interested on hearing your thoughts!

**Thanks** 

(b) (6)

(b) (6) To: Safavi, Farinaz (NIH/NINDS) [E] (b) (6) From: Sent: Tue 3/23/2021 12:32:52 PM (UTC-05:00) (b) (6) neurological vaccine reaction Subject: Re: Potential SPAM:Re: Referral from Can we still do it?! Sent from my iPhone On Mar 23, 2021, at 10:26 AM, wrote: I am trying now, please can we still do it? You said 1 and I thought that meant 1 my time Sent from my iPhone (b) (6) On Mar 23, 2021, at 10:12 AM, Safavi, Farinaz (NIH/NINDS) [E] < wrote: (b)(6)Hello I and my NP joined to meet with you through MS teams at 1pm and unfortunately you did not join.Did the link work for you?If not we can reschedule. Thanks Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD (b) (6) From: Sent: Sunday, March 21, 2021 10:02 PM To: Safavi, Farinaz (NIH/NINDS) [E] (b) (6) neurological vaccine reaction Subject: Potential SPAM:Re: Referral from Yes ma'am. Let me know how we proceed!!! Thank you!!! Sent from my iPhone (b)(6)On Mar 21, 2021, at 6:32 PM, Safavi, Farinaz (NIH/NINDS) [E] < wrote: Hi (b) (6) I am sorry to hear about your illness. We definitely can discuss your issues through televisit. I have availability on Tuesday. Does 1pm work for you? Please let me know Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology

NINDS, NIH, Bethesda, MD

Hello! I was told to reach out to you and see if you could help me. My story is below. I currently live in (b) (b) Thanks for your time! phone number is My story: (b) (6) . I am a I am a . I was healthy and fit before (b)(6)getting vaccinated. In 2020 I did (b) (6) I got my first first and only Moderna shot in my left arm..No symptoms besides a sore arm for 2-3 days. On the 8th day I noticed some lymphadenopathy while I was at work. And then my neck started to feel hot. After that anytime I would eat my entire body felt a hot/burning sensation and accompanied by a rash that would migrate. This came and went for about a week. And then on the 14th day, I noticed my feet felt tingly. I had (b) (6) to play in the snow that morning and thought it iust taken my kids to had something to do with that. On the 15th day, (b) (6) the tingling had gotten worse. It was now in both feet and ankles. It felt like icicles in my veins. I went to my primary and she insisted it couldn't be from the vaccine (b) (6) for the full body flushing. And gave me a and prescribe me referral to an allergist to give me a peace of mind that I could do the 2nd dose of vaccine. About an hour later it was worse so I went back the Dr but she said just to sent her pics via email. I told her my knees looked purple and the tingling was getting worse and traveling to my knees. She said if I was that concerned to go to the ER. I finished my day at the office and tried to go (b) (6) They workout but it was persistent. I decided to go to (b) (6) The Dr. ran (b) (6) said They gave me . That seemed to help with the full body flushing. The tingling in my feet persisted and also began in my hands. I went and saw the allergist and he (b) (6) had no idea. He gave me a prescription for (b) (6) . He ordered He then referred me to for a 2nd opinion and also a neuro referral. I saw (b) (6) he said not to get the 2nd shot same thing the first allergist said. He order (b) (6) I went back to the ER my blood The following Monday (b) (6) and then (b) (6). I got to the ER pressure I took after work was and it had come down to (b) (6) or something like that. They did (b)(6)

(b) (6)

To: Safavi, Farinaz (NIH/NINDS) [E]; Wiebold, Amanda (NIH/NINDS) [E]

(b) (6) neurological vaccine reaction

Sent: Sunday, March 21, 2021 3:08 AM

Subject: Referral from

From:

The Ex doctor flad no idea, but said i should see a
neurologist. He knew I was scared and he said I could help jump start the process and he ordered (b) (6)
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I went back to see my nurse practioner on (b) (6) because my veins
in my wrists were hurting, almost like they were going to explode. The
moment I would raise my hand the blood wood rapidly disappear and my
veins would sink in. I have videos of it happening. She denied me a vascular
referral and prescribe me (b) (6). I filled the prescription and never took
any. I did see a rheumatologist and she ordered a gamet of testing. She
took me serious because she she also had numbness in her arm for an hour
or two after her shot. (b) (6)
She said to follow up in 4
weeks in the meantime she was going to contact some colleagues at (b) (6)
and see if they had heard of anything and she was going to check in with the
NIH. She seems genuinely concerned. She wanted me to get a 2nd opinion
from another neurologist. She thinks (b) (6)
She said that way we can rule
things out. And so I just got approved for that on Friday and I am waiting for
them to call me back to schedule.
My current symptoms are random burning sensations in my neck, hands,
feet, and face. My tingling has subsided. But I notice if my shoes or socks are
too tight it will start again. My hands and knuckles will get red and feel like
they are hot. I had bad headaches, pulsing around my ears but those have
subsided. My feet feel like they don't get good circulation and the color of
them changes. My veins change all the time, Super vascular and then barely
there and then will bring on different sensory feelings. My hands/fingers fall
asleep at night when I am sleeping and the tingling/ will also start in my feet

when I lay down. My heels of my feet feel like they are burning as I type this! My energy is better and I think my BP has stabled more, or I am just not taking it as much at this point. If I am texting on my phone my fingers will tingle as if they are falling asleep. I used to get this cold feeling (icicles in my veins) in my forehead but that subsided and that feeling is now just randomly on the front side of my ankles. I don't seem to respond well to the cold.

I think that is all. I am sure I have left something out . But it has been a very busy since I had my first ER visit and the tests and bloodwork started! It has been since my shot. I would say things have improved since the beginning, especially when it comes to the intensity.

Interested on hearing your thoughts!

Thanks

(b) (6)

Sent: Subject	Thur 7/1/2021 7:38:45 PM (UTC-05:00)  Re: update
wheel. he start	I saw a cardiologist the following day who did ed me on (b) (6). My major post covid vaccine symptoms started after the second shot which was on (b) (6). My major post 2nd vaccine. (b) (6) I have no cardiac history prior to this.
Sent fro	om my iPhone
	On Jul 1, 2021, at 8:32 PM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:
	How long after vaccine your symptoms started? I will discuss it with them team and see how we can coordinate it.
	Farinaz
	Sent: Thursday, July 1, 2021 8:30:33 PM  To: Safavi, Farinaz (NIH/NINDS) [E] <
	From: (b) (6)
	Sent: Thursday, July 1, 2021 8:18:21 PM  To: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6)  Subject: Re: update
	Hi, What type of testing do you have in mind? Thanks (b) (6)
	Sent from my iPhone

(b) (6)

Safavi, Farinaz (NIH/NINDS) [E]

To: From:

# On Jul 1, 2021, at 7:26 PM, Safavi, Farinaz (NIH/NINDS) [E]

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If you are interested we can bring you back to NIH and perform formal autonomic testing and discuss other pissibilities. please let me know.

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Farinaz Safavi MD, PhD

Division of Neuroimmunology and Neurovirology

NINDS, NIH, Bethesda, MD

From: (b) (6)

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Subject: Re: update

Okay, thank you!

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On Apr 10, 2021, at 4:05 PM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:

Hope all is well.I went through your

I will follow up about (b) (6) and let you know.

Best

**Farinaz** 

To: Safavi, Farinaz (NIH/NINDS) [E]| (b) (6)

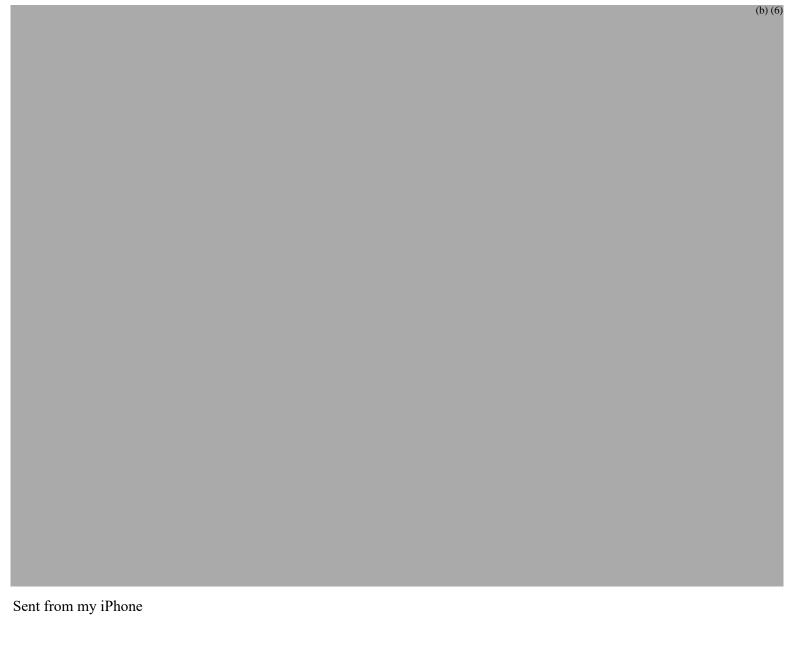
From: (b) (Sent: Tue 3/23/2021 2:30:31 PM (UTC-05:00)

Subject: Re: Neurological symptoms post Pfizer COVID vaccine

### Hello Farinaz.

I just wanted to thank you again for taking the time to speak with me and offer some suggestions as to what the source of my symptoms may be. My husband is also very grateful. It's been very reassuring to speak to you and it has put my mind much at ease. I have noticed a new symptom today and am wondering if you might be able to offer some clarity as to what this may mean. Please see the attached photos. I believe I may exhibiting what is known as Wartenberg's Sign in the fifth finger of my right hand. I am able to adduct the fifth finger towards the fourth, although it does require some effort. The position in the photo is where my fifth finger automatically goes to if my hand is relaxed. I have an included a photo of my left hand for comparison. I very much appreciate any information you can provide. Also, I should have some downtime this afternoon to be able to complete and submit the consent forms to Amanda.





On Mar 23, 2021, at 07:43, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:

hi,give me afew minutes and i will send it again

Farinaz

From: (b) (6)

**Sent:** Tuesday, March 23, 2021 10:25:23 AM

**To:** Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) **Subject:** Re: Neurological symptoms post Pfizer COVID vaccine

Good morning Farinaz,

I have not received an invitation to our Teams meetings this morning. I'm not sure if maybe it got misplaced in the mail somewhere?

Thanks,

Sent from my iPhone

(b) (6) wrote: On Mar 22, 2021, at 13:39, Safavi, Farinaz (NIH/NINDS) [E] <

Thank you. Maybe you ask or GP to check for spike and capsid Abs. They can distinguish previous or vaccine related COVID.

Our nurse will contact you as soon as she can for paperwork. Thanks for your fast response.

Farinaz

(b) (6) From:

Sent: Monday, March 22, 2021 4:37 PM To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Neurological symptoms post Pfizer COVID vaccine

Hello Farinaz,

I did have some symptoms last March that started two weeks after returning from Mexico that I wasn't tested for. I had an odd burning sensation in my chest and an infrequent dry cough that persisted intermittently for about 2 days. I was afebrile and had no other symptoms. Our daily cab driver in Mexico had taken a day off because of a "bad flu". I have no past history of medical conditions, besides (b) (6). The

only medication I do take is autoimmune disease I'm aware of in my family is

(b) (6) . The only

(b) (6)

(b) (6)

Sent from my iPhone

(b) (6) wrote: On Mar 22, 2021, at 12:41, Safavi, Farinaz (NIH/NINDS) [E] <

(b) (6) Hi

I have two questions for you.

Do you think you ever had COVID in the course of last year?

Do you have any family member with autoimmune or inflammatory diseases?

Any Past medical Hx or medication?

Thank you

Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD

From:

Sent: Monday, March 22, 2021 12:05 PM

To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Neurological symptoms post Pfizer COVID vaccine

Hi Farinaz,

I'm so sorry. I'm having an issue with my wifi this morning and am unable to log into the Teams meeting. I'm attempting to connect using my phone's data plan, but that also isn't working. I'm attempting to resolve this issue and hopefully will be able to quickly.

(b) (6)

Sent from my iPhone

Hello Farinaz,

I was referred to you by

```
On Mar 18, 2021, at 16:38, Safavi, Farinaz (NIH/NINDS) [E]

(b) (6) wrote:

Hi (b) (6)
I am sorry to hear about your illness.I would be happy to speak with you through televisit and discuss your issues.Does Monday 11am or 12noon ET work for you?

Best Farinaz

Farinaz

<94EBE1012C554021AC219AAFF0FC888F.png>
From: (b) (6)
Sent: Thursday, March 18, 2021 3:48:26 AM

To: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6)
Subject: Neurological symptoms post Pfizer COVID vaccine
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in correspondence with since yesterday. The following is my story: (b) (6) from (b) (6) I am a am a healthy, very active I received my first dose of the Pfizer COVID vaccine, administered to the left deltoid, (b) (6) Early (b) (6) morning I woke with numbness to my left shin and right hand. When I woke later that morning, these symptoms remained. Throughout the day I developed paresthesia to all four extremities and the right side of my face, along the trigeminal nerve pathway. Along with this paresthesia, which was intermittently worse in one limb vs another, I developed traveling intermittent sensations of coldness, as if someone was suddenly splashing me with cold water. I also experienced intermittent, traveling prickly electrical sensations. The next day the paresthesia persisted, but with less intensity and seemed to be affecting mainly the right side of my face and right arm and hand. That day, I had intermittent sensations of burning heat, most prominent to the right (b) (6) I'm side of my face. Today, experiencing slight paresthesia to my left shin and a feeling of heaviness/numbness to my right arm and hand with cramping of my right hand, which requires increased

(b) (6) who I have been

effort to use as I normally would. The paresthesia to the right side of my face remains, but the sensation seems to be changing to a neuropathy instead. I feel as if I've been punched incredibly hard in my cheek. I also have intermittent sharp pains to the sides of my fingers, my hand, along the radial and ulnar nerves, and to my upper arm. Fortunately, I am still mostly functional and able to carry on with my normal activities without issues, beside the hand cramping. My fear is what this may progress to in the future. Being Canadian, I have incredibly limited access to any specialized care, and will never be able to be assessed by a neurologist. I've had a phone appointment with a GP, another with my own, and was seen by my own GP in person today. My neurological exam was (b) (6) I've been told that if my symptoms become largely focal then I need to be seen urgently to have (b) (6) booked. I've also been advised to closely self monitor my symptoms. The first doctor told me my symptoms were not due to the COVID vaccine, even though I was perfectly healthy before the vaccine with no pre-existing conditions or history of neurological symptoms. My own GP is reluctant to say the vaccine is the cause, but has filed an adverse reaction report, as have

Thank you for taking the time to review my story. Please let me know if I can assist your study in any way.

Regards, (b) (6)

To: From:	Safavi, Farinaz (NIH/NINDS) [E] (b) (6)			
Sent: Subject:	Thur 7/8/2021 6:12:44 AM (UTC-05:00) Re: update			
Yes of course. I got the news last night at 93 pm and will call to schedule when they open at 9am. It won't be today that they fit me in.  Sent from my iPhone				
(	On Jul 8, 2021, at 5:58 AM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) (6) wrote:			
I L F F	Hi (b) (6) am sorry to hear that. You definietely need to follow up with your cardiologist for further evaluation. Let me discuss it with our team because I have not heard about it before. Hope you feel better. Best Farinaz			
	From: (b) (6)			
T	Sent: Wednesday, July 7, 2021 11:51:04 PM  To: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6)  Safavi, Farinaz (NIH/NINDS)			
	Subject: Re: update			
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Subject: Re: update

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Division of Neuroimmunology and Neurovirology

NINDS, NIH, Bethesda, MD

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From: Mon 7/12/2021 8:39:18 PM (UTC-05:00) Sent: Subject: Re: update Thank you! Sent from my iPhone (b) (6) wrote: On Jul 12, 2021, at 9:34 PM, Safavi, Farinaz (NIH/NINDS) [E] < I will ask Dr.Nath but I am not aware of anyone working on this issue here. Will let you know Farinaz (b)(6)From: Sent: Monday, July 12, 2021 7:37:30 PM (b) (6) To: Safavi, Farinaz (NIH/NINDS) [E] < Subject: Re: update Can you refer me to someone at the NIH who would be interested in my situation. Thanks (b) (6) Sent from my iPhone (b) (6) On Jul 12, 2021, at 1:01 PM, Safavi, Farinaz (NIH/NINDS) [E] < wrote: Hi (b) (6) I discussed your case in our meeting and actually the team thinks that you have to follow up with your (b) (6) go under cardiology expertise and are not cardiologist since neurologic in nature. I am so glad you have a cardiologist and getting an appropriate work up about this issue. I hope you feel better soon. Best Farinaz Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD From: (b) (6) Sent: Thursday, July 8, 2021 10:52 PM To: Safavi, Farinaz (NIH/NINDS) [E]

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Safavi, Farinaz (NIH/NINDS) [E]

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Sent: Subject:	Mon 7/12/2021 6:34:16 PM (UTC-05:00) Re: update
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(b) (6)

Safavi, Farinaz (NIH/NINDS) [E]| (b) (6)

To: From: Subject: Re: update Hi, (b) (6) My cardiologist called me tonight to tell me that (b) (6) I will call tomorrow am. This makes me extremely nervous and scared. (b) (6) Please let me know your thoughts. I'm definitely on edge. (b) (b) Sent from my iPhone (b) (6) wrote: On Jul 1, 2021, at 8:32 PM, Safavi, Farinaz (NIH/NINDS) [E] < How long after vaccine your symptoms started? I will discuss it with them team and see how we can coordinate it. Farinaz <46FBF03B3E5C49E780AFB24ABB826FF0.png> (b) (6) From: Sent: Thursday, July 1, 2021 8:30:33 PM (b)(6)To: Safavi, Farinaz (NIH/NINDS) [E] < Subject: Re: update Yes, I think I would be interested since we do not know the reason song behind my elevated HR. I would just need to know a little bit more information. (b) (6) Sent from my iPhone On Jul 1, 2021, at 8:19 PM, Safavi, Farinaz (NIH/NINDS) [E] (b) (6) wrote: Autonomic testing includes tilt table test, qsweat and a couple of other noninvasive tests. Farinaz <F898216A7F634243A80DC195C8CB5C11.png> (b) (6) From: Sent: Thursday, July 1, 2021 8:18:21 PM (b) (6) To: Safavi, Farinaz (NIH/NINDS) [E] < Subject: Re: update Hi, What type of testing do you have in mind? Thanks (b) (6)

Sent from my iPhone

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On Jul 1, 2021, at 7:26 PM, Safavi, Farinaz (NIH/NINDS) [E]
```

Hi (b) (6)

Thank you very much for updating me.Actually we have been seeing some autonomic symptoms in patients post vaccine but the timeline in your case is very different since these symptoms usually starts in the course of afew weeks from vaccination.

If you are interested we can bring you back to NIH and perform formal autonomic testing and discuss other pissibilities.

please let me know.

### Farinaz

<672C26873C5445689FA43CFC2E6C22E8.png>

(b) (6) From: Sent: Tuesday, June 29, 2021 12:21:24 PM (b) (6) To: Safavi, Farinaz (NIH/NINDS) [E] < Subject: Re: update Hi, I hope you're doing well. In the last 4-5 weeks, I have been getting very dizzy, lightheaded and panicky out of nowhere for no reason. I also almost passed out at the wheel, several weeks (b) (6) ago. I went to see a cardiologist and I still continued to be symptomatic so he (b) (6) started me on has actually helped. Not eliminated, but better. Do you think this had anything to do with the covid vaccine? I'd like to know your thoughts on this. I never had any issues with (b) before. Thank you. (b) (6)

On Mon, May 17, 2021 at 7:44 PM Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:

Hi (b) (6)

My aplogies for delay respond. It has been a very busy afew weeks.

Please update me with your symptoms. I am hoping you feel much better by now.

Thanks

Farinaz

<A7560659551D4CD29BD95276F07595DF.png>

From: (b) (6)

Sent: Friday, April 30, 2021
12:07:01 AM
To: Safavi, Farinaz
(NIH/NINDS) [E]

(b) (6)

Subject: Re: update

Hi,
Sorry for the delayed

response.

My right arm is 95% better. My left arm is unchanged. I still have the pressure in my left upper arm and my left arm still feels very heavy. I have noticed a burning sensation to my right forearm. It feels like a sunburn, but it's not a sunburn. It's not red, no rash, no skin lesion, it just burns occasionally. It burns for a 5 minutes or so and then goes away. Probably occurs 1-2 times a day. Let me know if you have any questions. Thanks!!

Sent from my iPhone

(b) (6)

On Apr 27, 2021, at 8:26 PM, Safavi, Farinaz (NIH/NI NDS) [E] (b) (6)

Hi (b) (6)

How are you doing?

please let me know how are your symptoms.

Farinaz Safavi MD, PhD

Division of Neuroimmunology and Neurovirology

NINDS, NIH, Bethesda, MD

From: (b) (6)

Sent: Saturday, April 10, 2021 5:09 PM To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: update

Okay, thank you!

(b) (6)

Sent from my iPhone

On Apr 10, 2021, at 4:05 PM, Safavi, Farinaz (NIH/NINDS) [E] (b) (6) wrote:

Dear (b) (6)

Hope all is well.I went through (b) (6)

I will follow up about (b) (6) and let you know.

Best

Farinaz

Hi Farinaz. I am attaching The Who Scale Begin forwarded message: (b) (6) From: "Safavi, Farinaz (NIH/NINDS) [E]" < Subject: RE: Testing Date: August 4, 2021 at 7:44:41 AM PDT To: Thanks (b) (6) If you can get those records and email it to us that might be faster approach. For WHO scale, you just need to fill out the form I sent you. That gives us an idea your baseline scale. Thank you **Farinaz** (b) (6) From: Sent: Wednesday, August 4, 2021 10:42 AM To: Safavi, Farinaz (NIH/NINDS) [E] Subject: Re: Testing Good morning! I hand delivered the signed release to my neurologist office last week. I will call this morning to request a quick send-off to you. Still waiting for insurance approval of (b) (6) IN the meantime, I had (b) (6) I imagine it couldn't hurt. I hope you are well in the midst of so much going on around us. (b) (6) Sent from my iPhone (b) (6) wrote: On Aug 4, 2021, at 7:31 AM, Safavi, Farinaz (NIH/NINDS) [E] < Hi (b) (6) Hope all is ok! (b) (6) and WHO scaling yet. I have not received result of your Can you please update me? Thank you

(b) (6)

To:

From:

Sent:

Subject: WHO Scale
WHO scale post-COVID.docx
WHO scale post-COVID.docx

Safavi, Farinaz (NIH/NINDS) [E]

Fri 8/13/2021 7:08:24 PM (UTC-05:00)

From: (b) (6)

Sent: Wednesday, July 28, 2021 12:18 PM

To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Testing

Absolutely, I'll fill out paperwork. I requested my medical records be sent to you. Thank you for your willingness to confirm my treatment protocol. I know you work crazy long hours and I'm not sure how often you get a pat on the back for a job well-done, but I appreciate you and the hours you spend researching for answers to COVID vaccine injury.

Warmly, (b) (б)

Sent from my iPhone

On Jul 28, 2021, at 8:58 AM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:

Hi (b) (6)
(b) (6) emailed me and I completely agree with him regarding (b) (6). You are in good hands.

Can you please fill out attached file weekly before and after treatment to give us some idea how you are doing?

Thank you Farinaz

Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD

From: (b) (6)

Sent: Monday, July 26, 2021 8:04 PM To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Testing

What is your Fax number (required) for records? Although, I'm going to ask they be sent electronically.

Sent from my iPhone

On Jul 26, 2021, at 4:53 PM, (b) (6) wrote:

I just wrote him and gave him your email address.

## Sent from my iPhone

On Jul 26, 2021, at 4:50 PM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:

I am not sure I left my cell phone number though.It would be great you give him my email address. Thank you

Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD

From: (b) (6)

Sent: Monday, July 26, 2021 7:42 PM To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Testing

Absolutely, I will ask for the tests results to be emailed to you. It is strange to me that (b) (6) has not returned your call as he was highly interested in gaining your opinion on I will email him and provide him with your email.

Thank you, (b) (б)

On Jul 26, 2021, at 4:34 PM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:

Hi

I have not spoke or got email from him yet.

Can you do me a favor and send me

(b) (6)

We need to save it in our file.

Thank you

Farinaz

From: (b) (6)

Sent: Friday, July 23, 2021 2:31 PM
To: Safavi, Farinaz (NIH/NINDS) [E]
Subject: Re: Testing

Hello!! So, (b) (6) did not return your call?
Thank you for advocating for me and helping educate my community doctor.

Sent from my iPhone

From:

Warmly, (b) (б)

On Jul 23, 2021, at 6:45 AM, Safavi, Farinaz (NIH/NINDS) [E]

(b) (6) wrote:

Thank you for the update.I will be happy to discuss with him.Let see how things go with your insurance process.
Farinaz

Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD

(b) (6)

Sent: Tuesday, July 20, 2021 2:52 PM

To: Safavi, Farinaz (NIH/NINDS) [E] Subject: Re: Testing Hello. (b) (6) this morning and clarified my worsening symptoms. He (b) (6) has agree I told him you had called and left a message and that you were willing to discuss treatment to help me. He would like to talk with you and welcomes your input and recommendations on dosage etc. I feel hopeful for the first time in (b) (b) (b) are I hope you and able to connect. I also hope my insurance approves.

# Sent from my iPhone

On Jul 19, 2021, at 5:11 PM, (b) (6) wrote:

(b) (6) Thank you for trying to

reach him! I will send him your email contact through the patient portal and when I see him tomorrow morning I will tell him you tried to contact him this afternoon.

Thank you! (b) (6)

Sent from my iPhone

On Jul 19, 2021, at 2:33 PM, Safavi, Farinaz (NIH/NIND S) [E] (b) (6) wrote:

Thank you. I tried to call him but his MA did not respond the phone.Ple ase let him know and I will definietely speak with him. Just remind me about one thing, (b) (6)

Thank you

Farinaz Safavi MD, PhD Division of Neuroim munology and Neurovirol ogy NINDS, NIH, Bethesda, MD

Sent: Mon day, July 19, 2021 5:26 PM To: Safavi, Farinaz (NIH/NIND S) [E] Subject: R e: Testing

From:

Farinaz, I am seeing my neurologis t again tomorrow morning to update him on my symptoms . His name is (b) and his number is (b) (6) I will share your email with him and you have a signed ROI with my

permissio n to discuss my case.

THANK YOU!! (b) (6)

Sent from my iPhone

On Jul 19, 2021, at 9:09 AM, Safavi, Farinaz (NIH/NINDS) [E] (b) (6) wrote:

I would like to speak with your neurologist to see how we can help you. Can you send me his contact and share with him my email.

Thank you!

Best

Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD

From: (b) (6)

Sent: Monday, July 19, 2021 3:49 AM To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Testing

Thank you for responding. I feel like I'm running out of time and options at this (b) (6) mark post-vaccine. I think my neurologist would be willing to explore with a bit of encouragement. I am certain he would speak to you.

I know early treatment is essential. In your (off the record) opinion... do you think I'm too far out from my initial reaction or do you think I may benefit from (b)? I trust your opinion and your judgement.

(b) (6)

Sent from my iPhone

On Jul 18, 2021, at 7:56 PM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:

Hi (b) (6)

Thanks for the update.Research work takes time and I dont have any result from your samples vet. Ehats your neuroligist opinion about <sup>(b)</sup> (6)? I can speak with him if you think that may help. please let me know. Farinaz

Farinaz

<425E7D44381946D6827F2FA0F2E232CA.png>

From: (b) (6)

Sent: Friday, July 16, 2021 8:22:25 PM

To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Testing

Hello Farinaz,

To date, here is a list of my worsening symptoms: increased nerve pain in scalp, left thigh, left forearm, left hand. Internal tremor occurs more days than not. I feel this shakiness in my limbs, hands, and head. Increased muscle weakness and I

fatigue easily. I am no longer able to walk more than a 1/2 mile which is a significant decline from the 3-5 miles I was able to walk shortly up to about vaccine. Muscle twitching in both calves 24/7. L/R foot neuropathy. Left hand neuropathy and burning right hand fingertips. I continue to be severely constipated and am unable to have a bowel movement with the use of glycerin suppositories. This has remained the same (b) (6). Continued and constant facial paresthesia and burning lips. I am unable to withstand normal life stressors without my hands shaking and experiencing worsening brain fog. Intermittent bladder pain. Continued heat/cold intolerance. I am not able to ride my mountain bike or fly fish. I am not able to babysit my grandchildren alone due to lack of stamina. My daily life has been severely impacted by my physical limitations.

(b) (6)

In your opinion, would I benefit from (b)? My symptoms seem to be worsening. I am really scared by the downward turn.

Was there any indication of abnormalities in the blood I sent to NIH months ago?

My best to you, (b) (6)

On Jun 14, 2021, at 8:14 PM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:

Hi (b) (6)

Thank you very much for the update.I am out of office currently and will be back next week. Can you please send me the result of (b) (6)

Please update me with your symptoms? If your symptoms are still severe I can dprak with (b) (6) and share our understanding about this process.

**Best** 

Farinaz

<6355AF710D834536860FCA4D001DACAC.png>

From:	(b) (6)
Sent: Tuesday, June 15, 2021 2:49:23 AM To: Safavi, Farinaz (NIH/NINDS) [E] (b) (6)	
Subject: Re: Testing	
Hello Farinaz, I haven't wanted to bother you, but I wan follow-up on my blood work results to lea was an indication of abnormality or an are needs further follow-up. In an earlier em also mentioned other tests you were sugg	orn if there ea that ail, You
I hope you are doing well. Warmly, (b) (6)	
Sent from my iPhone	
On Apr 29, 2021, at 8:19 PM, Safavi, Farin (NIH/NINDS) [E] < (b) (6) wrote:	az
Hi (b) (6) Thank you very much for update.I completely agree with your neurologist and I believe you are in good hands.Unfortunately I can not bring no local patients easily due to COVID restriction but I can speak with and share our ubderstanding about yo symptoms with him.	n (6)
I also can send you list of tests that I am sending patients and your physician can check them.  If (b) (6) helps your symptoms I think you certainly should continue it.	
Please let me know if I can be any help Best	p.
Farinaz <086E01E723E44FE794462A76AEC331F6	nng
> (b) (6)	יאייפ

Sent: Thursday, April 29, 2021 11:09:56 PM To: Safavi, Farinaz (NIH/NINDS) [E] Subject: Testing Hello Farinaz, I saw my neurologist today he reviewed past and current symptoms, in addition to all blood work and test results and scans. (b) (6) told me his concerns related to my symptoms are Is this the testing protocol you recommend? Also, I received my blood box today and will have a draw on Monday and ship back to you overnight. I started (b) (6) . I've noticed a reduction of symptoms, but it doesn't last so (b) (6) Is there I may need to a benefit to having these tests performed at NIH? I'm open to your input. Thank you, (b) (6) Sent from my iPhone

<WHO scale post-COVID.docx>



Date				
Over the past 7 days, how much difficulty have you had with				
the following:				
Standing for long periods such as 30 minutes?				
Taking care of your household responsibilities?				
Learning a new task, e.g. learning how to get to a new place?				
Joining in community activities (e.g. festivities, religious, other)?				
Being emotionally affected by your health problems?				
Concentrating on doing something for ten minutes?				
Walking a long distance such as a kilometre (or equivalent)?				
Washing your whole body?				
Getting dressed?				
Dealing with people you do not know?				
Maintaining a friendship?				
Your day-to-day work/school?				
Total Score				

# Score:

- O No Difficulty1 Mild Difficulty2 Moderate Difficulty3 Severe Difficulty4 Extreme Difficulty or Cannot do

Sun 8/15/2021 3:04:38 PM (UTC-05:00) Sent: Subject: Re: WHO Scale Yes, I will fill it out weekly. Hope you are doing well, (b) (6) Sent from my iPhone On Aug 15, 2021, at 10:22 AM, Safavi, Farinaz (NIH/NINDS) [E] < wrote: Hi (b) (6) We received your medical records. Thank you for WHO scale. You just need to fill it out weekly. It would be great if you keep filling them out specially when you (b) (6) giving us the assess your improvement. Best **Farinaz** (b) (6) From: Sent: Friday, August 13, 2021 8:08 PM To: Safavi, Farinaz (NIH/NINDS) [E] Subject: WHO Scale Hi Farinaz, I am attaching The Who Scale Begin forwarded message: (b) (6) From: "Safavi, Farinaz (NIH/NINDS) [E]" < Subject: RE: Testing Date: August 4, 2021 at 7:44:41 AM PDT (b) (6) To: If you can get those records and email it to us that might be faster approach. For WHO scale, you just need to fill out the form I sent you. That gives us an idea your baseline scale. Thank you **Farinaz** (b) (6) From: Sent: Wednesday, August 4, 2021 10:42 AM

(b) (6)

To:

From:

Safavi, Farinaz (NIH/NINDS) [E]

To: Safavi, Farinaz (NIH/NINDS) [E]

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Thank you Farinaz

Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD

From: (b) (6)

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Subject: Re: Testing

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**Farinaz** 

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Subject: Re: Testing

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Warmly,

(b) (6)

Sent from my iPhone

On Jul 23, 2021, at 6:45 AM, Safavi, Farinaz (NIH/NINDS) [E] (b) (6)

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(NIH/NINDS) [E]

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I know early treatment is essential. In your (off the record) opinion... do you think I'm too far out from my initial reaction or do you think I may benefit from (b)? I trust your opinion and your judgement.

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Farinaz

**Farinaz** 

<425E7D44381946D6827F2FA0F2E232CA.png>
From:
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Subject: Re: Testing

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which is a significant decline from the 3-5 miles I was able to walk shortly up to about post vaccine. Muscle twitching in both calves 24/7. L/R foot neuropathy. Left hand neuropathy and burning right hand fingertips. I continue to be severely constipated and am unable to have a bowel movement with the use of glycerin suppositories. This has remained the same since (b) (6). Continued and constant facial paresthesia and burning lips. I am unable to withstand normal life stressors without my hands shaking and experiencing worsening brain fog. Intermittent bladder pain. Continued heat/cold intolerance. I am not able to ride my mountain bike or fly fish. I am not able to babysit my grandchildren alone due to lack of stamina. My daily life has been severely impacted by my physical limitations.

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In your opinion, would I benefit from symptoms seem to be worsening. I am really scared by the downward turn.

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**Best** 

### Farinaz

<6355AF710D834536860FCA4D001DACAC.p

From:

(b) (6)

Sent: Tuesday, June 15, 2021 2:49:23 AM To: Safavi, Farinaz (NIH/NINDS) [E]

(b) (6)

Subject: Re: Testing

Hello Farinaz,

I haven't wanted to bother you, but I wanted to follow-up on my blood work results to learn if there was an indication of abnormality or an area that needs further follow-up. In an earlier email, You also mentioned other tests you were suggesting.

I hope you are doing well. Warmly,

(b) (6)

Sent from my iPhone

On Apr 29, 2021, at 8:19 PM, Safavi, Farinaz (NIH/NINDS) [E] (b) (6) wrote:

Hi (b) (6)

Thank you very much for update.I completely agree with your neurologist and I believe you are in good hands.Unfortunately I can not bring non local patients easily due to COVID restriction but I can speak with (b) (6) and share our ubderstanding about your symptoms with him.

I also can send you list of tests that I am sending for patients and your physician can check them.

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it. Please let me know if I can be any help. Best
Farinaz
<086E01E723E44FE794462A76AEC331 F6.png> From: (b) (6)
Sent: Thursday, April 29, 2021 11:09:56 PM To: Safavi, Farinaz (NIH/NINDS) [E]
(b) (6) Subject: Testing
Hello Farinaz, I saw my neurologist today and he reviewed past and current symptoms, in addition to all blood work and test results and scans. (b) (6)
(b) (6) told me his concerns related to my symptoms are (b) (6)
this the testing protocol you recommend? Also, I received my blood box today and will have a draw on Monday and ship back to you overnight. I started (b) (6)
reduction of symptoms, but it doesn't last so I may need to (b) (6)  Is there a benefit to having these tests performed at NIH? I'm open to your input.
Thank you, (b) (6)

Sent from my iPhone

Absolutely, I will update you with results and current symptoms when test results vine back. Thank you so much! (b) (6) Sent from my iPhone On Jun 14, 2021, at 8:14 PM, Safavi, Farinaz (NIH/NINDS) [E] < wrote: (b) (6) Hi Thank you very much for the update. I am out of office currently and will be back next week. Can you please send me the result of (b) (6) and Please update me with your symptoms? If your symptoms are still severe I can dprak with share our understanding about this process. Best Farinaz (b)(6)From: Sent: Tuesday, June 15, 2021 2:49:23 AM (b)(6)To: Safavi, Farinaz (NIH/NINDS) [E] < Subject: Re: Testing Hello Farinaz, I haven't wanted to bother you, but I wanted to follow-up on my blood work results to learn if there was an indication of abnormality or an area that needs further follow-up. In an earlier email, You also mentioned other tests you were suggesting. I hope you are doing well. Warmly, (b) (6) Sent from my iPhone (b)(6)On Apr 29, 2021, at 8:19 PM, Safavi, Farinaz (NIH/NINDS) [E] < wrote: Thank you very much for update. I completely agree with your neurologist and I believe you are in good hands. Unfortunately I can not bring non local patients easily due to COVID restriction (b) (6) and share our ubderstanding about your symptoms with him. but I can speak with I also can send you list of tests that I am sending for patients and your physician can check them. (b) (6) helps your symptoms I think you certainly should continue it. Please let me know if I can be any help. Best

(b) (6)

To:

From: Sent:

Subject:

Re: Testing

Safavi, Farinaz (NIH/NINDS) [E][

Mon 6/14/2021 11:57:56 PM (UTC-05:00)

From: Sent: Thursday, April 29, 2021 11:09:56 PM (b) (6) To: Safavi, Farinaz (NIH/NINDS) [E] < Subject: Testing Hello Farinaz, I saw my neurologist today (b) (6) and he reviewed past and current symptoms, in addition to all blood work and test results and scans. (b) (6) told me his concerns related to my symptoms are (b) (6) Is this the testing protocol you recommend? Also, I received my blood box today and will have a draw on Monday and ship back to you overnight. I started (b) (6) I've noticed a reduction of symptoms, but it doesn't last so I may need to Is there a benefit to having these tests performed at NIH? I'm open to your input. Thank you, Sent from my iPhone

To: (b) (6)  From: Safavi, Farinaz (NIH/NINDS) [E][/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=94807CE146E045D4B61655DA26A0C246-(b) (6)  Sent: Mon 4/5/2021 5:54:41 PM (UTC-05:00)  Subject: Re: Referral from (b) (6) neurological vaccine reaction
Sorry it is a medical word. It means your symptoms are not somatoform disorder. They have organic causes and now getting better.
Farinaz
From: (b) (6)  Sent: Monday, April 5, 2021 6:53:04 PM  To: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6)  Subject: Re: Referral from (b) (6)  neurological vaccine reaction
Amanda is out of town this week and she said she will send it out next week when she gets back. You don't think my symptoms are functional? What do you mean by that? I am learning to stay busy and it helps keep my find off of things. Even tried sound healing yoga to chill out my nervous system!! Heck I will do anything at this point! Thanks for reaching out. Shows how compassionate you are.
Thanks
(b) (6)
Sent from my iPhone
On Apr 5, 2021, at 3:28 PM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:
I am so glad your symptoms have improved. It is a great news. I think however it may take time to recover completely, decrease in frequency of symptoms is a good sign. I really do not think your symptoms are functional. I forgot to ask you, have you received sample collection kit from us?  Farinaz
From:  Sent: Monday, April 5, 2021 5:08:43 PM  To: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6)  Subject: Re: Referral from (b) (6)  neurological vaccine reaction
My symptoms have improved since Friday! I am not having the tingling in my feet like I was. My flushing has improved. It feels like it's right underneath the skin but doesn't come to fruition! I am taking a  (b) (6)
I am having tingling in my right palm as I type this, but not like before. My fingers did fall asleep last night again, usually the ring and pinky finger.  I don't want to jinx my improvements because it's devastating when they come back. I wonder if it could be hormone related?!
(b) (6)

I have another neurologist appointment tomorrow morning. My first neuro guy didn't know what it was and that (b) (6) (6). Grrrrrr!
It's just weird how these symptoms seem to improve and then they reappear! Hopefully they will continue to improve!!!
Thanks
(b) (6)
Sent from my iPhone
On Apr 5, 2021, at 6:37 AM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:
Hi (b) (6) How are you doing?Can you update me with your current symptoms? I also wanted to know have you had Best
Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD
From:  Sent: Tuesday, March 30, 2021 7:39 PM  To: Safavi, Farinaz (NIH/NINDS) [E]  Subject: Re: Referral from  (b) (6)  neurological vaccine reaction
I tried reaching Amanda and it came back as an undeliverable address. Can you have her contact me?
Thanks
Sent from my iPhone
On Mar 30, 2021, at 1:09 PM, (b) (6) wrote:
I was waiting to hear from you guys. I just sent her an email and would love to get you a sample. My symptoms remain the same. Still feel like an overall burning sensation and my feet and fingertips still bug me. It seems so vascular.
Lots of praying on my side for some answers.
Thanks
(b) (6)
Sent from my iPhone

On Mar 30, 2021, at 10:18 AM, Safavi, Farinaz (NIH/NINDS) [E] (b) (6) wrote: Hi (b) (6) How is everything? Hope your symptoms have improved. Our research nurse did not receive any call from you for consent. Can you please contact her and schedule the consent which helps us to complete our paperwork.(her email address is I also think at this moment bringing you to NIH is not easily possible but if you give us the consent we can send you a kit and information to send us your serum sample. Please let me know if you have any questions/concerns Thank you **Farinaz** Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD (b) (6) From: Sent: Tuesday, March 23, 2021 11:28 PM To: Safavi, Farinaz (NIH/NINDS) [E] (b) (6) neurological Subject: Re: Potential SPAM:Re: Referral from vaccine reaction (b)(6)I started (b) (6) My (b) (6) My (b) (6) I was exposed to people with covid. I was tested 4 or 5 times when I was and I always came back negative. (b)(6)Do you have an email address or somewhere where I can send my records?! Thanks again for talking to me today. I am hoping and praying that I will recover and get back to my old ways!! (b) (6) Just so there isn't any confusion down the road! Thanks again (b) (6)

On Mar 23, 2021, at 6:05 PM, Safavi, Farinaz (NIH/NINDS) [E] (b) (6) wrote: (b) (6) I have afew queations for you. (b) (6) Can you tell me the exact dates you two more questions have you had or guess you may have COVID in last year? do you have any family memebers with autoimmune diseases? Thank you **Farinaz** <C76A02588DDD431EAF8BF19485CEA4EE.png> From: Sent: Tuesday, March 23, 2021 1:52:06 PM (b) (6) To: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) Subject: Re: Potential SPAM:Re: Referral from neurological vaccine reaction Hello I want to apologize about the confusion with the time zones. I had it at 1pm pacific standard time. I got on the meeting at 10:20 but it was too late. I have the day off from work and my kids arranged to do this meeting. Can we still do it? I am available anytime today and would love to talk to you. My (b) (6) and I will be refreshing my phone number is emails also. Thanks (b) (6) Sent from my iPhone

On Mar 23, 2021, at 10:26 AM, (b) (6) wrote:

I am trying now, please can we still do it? You said 1 and I thought that meant 1 my time

Sent from my iPhone

On Mar 23, 2021, at 10:12 AM, Safavi, Farinaz (NIH/NINDS) [E] (b) (6) wrote:

Hello (b) (6)

I and my NP joined to meet with you through MS teams at 1pm and unfortunately you did not join.Did the link work for you?If not we can reschedule.

Thanks

Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD

From: (b) (6)

**Sent:** Sunday, March 21, 2021 10:02

PM

**To:** Safavi, Farinaz (NIH/NINDS) [E] **Subject:** Potential SPAM:Re: Referral from (b) (6) neurological

vaccine reaction

Yes ma'am. Let me know how we proceed!!! Thank you!!!

Sent from my iPhone

On Mar 21, 2021, at 6:32 PM, Safavi, Farinaz (NIH/NINDS) [E]

(b) (6)

> wrote:

Hi (b) (6)

I am sorry to hear about your illness. We definitely can discuss your issues through televisit. I have availability on Tuesday. Does 1pm work for you? Please let me know

Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD

From: (b) (6)
Sent: Sunday, March
21, 2021 3:08 AM
To: Safavi, Farinaz
(NIH/NINDS) [E];
Wiebold, Amanda
(NIH/NINDS) [E]
Subject: Referral from
(b) (6)

neurological vaccine

reaction

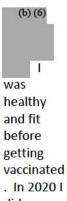
Hello! I was told to reach out to you and see if you could help me. My story is below. I currently live in (b) (6)



Thanks for your time!

My story:







On (b) (6) I got my first first and only Moderna shot in my left arm..No symptoms besides a sore arm for 2-3 days. On the 8th day I noticed some lymphade nopathy while I was at work. And then my neck started to feel hot. After that anytime I would eat

my entire body felt a hot/burni

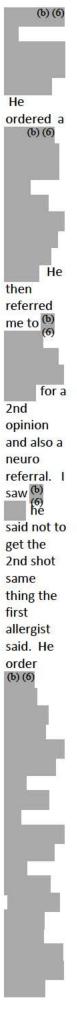
ng

sensation and accompan ied by a rash that would migrate. This came and went for about a week. And then on the 14th day, I noticed my feet felt tingly. I had just taken my kids to (b) (6) to play in the snow that morning and thought it had something to do with that. On the 15th day, (b) the tingling had gotten worse. It was now in both feet and ankles. It felt like icicles in my veins. I went to my primary and she insisted it couldn't be from the vaccine and prescribe me

(b)(6)

for the full body flushing. And gave me a referral to an allergist to give me a peace of mind that I could do the 2nd dose of vaccine. About an hour later it was worse so I went back the Dr but she said just to sent her pics via email. I told her my knees looked purple and the tingling was getting worse and traveling to my knees. She said if I was that concerned to go to the ER. I finished my day at the office and tried to go workout but it was persistent. I decided to go to (b) (6) They ran (b)







said I could help jump start the process and he ordered (b) (б) I got in with the nurse practioner at the primary. She ordered (b) (6)

remained

tingly and my muscles aches, random twitching and electrical impulses in my right quad and my upper right should/ba ck area was randomly numb/ting ly. I was exhausted and I lost 13 pounds in 2 weeks, hard to do when you are relatively healthy. My BP started to go down and stay around (b) ow the low blood pressure was a new thing. I became very vascular and complaine d of my veins hurting. I went to neuro. He ordered (b) (6)

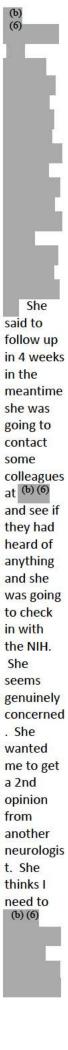




9 lbs but maintainin g that very well with a good diet, staying as low histamine as I can, most of the time. I went back to see my nurse practioner on Friday (b) (6) because my veins in my wrists were hurting, almost like they were going to explode. The moment I would raise my hand the blood wood rapidly disappear and my veins would sink in. I have videos of it happening . She denied me a vascular referral and prescribe me (b) (6) I filled

the prescripti on and

never took any. I did see a rheumatol ogist and she ordered a gamet of testing. She took me serious because she she also had numbness in her arm for an hour or two after her shot. (b) (6)



She

said that

way we

can rule

things out.

And so I

just got

approved

for that

on Friday

and I am

waiting

for them

to call me

back to

schedule.

My

current

symptoms

are

random

burning

sensations

in my

neck,

hands,

feet, and

face. My

tingling

has

subsided.

But I

notice if

my shoes

or socks

are too

tight it will

start

again. My

hands and

knuckles

will get

red and

feel like

they are

hot. I had

bad

headaches

, pulsing

around

my ears

but those

have

subsided.

My feet

feel like

they don't get good circulation and the color of them changes. My veins change all the time, Super vascular and then barely there and then will bring on different sensory feelings. My hands/fin gers fall asleep at night when I am sleeping and the tingling/ will also start in my feet when I lay down. My heels of my feet feel like they are burning as I type this! Му energy is better and I think my BP has stabled more, or I am just not taking it as much at this point. If I am texting on my

phone my fingers will tingle as if they are falling asleep. I used to get this cold feeling (icicles in my veins) in my forehead but that subsided and that feeling is now just randomly on the front side of my ankles. I don't seem to respond well to the cold.

I think that is all. I am sure I have left something out . But it has been a very busy ( since I had my first ER visit and the tests and bloodwor k started! It has been ( since my shot. I would say things have improved since the beginning, especially when it comes to

the

intensity.

Interested on hearing your thoughts!

Thanks

(b) (6)

(b)(6)To:

From: Safavi, Farinaz (NIH/NINDS) [E][/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=94807CE146E045D4B61655DA26A0C246-

Tue 4/13/2021 6:41:08 PM (UTC-05:00)

Subject: Re: Neurological symptoms post Pfizer COVID vaccine

(b)(6)

Thank you for sharing this with me.

I would like to emphasize on one point. Many neurological diseases can happen with specific incidence in population even without any known predisposition factor.

In scientific approach to these issues we need to compare the incidence of one disease for example before and after vaccination to say vaccine increases the chance of

I really do not believe so far we have that information or conclusion. Actually we see side effects but it doesnt mean it is much more than expected. So far it has not been.

Hope it helps

Farinaz

(b)(6)From:

Sent: Tuesday, April 13, 2021 5:06:25 PM

To: Safavi, Farinaz (NIH/NINDS) [E] < Subject: Re: Neurological symptoms post Pfizer COVID vaccine

Hello again Dr Safavi,

This is a long video, but I believe it will be of interest to you if you have time to watch it. I'm attempting to connect with this Dr who practices in a small community in my province. He has seen severe, debilitating neurological reactions in some of his patients after having had the Moderna vaccine and likely has some valuable information to provide for your study. His name is Dr Charles Hoffe and he practices in Lytton, BC.

https://m.youtube.com/watch?v=752EZogqucg&fbclid=IwAR06va4IpTHFASrjwVyFOslApnHEH0wE5MuZFSmfWFbgLcyVpPaAiyktio

(b)(6)

Sent from my iPhone

On Apr 13, 2021, at 12:59, Safavi, Farinaz (NIH/NINDS) [E] < wrote:

Thank you for the update. Is there any possibility you send us the original imagings? I cc Amanda to guide us through this possibility.

Best

**Farinaz** 

Farinaz Safavi MD. PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD

Sent: Tuesday, April 13, 2021 1:42 PM To: Safavi, Farinaz (NIH/NINDS) [E]

Good morning Dr Safavi,
I finally have a copy of the transcribed report of so will attach it.  I presented to the ER again two days ago with increasing numbness to my right foot and right leg, and was finally seen
in person by a neurologist. He has decided  . He reviewed  (b) (6)  (b) (6)
. He has ordered update you once I know more. Overall, I feel my concerns continue to be brushed off and it's incredibly frustrating.
Regards, (b) (6)
Sent from my iPhone
On Apr 5, 2021, at 11:04, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:
(b) (6) The reason that I wanted to speak with you was that if there is an objective evidence for (b) (6)
Of course I leave the decision to you. Best
Farinaz
<ab7521d3c6a14a92aee9e41803ddb9ed.png></ab7521d3c6a14a92aee9e41803ddb9ed.png>
From: (b) (6) Sent: Monday, April 5, 2021 1:55:15 PM
To: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6)  Subject: Re: Neurological symptoms post Pfizer COVID vaccine
Hi, I'll be traveling tomorrow so unfortunately will not be available for a meeting tomorrow. I will be back home Thursday afternoon, so the soonest I will be available is Friday morning.
(b) (6)
Sent from my iPhone
On Apr 5, 2021, at 08:50, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:
Sure, It takes us 14 days to get the records so that If you can get it from your family doctor that would be much faster. It would be great if you can try tomorrow and let me know. We may be able to meet around 4pm ET tomorrow? Does it work for you?

Subject: Re: Neurological symptoms post Pfizer COVID vaccine

Farinaz Safavi MD, PhD

From: (b) (6)

Sent: Monday, April 5, 2021 11:46 AM To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Neurological symptoms post Pfizer COVID vaccine

Hi Dr Safavi,

I would love to send it to you, but I don't have access to it. I may be able to request a copy from my family doctor, but her office does not reopen until tomorrow. In the consents that I signed and sent to Amanda, I did give permission to access results of my diagnostic tests, if that is helpful.

(b) (6)

Sent from my iPhone

On Apr 5, 2021, at 08:42, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:

Hi (b) (6)

Thank you for your email and information. I agree with that diagnosis. Can you send me your (b) (6) by any chance?

Thanks
Farinaz Safavi MD, PhD
Division of Neuroimmunology and Neurovirology
NINDS, NIH, Bethesda, MD

From: (b) (6)

Sent: Monday, April 5, 2021 11:35 AM To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Neurological symptoms post Pfizer COVID vaccine

Good morning Dr Safavi,

The episodes of numbness to my right hand, fingers, and arm are becoming more infrequent, but are still occurring. I still have difficulty using my right hand and fingers, to increasing degrees, because of the feeling of it taking increased effort to use my fingers and the feeling of heaviness and cramping in my fingers I described before. It's difficult to write or type for more than a couple of minutes at a time because of it. I've also had some issues with fine motor function of my fingers, such as screwing the backs on my earrings. I finally did have the (b) (6) . I'm so incredibly thankful that I was able to speak to you and you suggested that diagnosis, because I know I never would have been able to have it diagnosed if it wasn't for you.

I haven't noticed any paresthesias or neurological issues to any other areas of

my body (those seem to have resolved) besides to my right foot where I sometimes notice numbness (considerable at times) and pins and needles feelings, especially when laying still. It occasionally feels as if I have the same odd cramping sensation to my foot and toes that I have to my hands.

I am still awaiting an appointment with a neurologist, as I still have not seen one in person, and am still awaiting (b) (6)

I've been told that I may need be treated with (b) (6)

The radiologist who approved (b) (6)

Overall, I'm incredibly frustrated and disheartened with the lack of care and attention my condition has received from the medical professionals in my area. I'm so very appreciative that I was able to connect with you and you took the time to speak with me and assess me. Without you, I would have had no idea what was going on in my body.

(b) (6)

On Apr 5, 2021, at 06:33, Safavi, Farinaz (NIH/NINDS) [E] (b) (6) wrote:

Hi (b) (6)

Hope your symptoms have improved.

Can you please update me with your symptoms and test results you have done so far?

Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD

From: (b) (6)

Sent: Wednesday, March 24, 2021 3:27 PM

To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Neurological symptoms post Pfizer COVID vaccine

Hi Farinaz,

After writing the email to you yesterday, I decided to go into the ER for assessment. I have (b) (6) pending and the ER doctor did a phone consult with a neurologist from (b) (6). Thank you for your response

(b) (6)

Sent from my iPhone

On Mar 24, 2021, at 10:04, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:

Hi (b) (6)

I think the best approach in your case would be seeing a neurologist. I would be happy to get in touch with any physician to provide any further information.

**Farinaz** 

From: (b) (6)

**Sent:** Tuesday, March 23, 2021 3:30 PM **To:** Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Neurological symptoms post Pfizer

COVID vaccine

## Hello Farinaz,

I just wanted to thank you again for taking the time to speak with me and offer some suggestions as to what the source of my symptoms may be. My husband is also very grateful. It's been very reassuring to speak to you and it has put my mind much at ease. I have noticed a new symptom today and am wondering if you might be able to offer some clarity as to what this may mean. Please see the attached photos. I believe I may exhibiting what is known as Wartenberg's Sign in the fifth finger of my right hand. I am able to adduct the fifth finger towards the fourth, although it does require some effort. The position in the photo is where my fifth finger automatically goes to if my hand is relaxed. I have an included a photo of my left hand for comparison. I very much appreciate any information you can provide. Also, I should have some downtime this afternoon to be able to complete and submit the consent forms to Amanda.

Regards, (b) (6)

<3515F8BDB8C746D5BAB57CCE680D4F60.jpg> <3BC2BA49122A4D63A6A110812D81FE8A.jpg>

Sent from my iPhone

On Mar 23, 2021, at 07:43, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:

hi,give me afew minutes and i will send it again

## Farinaz

<7868991B08644CCCB2945A2D1384 D9B8.png>

From:

Sent: Tuesday, March 23, 2021

(b) (6)

10:25:23 AM

To: Safavi, Farinaz (NIH/NINDS) [E]

(b) (6)

Subject: Re: Neurological symptoms

post Pfizer COVID vaccine

Good morning Farinaz,
I have not received an invitation to
our Teams meetings this morning.
I'm not sure if maybe it got
misplaced in the mail somewhere?

Thanks, (b) (б)

Sent from my iPhone

On Mar 22, 2021, at 13:39, Safavi, Farinaz (NIH/NINDS) [E] (b) (6)

> wrote:

Thank you.Maybe you ask or GP to check for spike and capsid Abs.They can distinguish previous or vaccine related COVID. Our nurse will contact you as soon as she can for paperwork.Thanks for your fast response.

**Farinaz** 

From: (b) (6)

Sent: Monday, March
22, 2021 4:37 PM

To: Safavi, Farinaz
(NIH/NINDS) [E]
Subject: Re:
Neurological symptoms
post Pfizer COVID
vaccine

Hello Farinaz, I did have some symptoms last March that started two weeks after returning from Mexico that I wasn't tested for. I had an odd burning sensation in my chest and an infrequent dry cough that persisted intermittently for about 2 days. I was afebrile and had no other symptoms. Our daily cab driver in Mexico had taken a day off because of a "bad flu". I have no past history of medical conditions, besides (6) The only medication I do take is . The only autoimmune disease I'm aware of in my family is (b) (6)

Sent from my iPhone

On Mar 22, 2021, at 12:41, Safavi, Farinaz (NIH/NIND S) [E]



Hi (b) (6) I have two questions for you. Do you think you ever had **COVID** in the course of last year? Do you have any family member with autoimmu ne or inflammat ory diseases? **Any Past** medical Hx or medicatio n? Thank you

Farinaz
Safavi MD,
PhD
Division of
Neuroim
munology
and
Neurovirol
ogy
NINDS,
NIH,
Bethesda,
MD

From:
(b) (6)

Sent:
Monday,
March 22,
2021

12:05 PM
To: Safavi,
Farinaz
(NIH/NIND
S) [E]
Subject:
Re:
Neurologi
cal
symptoms
post Pfizer
COVID
vaccine

Hi Farinaz, I'm so sorry. I'm having an issue with my wifi this morning and am unable to log into the Teams meeting. ľm attemptin g to connect using my phone's data plan, but that also isn't working. ľm attemptin g to resolve this issue and hopefully will be able to quickly.

(b) (6)

Sent from my iPhone

Hi (b) (6)

I am sorry to hear about your illness. I would be happy to speak with you through televisit and discuss your issues. Does Monday 11am or 12noon ET work for you? Best Farinaz

<94EBE1012C554021AC219AAFF0FC888F.png>

## Farinaz

Sent: Thursday, March 18, 2021 3:48:26 AM (b) (6) To: Safavi, Farinaz (NIH/NINDS) [E] < Subject: Neurological symptoms post Pfizer COVID vaccine Hello Farinaz, (b) (6) who I have I was referred to you by been in correspondence with since yesterday. The following is my story: (b) (6) from (b) (6) I am a am a healthy, very active . I received my first dose of the Pfizer COVID vaccine, administered to the left deltoid, (b) (6) . Early (b) (6) morning I woke with numbness to my left shin and right hand. When I woke later that morning, these symptoms remained. Throughout the day I developed paresthesia to all four extremities and the right side of my face, along the trigeminal nerve pathway. Along with this paresthesia, which was intermittently worse in one limb vs another, I developed traveling intermittent sensations of coldness, as if someone was suddenly splashing me with cold water. I also experienced intermittent, traveling prickly electrical sensations. The next day the paresthesia persisted, but with less intensity and seemed to be affecting mainly the right side of my face and right arm and hand. That day, I had intermittent sensations of burning heat, most prominent to the right side of my (b) (6) I'm experiencing face. Today, slight paresthesia to my left shin and a feeling of heaviness/numbness to my right arm and hand with cramping of my right hand, which requires increased effort to use as I normally would. The paresthesia to the right side of my face remains, but the sensation seems to be changing to a neuropathy instead. I feel as if I've been punched incredibly hard in my cheek. I also have intermittent sharp pains to the sides of my fingers, my hand, along the radial and ulnar nerves, and to my upper arm. Fortunately, I am still mostly functional and able to carry on with my normal activities without issues, beside the hand cramping. My fear is what this may progress to in the future. Being Canadian, I have incredibly limited access to any specialized care, and will never be able to be assessed by a neurologist. I've had a phone appointment with a GP, another with my own, and was seen by my own GP in person today. My neurological exam was normal besides the ongoing

Thank you for taking the time to review my story. Please let me know if I can assist your study in any way.

Regards, (b) (6)

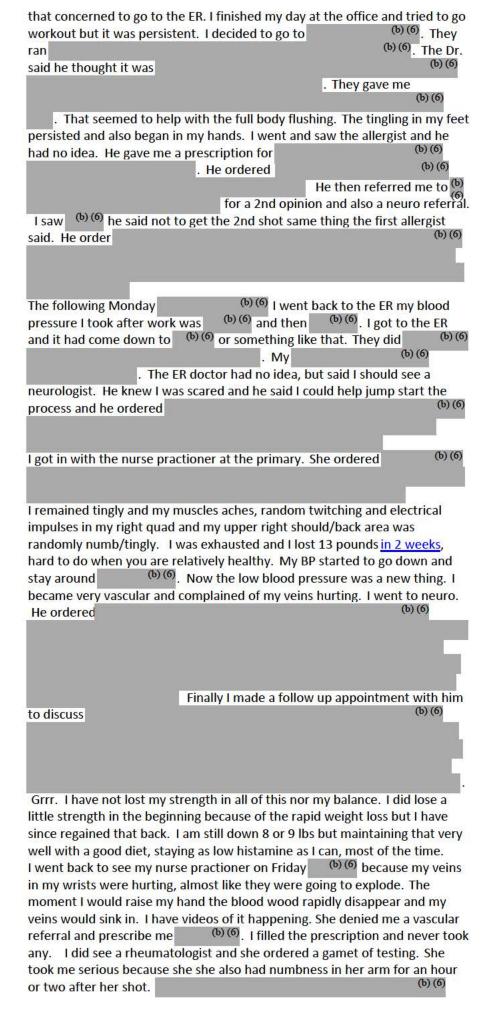
To: (b) (6)  From: Safavi, Farinaz (NIH/NINDS) [E][/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=94807CE146E045D4B61655DA26A0C246-(b) (6)  Sent: Tue 3/23/2021 1:20:24 PM (UTC-05:00)  Subject: Re: Potential SPAM:Re: Referral from (b) (6)  Hi (b) (6) How about we meet at 2:40pm ET?  Farinaz	
From: (b) (6)  Sent: Tuesday, March 23, 2021 1:52:06 PM  To: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6)  Subject: Re: Potential SPAM:Re: Referral from (b) (6)  neurological vaccine reaction	
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Hello (b) (6) I and my NP joined to meet with you through MS teams at 1pm and unfortunately you did not join.Did the link work for you?If not we can reschedule. Thanks	
Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD	

From: (b) (6)

Sent: Sunday, March 21, 2021 10:02 PM
To: Safavi, Farinaz (NIH/NINDS) [E]

(b) (6) neurological vaccine reaction Subject: Potential SPAM:Re: Referral from Yes ma'am. Let me know how we proceed!!! Thank you!!! Sent from my iPhone (b) (6) On Mar 21, 2021, at 6:32 PM, Safavi, Farinaz (NIH/NINDS) [E] < wrote: Hi (b) (6) I am sorry to hear about your illness. We definitely can discuss your issues through televisit. I have availability on Tuesday. Does 1pm work for you? Please let me know Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD (b) (6) From: Sent: Sunday, March 21, 2021 3:08 AM To: Safavi, Farinaz (NIH/NINDS) [E]; Wiebold, Amanda (NIH/NINDS) [E] (b) (6) neurological vaccine reaction Subject: Referral from Hello! I was told to reach out to you and see if you could help me. My story is below. I currently live in phone number is Thanks for your time! My story: (b) (6) I am a I am a . I was healthy and fit before getting vaccinated. In 2020 I did (b) (6) I got my first first and only Moderna shot in my left arm..No symptoms besides a sore arm for 2-3 days. On the 8th day I noticed some lymphadenopathy while I was at work. And then my neck started to feel hot. After that anytime I would eat my entire body felt a hot/burning sensation and accompanied by a rash that would migrate. This came and went for about a week. And then on the 14th day, I noticed my feet felt tingly. I had just taken my kids to (b) (6) to play in the snow that morning and thought it had something to do with that. On the 15th day, (b) (6) the tingling had gotten worse. It was now in both feet and ankles. It felt like icicles in my veins. I went to my primary and she insisted it couldn't be from the vaccine (b) (6) for the full body flushing. And gave me a and prescribe me referral to an allergist to give me a peace of mind that I could do the 2nd dose of vaccine. About an hour later it was worse so I went back the Dr but she said just to sent her pics via email. I told her my knees looked purple and

the tingling was getting worse and traveling to my knees. She said if I was



. She said to follow up in 4 weeks in the meantime she was going to contact some colleagues at (b) (6) and see if they had heard of anything and she was going to check in with the

from another neurologist. She thinks I need to

She said that way we can rule things out. And so I just got approved for that on Friday and I am waiting for them to call me back to schedule.

NIH. She seems genuinely concerned. She wanted me to get a 2nd opinion

My current symptoms are random burning sensations in my neck, hands, feet, and face. My tingling has subsided. But I notice if my shoes or socks are too tight it will start again. My hands and knuckles will get red and feel like they are hot. I had bad headaches, pulsing around my ears but those have subsided. My feet feel like they don't get good circulation and the color of them changes. My veins change all the time, Super vascular and then barely there and then will bring on different sensory feelings. My hands/fingers fall asleep at night when I am sleeping and the tingling/ will also start in my feet when I lay down. My heels of my feet feel like they are burning as I type this! My energy is better and I think my BP has stabled more, or I am just not taking it as much at this point. If I am texting on my phone my fingers will tingle as if they are falling asleep. I used to get this cold feeling (icicles in my veins) in my forehead but that subsided and that feeling is now just randomly on the front side of my ankles. I don't seem to respond well to the cold.

I think that is all. I am sure I have left something out. But it has been a very busy busy since I had my first ER visit and the tests and bloodwork started! It has been beginning, especially when it comes to the intensity.

Interested on hearing your thoughts!

**Thanks** 

(b) (6)

To: Cc:	(b) (6) Wiebold, Amanda (NIH/NINDS) [E]  (b) (6)					
From: (FYDIBO						
Sent: Subject:	Wed 3/24/2021 6:48:05 AM (UTC-05:00)  Re: Potential SPAM:Re: Referral from (b) (6) neurological vaccine reaction					
-						
Thank you very much I cc our research nurse (Amanda) to send you the medical record release form and the link.						
I will keep you in the loop as soon as I know how we want to proceed.  Best						
Farinaz						
From:	(b) (6)					
Sent: Tue	esday, March 23, 2021 11:27:57 PM					
	ri, Farinaz (NIH/NINDS) [E] < (b) (6)  Re: Potential SPAM:Re: Referral from (b) (6) neurological vaccine reaction					
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two more questions

have you had or guess you may have COVID in last year? do you have any family members with autoimmune diseases?

Thank you

**Farinaz** 

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prescribe me

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worse so I went back the Dr but she said just to sent her pics via
email. I told her my knees looked purple and the tingling was
getting worse and traveling to my knees. She said if I was that
concerned to go to the ER. I finished my day at the office and
tried to go workout but it was persistent. I decided to go to
(b) (6) . They ran
. The Dr. said he thought (b) (6)
They gave me
(b) (6)
That seemed to help with the full body flushing.
The tingling in my feet persisted and also began in my hands. I
went and saw the allergist and he had no idea. He gave me a
prescription for (b) (6)
. He ordered (b) (6)
. He ordered
me to He then referred for a 2nd opinion
and also a neuro referral. I saw (b) (6) he said not to get the
2nd shot same thing the first allergist said. He order (b) (6)
The following Monday (b) (6) I went back to the EF
my blood pressure I took after work was (b) (6) and then
(b) (6). I got to the ER and it had come down to (b) (6) or
something like that. They did (b) (6)
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me a referral to an allergist to give me a peace of mind that I

(b) (6) Grrr. I have not lost my strength in all of this nor my balance. I did lose a little strength in the beginning because of the rapid weight loss but I have since regained that back. I am still down 8 or 9 lbs but maintaining that very well with a good diet, staying as low histamine as I can, most of the time. I went back to see my nurse practioner on Friday because my veins in my wrists were hurting, almost like they were going to explode. The moment I would raise my hand the blood wood rapidly disappear and my veins would sink in. I have videos of it happening. She denied me a vascular referral and prescribe me gabapentin. I filled the prescription and never took any. I did see a rheumatologist and she ordered a gamet of testing. She took me serious because she she also had numbness in her arm for an hour or two after her shot. She said to follow up in 4 weeks in the meantime she was going to contact some colleagues at (b) (6) and see if they had heard of anything and she was going to check in with the NIH. She seems genuinely concerned. She wanted me to get a 2nd opinion from another (b)(6)neurologist. She thinks I need She said that way we can rule things out. And so I just got approved for that

on Friday and I am waiting for them to call me back to schedule.

My current symptoms are random burning sensations in my neck, hands, feet, and face. My tingling has subsided. But I notice if my shoes or socks are too tight it will start again. My hands and knuckles will get red and feel like they are hot. I had bad headaches, pulsing around my ears but those have subsided. My feet feel like they don't get good circulation and the color of them changes. My veins change all the time, Super vascular and then barely there and then will bring on different sensory feelings. My hands/fingers fall asleep at night when I am sleeping and the tingling/ will also start in my feet when I lay down. My heels of my feet feel like they are burning as I type this! My energy is better and I think my BP has stabled more, or I am just not taking it as much at this point. If I am texting on my phone my fingers will tingle as if they are falling asleep. I used to get this cold feeling (icicles in my veins) in my forehead but that subsided and that feeling is now just randomly on the front side of my ankles. I don't seem to respond well to the cold.

I think that is all. I am sure I have left something out. But it has (b) (6) since I had my first ER visit and the been a very busy tests and bloodwork started! It has been (b) (6) since my shot. I would say things have improved since the beginning, especially when it comes to the intensity.

Interested on hearing your thoughts!

Thanks



(b) (6) To: From: Safavi, Farinaz (NIH/NINDS) [E][/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=94807CE146E045D4B61655DA26A0C246-Sent: Mon 7/26/2021 7:06:56 PM (UTC-05:00) Subject: RE: Testing Here is Amanda FAX number Fax: 301-408-5594 Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD (b) (6) From: Sent: Monday, July 26, 2021 8:04 PM To: Safavi, Farinaz (NIH/NINDS) [E] Subject: Re: Testing What is your Fax number (required) for records? Although, I'm going to ask they be sent electronically. Sent from my iPhone (b) (6) wrote: On Jul 26, 2021, at 4:53 PM, I just wrote him and gave him your email address. Thank you for trying to help me. (b) (6) Sent from my iPhone (b) (6) wrote: On Jul 26, 2021, at 4:50 PM, Safavi, Farinaz (NIH/NINDS) [E] < I am not sure I left my cell phone number though. It would be great you give him my email address. Thank you Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD (b) (6) From: Sent: Monday, July 26, 2021 7:42 PM

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Subject: Re: Testing

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I am seeing my neurologist again tomorrow

REL0000230825

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THANK YOU!! (b) (6)

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I know early treatment is essential. In your (off the record) opinion... do you think I'm too far out from my initial reaction or do you think I may benefit from (b)? I trust your opinion and your judgement.

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#### Farinaz

<425E7D44381946D68 27F2FA0F2E232CA.png

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Sent: Friday, July 16, 2021 8:22:25 PM To: Safavi, Farinaz (NIH/NINDS) [E]

> Subject: Re: Testing

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(b) (6)

limitations.

In your opinion, would I benefit from (b)?
My symptoms seem to be worsening. I am really scared by the downward turn.
Was there any indication of abnormalities in the blood I sent to NIH months ago?

My best to you, (b) (6)

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Please update me with your symptom s? If your symptom s aee still severe I can dprak with (b) (6) and share our understa nding about this

### Farinaz

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<6355AF7 10D83453 6860FCA4 D001DAC AC.png> From: (b)

(6)

Sent: Tues day, June 15, 2021 2:49:23 AM To: Safavi, Farinaz (NIH/NIND S) [E] (b) (6)

Subject: R e: Testing

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Warmly, (b) (6)

Sent from my iPhone

On Apr 29, 2021, at 8:19 PM, Safavi, Farinaz (NIH/NINDS) [E] (b) (6) wrote:

(b) (6) Hi

Thank you very much for update.I completely agree with your neurologist and I believe you are in good hands. Unfortunately I can not bring non local patients easily (b) (6) and due to COVID restriction but I can speak with share our ubderstanding about your symptoms with him. (b)

also can send you list of tests that I am sending for patients and your physician can check them.

(b) (6) helps your symptoms I think you certainly If should continue it.

Please let me know if I can be any help.

**Best** 

Farinaz

<086E01E723E44FE794462A76AEC331F6.png> From: Sent: Thursday, April 29, 2021 11:09:56 PM (b) (6) To: Safavi, Farinaz (NIH/NINDS) [E] < Subject: Testing Hello Farinaz, (b) (6) and he reviewed past and I saw my neurologist today current symptoms, in addition to all blood work and test results and scans. (b) (6) told me his concerns related to my symptoms are . Is this the testing protocol you recommend? Also, I received my blood box today and will have a draw on Monday and ship back to you overnight. I (b) (6) I've noticed a reduction of symptoms, but it doesn't last so I may need to . Is there a benefit to having these tests performed at NIH? I'm open to your input. Thank you, Sent from my iPhone

o: rom: FYDIBC ent: subject:	Safavi, Farinaz (NIH/NINDS) [E][/ PHF23SPDLT)/CN=RECIPIENTS/CI Wed 7/28/2021 11:27:08 AM (UT Re: Testing					
Thank you very much $^{(b)(6)}$ for kind words. I hope we also can publish our findings soon to help more patients with immune mediated neurological complication similar to you.						
Best						
Farina	Z					
To: Safa Subject Absolut	/ednesday, July 28, 2021 12:17:47 avi, Farinaz (NIH/NINDS) [E] < :: Re: Testing :ely, I'll fill out paperwork. I request	(b) (6) ted my medical records be sent to	you. Thank you for your willingness to confirm my often you get a pat on the back for a job well-done,			
	preciate you and the hours you sp					
(b) (6)						
Sent fro	om my iPhone					
(	On Jul 28, 2021, at 8:58 AM, Safavi,	Farinaz (NIH/NINDS) [E] <	(b) (6) wrote:			
(	The second control of	tely agree with him regarding weekly before and after treatmen	(b) (6). You are in good hands. t to give us some idea how you are doing?			
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Hi

I have not spoke or got email from him yet.

Can you do me a favor and send me your skin biopsy and autonomic testing reports?

We need to save it in our file.

Thank you

**Farinaz** 

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Sent: Frid
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8:22:25
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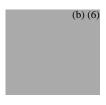
Intermitte nt bladder

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<WHO scale post-COVID.docx>

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Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD

From: (b) (6)

Sent: Monday, July 19, 2021 3:49 AM To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Testing

Thank you for responding. I feel like I'm running out of time and options at this (b) (6) mark post-vaccine. I think my neurologist would be willing to explore (b) with a bit of encouragement. I am certain he would speak to you.

I know early treatment is essential. In your (off the record) opinion... do you think I'm too far out from my initial reaction or do you think I may benefit from (b)? I trust your

opinion and your judgement.

(b) (6)

Sent from my iPhone

On Jul 18, 2021, at 7:56 PM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) > wrote:

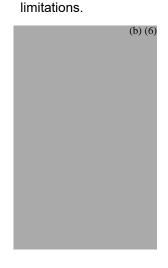
Hi (b) (6)
Thanks for the update.Research work takes time and I dont have any result from your samples yet.
Ehats your neuroligist opinion about (b) (6)? I can speak with him if you think that may help. please let me know. Farinaz

## Farinaz

Hello Farinaz,

To date, here is a list of my worsening sympto ms: increased nerve pain in scalp, left thigh, left forearm, left hand. Internal tremor occurs more days than not. I feel this shakiness in

my limbs, hands, and head. Increased muscle weakness and I fatigue easily. I am no longer able to walk more than a 1/2 mile which is a significant decline from the 3-5 miles I was able to walk shortly up to (b) (6) post about vaccine. Muscle twitching in both calves 24/7. L/R foot neuropathy. Left hand neuropathy and burning right hand fingertips. I continue to be severely constipated and am unable to have a bowel movement with the use of glycerin suppositories. This has remained the same (b) (6) since Continued and constant facial paresthesia and burning lips. I am unable to withstand normal life stressors without my hands shaking and experiencing worsening brain fog. Intermittent bladder pain. Continued heat/cold intolerance. I am not able to ride my mountain bike or fly fish. I am not able to babysit my grandchildren alone due to lack of stamina. My daily life has been severely impacted by my physical



(ъ) (б)

In your opinion, would I benefit from (b)?

My symptoms seem to be worsening. I am really scared by the downward turn.

Was there any indication of abnormalities in the blood I sent to NIH months ago?

My best to you, (b) (6)

> On Jun 14, 2021, at 8:14 PM, Safavi, Farinaz (NIH/NIND S) [E] (b) (6)

Hi (b) (6) Thank you very much for the update.l am out of office currently and will be back next week. Can you please send me the result of (b) (6) Please update me with

your
symptom
s? If your
symptom
s aee still
severe I
can
dprak
with
(b) (6)
and
share our
understa
nding
about this

## Farinaz

process. Best

<6355AF7 10D83453 6860FCA4 D001DAC AC.png> From: (b) (6)



Sent: Tues day, June 15, 2021 2:49:23 AM To: Safavi, Farinaz (NIH/NIND S) [E] (b) (6)



Hello
Farinaz,
I haven't
wanted to
bother
you, but I
wanted to
follow-up
on my
blood
work
results to
learn if

there was an indication of abnormali ty or an area that needs further follow-up. In an earlier email, You also mentione d other tests you were suggesting (6)

I hope you are doing well. Warmly, (b) (6)

Sent from my iPhone

On Apr 29, 2021, at 8:19 PM, Safavi, Farinaz (NIH/NINDS) [E] (b) (6) wrote:

Hi (b) (6)

Thank you very much for update.I completely agree with your neurologist and I believe you are in good hands.Unfortunately I can not bring non local patients easily due to COVID restriction but I can speak with share our ubderstanding about your symptoms with him.

also can send you list of tests that I am sending for patients and your physician can check them.

If (b) (6) helps your symptoms I think you certainly should continue it.

Farinaz	
<086E01E723E44FE794462A76AEC331F6.png> From: (b) (6)	
TIOIII.	
Sent: Thursday, April 29, 2021 11:09:56 PM	(b) (6)
To: Safavi, Farinaz (NIH/NINDS) [E] <	3.4.6.5
Subject: Testing	
Hello Farinaz,	
	eviewed past and
current symptoms, in addition to all blood work	
and scans.	(b) (6)
	i i
(b) (6) told me his concerns related to my syn	nptoms are
	(b) (6)
Is	this the testing
protocol you recommend? Also, I received my bl	ood box today
and will have a draw on Monday and ship back to	o you overnight.
started (b) (6) . I've no	
reduction of symptoms, but it doesn't last so I m	ay need to (b)
. Is there a benefit to having the	ese tests
performed at NIH? I'm open to your input.	
Thank you,	
(b) (6)	
· · · · · · · · · · · · · · · · · · ·	
Sent from my iPhone	

Please let me know if I can be any help.

Date				
Over the past 7 days, how much difficulty have you had with				
the following:				
Standing for long periods such as 30 minutes?				
Taking care of your household responsibilities?				
Learning a new task, e.g. learning how to get to a new place?				
Joining in community activities (e.g. festivities, religious, other)?				
Being emotionally affected by your health problems?				
Concentrating on doing something for ten minutes?				
Walking a long distance such as a kilometre (or equivalent)?				
Washing your whole body?				
Getting dressed?				
Dealing with people you do not know?				
Maintaining a friendship?				
Your day-to-day work/school?				
Total Score				

## Score:

- O No Difficulty1 Mild Difficulty2 Moderate Difficulty3 Severe Difficulty4 Extreme Difficulty or Cannot do

To: Cc: From: (FYDIBOR Sent: Subject:	(b) (6)  Nath, Avindra (NIH/NINDS) [E]   Safavi, Farinaz (NIH/NINDS) [E][/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP HF23SPDLT)/CN=RECIPIENTS/CN=94807CE146E045D4B61655DA26A0C246-  Wed 9/1/2021 8:52:36 PM (UTC-05:00)  Fwd: WHO Scale
Dear (	0) (6)
	y about 6) 6 denial by insurance.  ately there is no clinical trial to confirm the efficacy of 6) 6.
experience	(b) (6) can be an alternative treatment to be discussed with your neurologist. I would be happy to share our ce with him if needed.
I cc Dr.N	Tath in this email for further comment.
Hope it h	nelps.
Farinaz	
To: Safa	esday, August 31, 2021, 9:01 PM vi, Farinaz (NIH/NINDS) [E] Re: WHO Scale
I receive	nope you are well. :) d notice today that my insurance company denied on provided by your doctor does not meet (b) (6) because "it does not meet medical necessity." Further, "The guideline." "There is not enough support for (b) (6) (6) (6) (7) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7
	d by the FDA."
	real and can choose someone to represent me. Is this something you are able to do since this is a treatment utilized IH? The more time that goes on the less hope I have to be healed.
Thank yo	ou,
Sent from	n my iPhone
C	on Aug 15, 2021, at 10:22 AM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:
k	(b) (6) (7) (6) (7) (6) (8) (9) (9) (9) (9) (9) (9) (9) (9) (9) (9
Fa	arinaz

Sent: Friday, August 13, 2021 8:08 PM  To: Safavi, Farinaz (NIH/NINDS) [E]  Subject: WHO Scale
Hi Farinaz,
I am attaching The Who Scale
Begin forwarded message:
From: "Safavi, Farinaz (NIH/NINDS) [E]" < (b) (6) Subject: RE: Testing Date: August 4, 2021 at 7:44:41 AM PDT To: (b) (6)
Thanks (b) (6) If you can get those records and email it to us that might be faster approach. For WHO scale, you just need to flll out the form I sent you. That gives us an idea your baseline scale. Thank you
Farinaz
From: (b) (6)  Sont: Wednesday August 4, 2021 10:43 AM
Sent: Wednesday, August 4, 2021 10:42 AM  To: Safavi, Farinaz (NIH/NINDS) [E]  Subject: Re: Testing
Good morning! I hand delivered the signed release to my neurologist office last week. I will call this morning to request a quick send-off to you.
Still waiting for insurance approval of (b). IN the meantime, I had (b) (6)  I imagine it couldn't hurt.
I hope you are well in the midst of so much going on around us.
(b) (6)
Sent from my iPhone
On Aug 4, 2021, at 7:31 AM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:
Hi (b) (6) Hope all is ok! I have not received result of (b) (6) Can you please update me? Thank you

From: (b) (6)

From: (b) (6)

Sent: Wednesday, July 28, 2021 12:18 PM

To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Testing

Absolutely, I'll fill out paperwork. I requested my medical records be sent to you. Thank you for your willingness to confirm my treatment protocol. I know you work crazy long hours and I'm not sure how often you get a pat on the back for a job well-done, but I appreciate you and the hours you spend researching for answers to COVID vaccine injury.

Warmly,

(b) (6)

Sent from my iPhone

On Jul 28, 2021, at 8:58 AM, Safavi, Farinaz (NIH/NINDS) [E] (b) (6) wrote:

Hi (b) (6)
(b) (6) emailed me and I completely agree with him regarding (6)
.You are in good hands.

Can you please fill out attached file weekly before and after treatment to give us some idea how you are doing?

Thank you Farinaz

Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD

From: (b) (6)

Sent: Monday, July 26, 2021 8:04 PM To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Testing

What is your Fax number (required) for records? Although, I'm going to ask they be sent electronically.

Sent from my iPhone

(b) (6)

(b) (6) wrote: I just wrote him and gave him your email address. Thank you for trying to help me. (b) (6) Sent from my iPhone On Jul 26, 2021, at 4:50 PM, Safavi, Farinaz (b) (6) wrote: (NIH/NINDS) [E] < I am not sure I left my cell phone number though.It would be great you give him my email address. Thank you Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD (b) (6) From: Sent: Monday, July 26, 2021 7:42 PM To: Safavi, Farinaz (NIH/NINDS) [E] Subject: Re: Testing Absolutely, I will ask for the tests results to be emailed to you. It is strange to me that has not returned your call as he was highly interested in gaining your opinion on I will email him and provide him with your email. Thank you, (b) (6) On Jul 26, 2021, at 4:34 PM, Safavi, Farinaz (NIH/NINDS) [E] (b) (6) wrote: Hi I have not spoke or got email from

him yet. Can you do me a favor and send me your We need to save it in our file.

Thank you

Farinaz

From: (b) (6)

Sent: Friday, July 23, 2021 2:31 PM To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Testing

Hello!! So, (b) (6) did not return your call?

Thank you for advocating for me and helping educate my community doctor.

Warmly,

(b) (6)

Sent from my iPhone

On Jul 23, 2021, at 6:45 AM, Safavi, Farinaz (NIH/NINDS) [E]

(b) (6)

> wrote:

Thank you for the update.I will be happy to discuss with him.Let see how things go with your insurance process. Farinaz

Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD

From: (b) (6)

Sent: Tuesday, July 20,

2021 2:52 PM **To:** Safavi, Farinaz
(NIH/NINDS) [E]

Subject: Re: Testing

Hello. Isaw

(b) (6) this morning and clarified my worsening symptoms. He has (b) (6) agreed

I told him you had called and left a message and that you were willing to discuss treatment to help me. He would like to talk with you and welcomes your input and recommendations on dosage etc. I feel hopeful for the first (b) (6) time in (b) (6) hope you and are able to connect. I also hope my insurance approves.

(b) (6)

Sent from my iPhone

On Jul 19, 2021, at 5:11 PM, (b) (6)

(b) (6)

wrote:

Thank you for trying to reach him! I will send him your email contact through the

patient
portal and
when I see
him
tomorrow
morning I
will tell
him you
tried to
contact
him this
afternoon.

Thank you!

Sent from my iPhone

On Jul 19, 2021, at 2:33 PM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:

Thank you.

I tried to call him but his MA did not respond the phone. Please let him know and I will definietely speak with him.

Just remind me about one thing,

(b) (6)

Thank you

Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD

From: (b) (6)

Sent: Monday, July 19, 2021 5:26 PM To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Testing

Farinaz,

I am seeing my neurologist again tomorrow morning to update him on my symptoms. His name is (b) (6) and his number is (b) (6) I will share your email with him and you have a signed ROI with my permission to discuss my case.

#### THANK YOU!!



Sent from my iPhone

On Jul 19, 2021, at 9:09 AM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:

(b) (6)

I would like to speak with your neurologist to see how we can help you. Can you send me his contact and share with him my email.

Thank you!

Best

Farinaz Safavi MD, PhD Division of Neuroimmunology and Neurovirology NINDS, NIH, Bethesda, MD

From: (b) (6)

Sent: Monday, July 19, 2021 3:49 AM To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Testing

Thank you for responding. I feel like I'm running out of time and options at this (b) (6) mark post-vaccine. I think my neurologist would be willing to explore (6) with a bit of encouragement. I am certain he would speak to you.

I know early treatment is essential. In your (off the record) opinion... do you think I'm too far out from my initial reaction or do you think I may benefit from (b)? I trust your opinion and your judgement.

(b) (6)

Sent from my iPhone

On Jul 18, 2021, at 7:56 PM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:

Hi (b) (6)

Thanks for the update.Research work takes time and I dont have any result from your samples yet.

Ehats your neuroligist opinion about (b) (6)? I can speak with him if you think that may help. please let me know.

**Farinaz** 

**Farinaz** 

<425E7D44381946D6827F2FA0F2E232CA.png>

From:

Sent: Friday, July 16, 2021 8:22:25 PM To: Safavi, Farinaz (NIH/NINDS) [E]

(b) (6)

Subject: Re: Testing

Hello Farinaz.

To date, here is a list of my worsening symptoms: increased nerve pain in scalp, left thigh, left forearm, left hand. Internal tremor occurs more days than not. I feel this shakiness in my limbs, hands, and head. Increased muscle weakness and I fatigue easily. I am no longer able to walk more than a 1/2 mile which is a significant decline from the 3-5 miles I was able to walk shortly up to about post vaccine. Muscle twitching in both calves 24/7. L/R foot neuropathy. Left hand neuropathy and burning right hand fingertips. I continue to be severely constipated and am unable to have a bowel movement with the use of glycerin suppositories. This has remained the same since (b) (6). Continued and constant facial paresthesia and burning lips. I am unable to withstand normal life stressors without my hands shaking and experiencing worsening brain fog. Intermittent bladder pain. Continued heat/cold intolerance. I am not able to ride my mountain bike or fly fish. I am not able to babysit my grandchildren alone due to lack of stamina. My daily life has been severely impacted by my physical limitations.

In your opinion, would I benefit from symptoms seem to be worsening. I am really scared by the downward turn.

Was there any indication of abnormalities in the blood I sent to NIH months ago?

My best to you, (b) (6)

On Jun 14, 2021, at 8:14 PM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) wrote:

Hi (b) (6)

Thank you very much for the update. I am out of office currently and will be back next week.

Can you please send me the result of (6)

Please update me with your symptoms? If your symptoms aee still severe I can dprak with (b) (6) and share our understanding about this process.

Best

Farinaz

<6355AF710D834536860FCA4D001DACAC.p

ng>

From: (b) (6)

Sent: Tuesday, June 15, 2021 2:49:23 AM To: Safavi, Farinaz (NIH/NINDS) [E]

Subject: Re: Testing

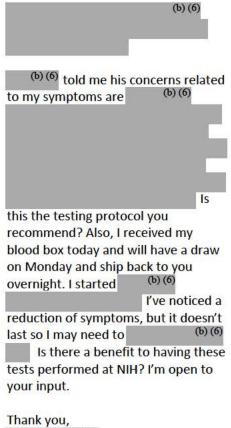
Hello Farinaz,

I haven't wanted to bother you, but I wanted to follow-up on my blood work results to learn if there was an indication of abnormality or an area that needs further follow-up. In an earlier email, You also mentioned other tests you were suggesting.

I hope you are doing well. Warmly,

(b) (6)

On Apr 29, 2021, at 8:19 PM, Safavi, Farinaz (NIH/NINDS) [E] (b) (6) wrote: (b) (6) Thank you very much for update. completely agree with your neurologist and I believe you are in good hands. Unfortunately I can not bring non local patients easily due to COVID restriction but I can (b) (6) and share our speak with ubderstanding about your (b) (6) symptoms with him. I also can send you list of tests that I am sending for patients and your physician can check them. (b) (6) helps your symptoms If I think you certainly should continue Please let me know if I can be any help. Best Farinaz <086E01E723E44FE794462A76AEC331 F6.png> (b) (6) From: Sent: Thursday, April 29, 2021 11:09:56 PM To: Safavi, Farinaz (NIH/NINDS) [E] Subject: Testing Hello Farinaz, I saw my neurologist today (b) and he reviewed past and current symptoms, in addition to all blood work and test results and scans.



Sent from my iPhone

<WHO scale post-COVID.docx>

(b) (6) To: Safavi, Farinaz (NIH/NINDS) [E][ From: Wed 4/28/2021 12:48:23 PM (UTC-05:00) Sent: Subject: Re: Neurological Vaccine Issue Hello Dr. Farinaz, I was looking forward to coming down there to be evaluated but I understand if there are restrictions put in place due to Covid. I will be traveling down to the DC area in May so if anything changes I will always be available to come in. I have an appointment with my new neurologist on May 20 and if it is okay with you I will provide your email to correspond with? On Apr 28, 2021, at 1:37 PM, Safavi, Farinaz (NIH/NINDS) [E] wrote: Hi (b) (6) Unfortunately due to COVID restrictiins we can not bring non-local patients easily to NIH.I would be more than happy to soeak with your neurologist and share our understanding about these symptoms with him/her. please let me know Farinaz (b) (6) From: Sent: Wednesday, April 28, 2021 1:28:16 PM To: Wiebold, Amanda (NIH/NINDS) [E] < (b) (6) Cc: Safavi, Farinaz (NIH/NINDS) [E] < Subject: Re: Neurological Vaccine Issue Hello Amanda. Just following up to see if it possible to still come out there to be evaluated? I am still experiencing numbness, tingling, twitching and pins and needles feeling. I have visited another Neurologist and (b) (6) . I and I am following up with an ENT doctor to understand the allergic reaction I feel in my mouth. (b)(6)On Apr 23, 2021, at 1:26 PM, wrote: Hello. I am still having pins/needles with numbness in my hands and feet. I have twitching throughout my body and headaches. I have been also starting to feel very fatigued even with adequate sleep.

(b) (6)

Cc:

Wiebold, Amanda (NIH/NINDS) [E]

# On Apr 23, 2021, at 12:55 PM, Wiebold, Amanda (NIH/NINDS) [E] < (b) (6) wrote:

Hello (b) (6)

Sorry for the delay in responding! In order for us to better decide which protocol to enroll you on could you give us an update on how you are doing (what symptoms are you still dealing with and any changes to the care you are receiving)?

Thank you, Amanda

From: (b) (6)

Sent: Wednesday, April 21, 2021 1:46 PM

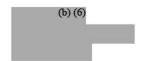
To: Wiebold, Amanda (NIH/NINDS) [E] < (b) (6)

Cc: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6)

Subject: Re: Neurological Vaccine Issue

Hello Amanda,

I am just following up to see if everything was okay with the paperwork I sent for consent? During my meeting with Dr. Safavil I talked about coming out there to do testing if that was an option. I am planning to travel there (DC/Maryland) next month and hopefully I can be seen there if possible. I am open to whatever date that is available.



On Apr 12, 2021, at 8:54 AM, Wiebold, Amanda (NIH/NINDS) [E]

Thank you. Amanda

From:
Sent: Friday, April 9, 2021 6:18 PM
To: Safavi, Farinaz (NIH/NINDS) [E] < (b) (6)
Cc: Wiebold, Amanda (NIH/NINDS) [E] < (b) (6)
Subject: Re: Neurological Vaccine Issue

Sorry for the daily. I sent the signed documents to request my medical records.



On Apr 9, 2021, at 5:39 PM, Safavi, Farinaz (NIH/NINDS) [E]

(b) (6)

Amanda sent you the medical release form and I appreciate if you fill it out as soon as you can.

**Thanks** 

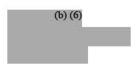
(b) (6) From:

Sent: Wednesday, April 7, 2021 3:06 PM To: Safavi, Farinaz (NIH/NINDS) [E] Subject: Re: Neurological Vaccine Issue

Hello Farinaz,

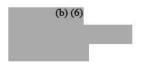
Sorry for the delay. I thought I sent the email with my last lab results, film of me twitching and a pictures of the rash on my ankle.

<3A2DF72C4B2445FD84323BEE216034CE.jpg> <386A45C12830442F91BC818024225466.jpg> <1AB9F867E65D4F02B9401E0DE9CD64DD.jpg>



(b) (6) On Apr 2, 2021, at 8:55 PM, wrote:

I received it, thank you so much!



On Apr 2, 2021, at 8:54 PM, Safavi, Farinaz (NIH/NINDS) [E] (b) (6) wrote:

Great,I sent you microsoft team link.

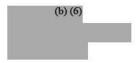
Farinaz <78FA98D33D8642C6824617D3424D 701D.png> (b) (6)

From:

Sent: Friday, April 2, 2021 8:49:36 PM To: Safavi, Farinaz (NIH/NINDS) [E] (b) (6) Subject: Re: Neurological Vaccine Issue

Hello,

Yes, that time will work. Thank you so much for taking the time to meet with me.



On Apr 2, 2021, at 8:20 PM, Safavi, Farinaz (NIH/NINDS) [E] < (b) (6) > wrote:

Dear (b) (6)
Sorry to hear about your illness.I can meet with you through televisit on Monday at 2:30 pm ET.
Please let me know if this time works for you?
Thank you

### Farinaz

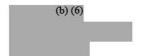
<E6D937FEDE834DFE82
BDCD6DB2AAE3F3.png
>
From: (b) (6)

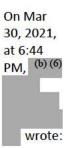
Sent: Friday, April 2,
2021 12:07:40 PM
To: Safavi, Farinaz
(NIH/NINDS) [E]
< (b) (6)
>
Subject: Re:
Neurological Vaccine
Issue

Hello Dr. Farinaz,

I am following up on my message below

concerning the post-vaccination neuropathy symptoms I am having. I apologize if this is not the normal way to get a consultation with you but I am desperately looking for answers on how I can resolve these issues I am having after my vaccination. If there is a better way to be evaluated please let me know. I would greatly appreciate it.





Hello,

I received your informatio n from (b) (6) and I am looking for some help desperatel y. I received my second dose of the Pfizer COVID-19 vaccine (b) (6)

Two

weeks following my 2nd vaccinatio n I started to have neurologic al symptoms of twitching in my legs and arms; numbness , pins and needle feeling in my hands and feet. I've also been experienci ng tingling inside my mouth on my tongue, gums and lips like an allergic reaction. I have done (b) (6) . My symptoms are now going on for over (b) (6) continuou sly without an answer and they are starting to get worse.

I've been to two neurologis ts, my primary care doctor, and an allergist to see if they can figure out the issue but nothing.

I am not sure what can be done reaching out but at this point, I am desperate and honestly very scared. Hoping you have some insight working with this I would like to know is there anything that can be done?





(b) (6)

<Video.mov>

To: Wiebold, Amanda (NIH/NINDS) [ (b) (6) From: Safavi, Farinaz (NIH/NINDS) [E][/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=94807CE146E045D4B61655DA26A0C246-

Sent: Fri 4/9/2021 4:38:56 PM (UTC-05:00)
Subject: FW: Neurological Vaccine Issue

(b) (b

Video.mov

Hi (b) (6)

Amanda sent you the medical release form and I appreciate if you fill it out as soon as you can.

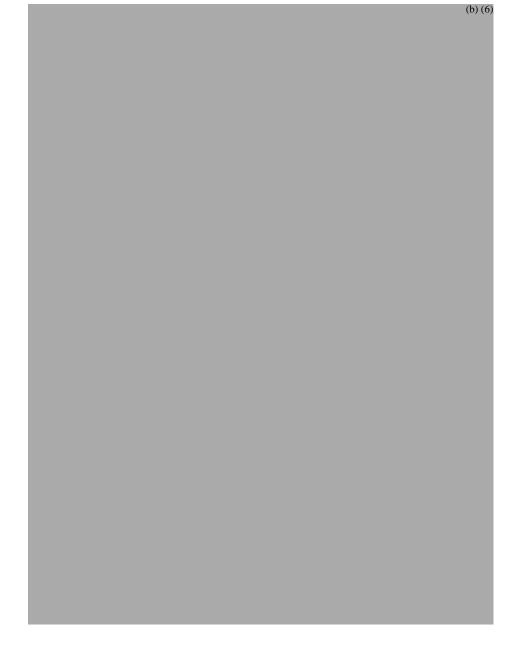
Thanks

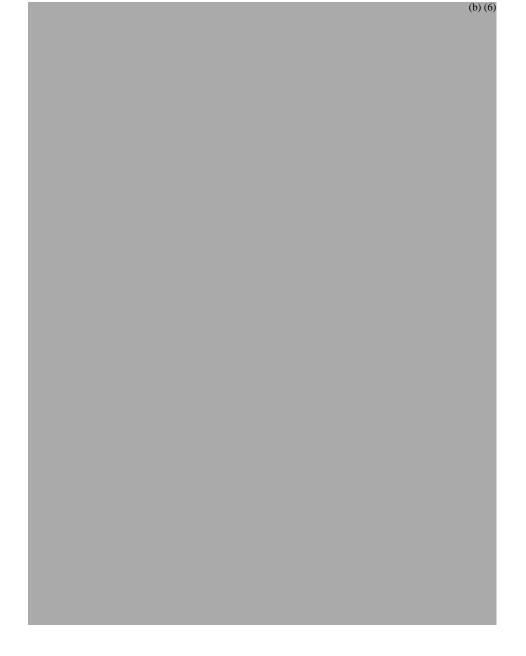
From: (b) (6)

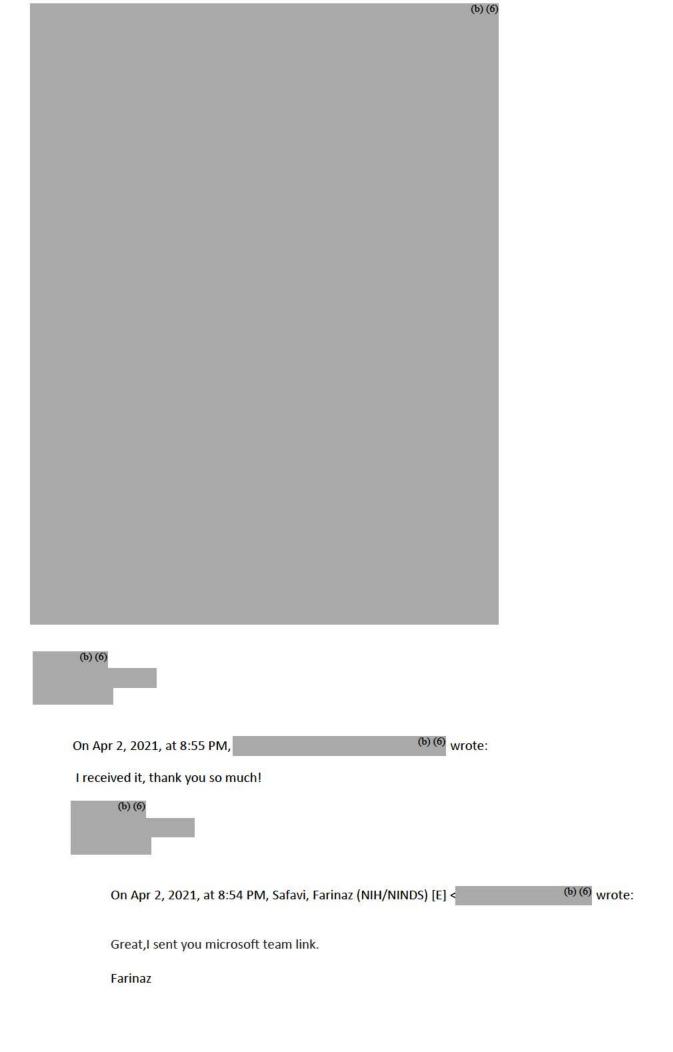
Sent: Wednesday, April 7, 2021 3:06 PM
To: Safavi, Farinaz (NIH/NINDS) [E]
Subject: Re: Neurological Vaccine Issue

Hello Farinaz,

Sorry for the delay. I thought I sent the email with my last lab results, film of me twitching and a pictures of the rash on my ankle.







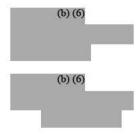
(b)(6)From: Sent: Friday, April 2, 2021 8:49:36 PM (b) (6) To: Safavi, Farinaz (NIH/NINDS) [E] < Subject: Re: Neurological Vaccine Issue Hello, Yes, that time will work. Thank you so much for taking the time to meet with me. (b)(6)(b) (6) On Apr 2, 2021, at 8:20 PM, Safavi, Farinaz (NIH/NINDS) [E] < wrote: (b) (6) Dear Sorry to hear about your illness.I can meet with you through televisit on Monday at 2:30 pm ET. Please let me know if this time works for you? Thank you Farinaz (b)(6)From: Sent: Friday, April 2, 2021 12:07:40 PM (b) (6) To: Safavi, Farinaz (NIH/NINDS) [E] < Subject: Re: Neurological Vaccine Issue Hello Dr. Farinaz, I am following up on my message below concerning the post-vaccination neuropathy symptoms I am having. I apologize if this is not the normal way to get a consultation with you but I am desperately looking for answers on how I can resolve these issues I am having after my vaccination. If there is a better way to be evaluated please let me know. I would greatly appreciate it. (b)(6)(b) (6) wrote: On Mar 30, 2021, at 6:44 PM Hello, (b) (6) and I am looking for some I received your information from help desperately. I received my second dose of the Pfizer COVID-19 vaccine (b) (6). Two weeks following my 2nd vaccination I started to have neurological symptoms of twitching in my legs and arms; numbness, pins and needle feeling in my hands and feet. I've also been experiencing tingling inside my mouth on my tongue, gums and lips like an allergic reaction. I have done My symptoms are now going on

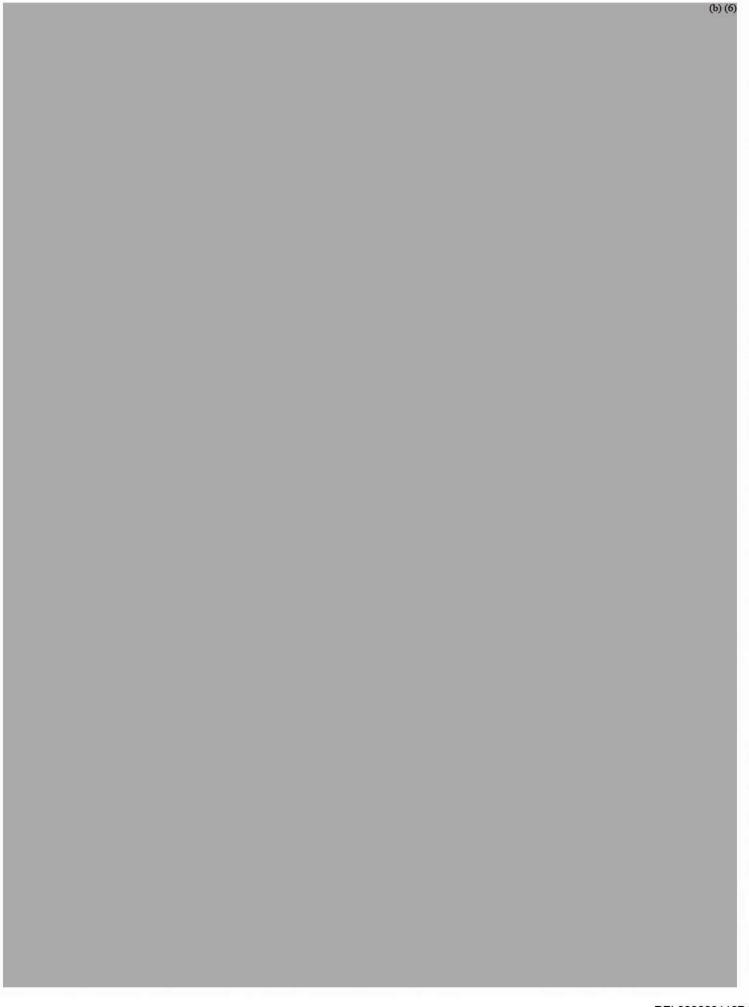
(b) (6) continuously without an answer and they are starting to get

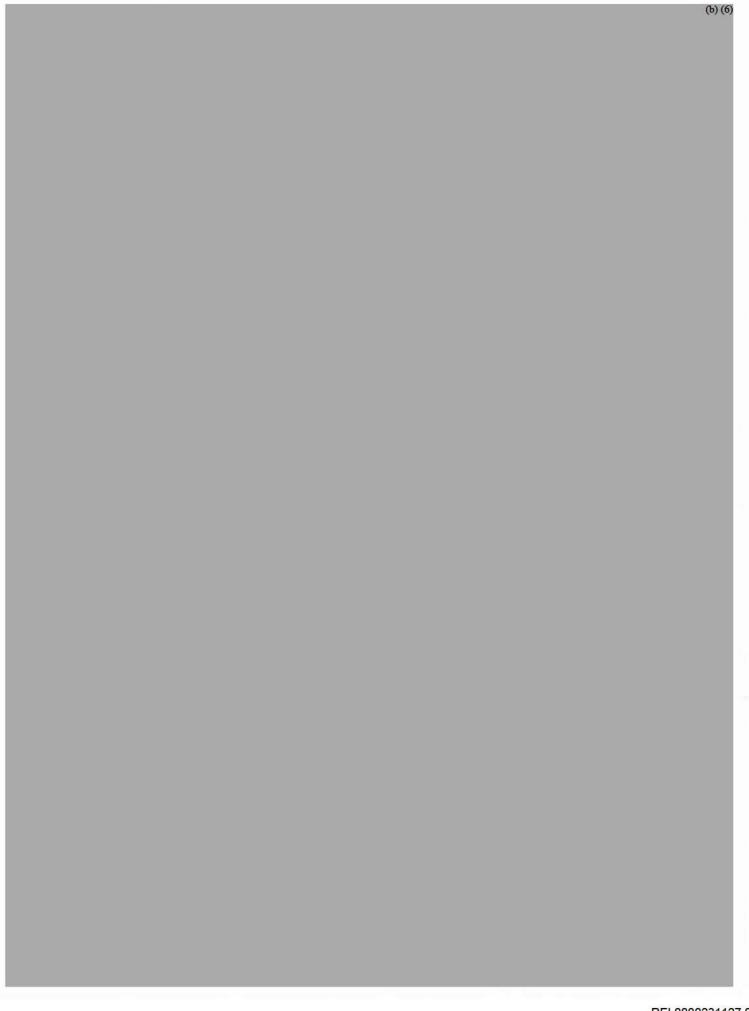
for over

worse. I've been to two neurologists, my primary care doctor, and an allergist to see if they can figure out the issue but nothing.

I am not sure what can be done reaching out but at this point, I am desperate and honestly very scared. Hoping you have some insight working with this I would like to know is there anything that can be done?



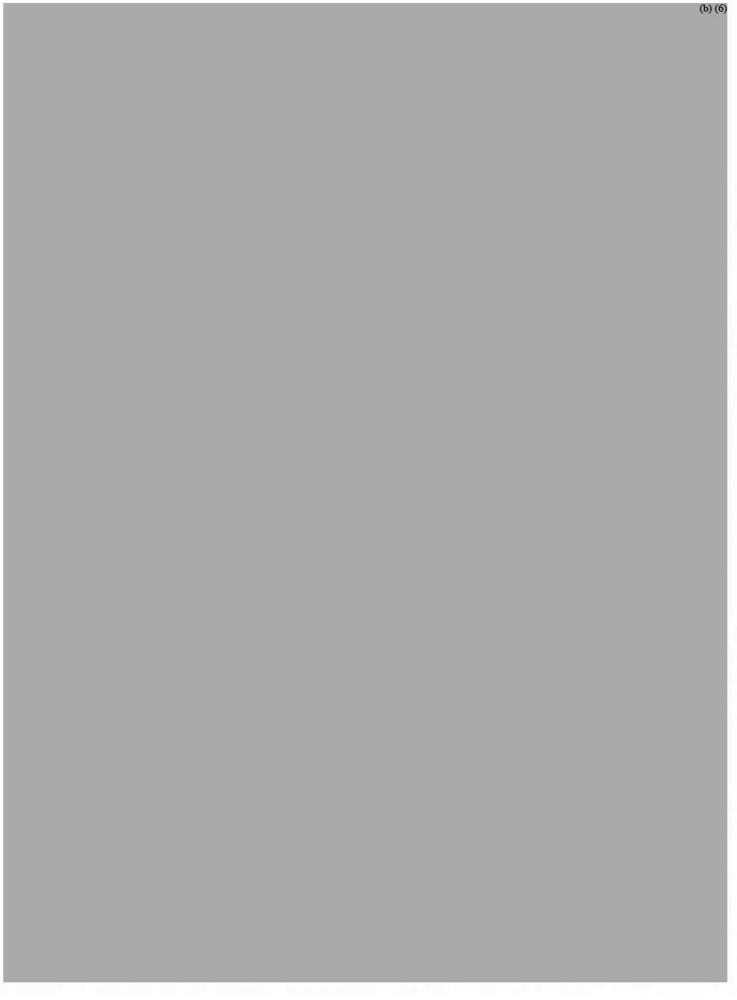


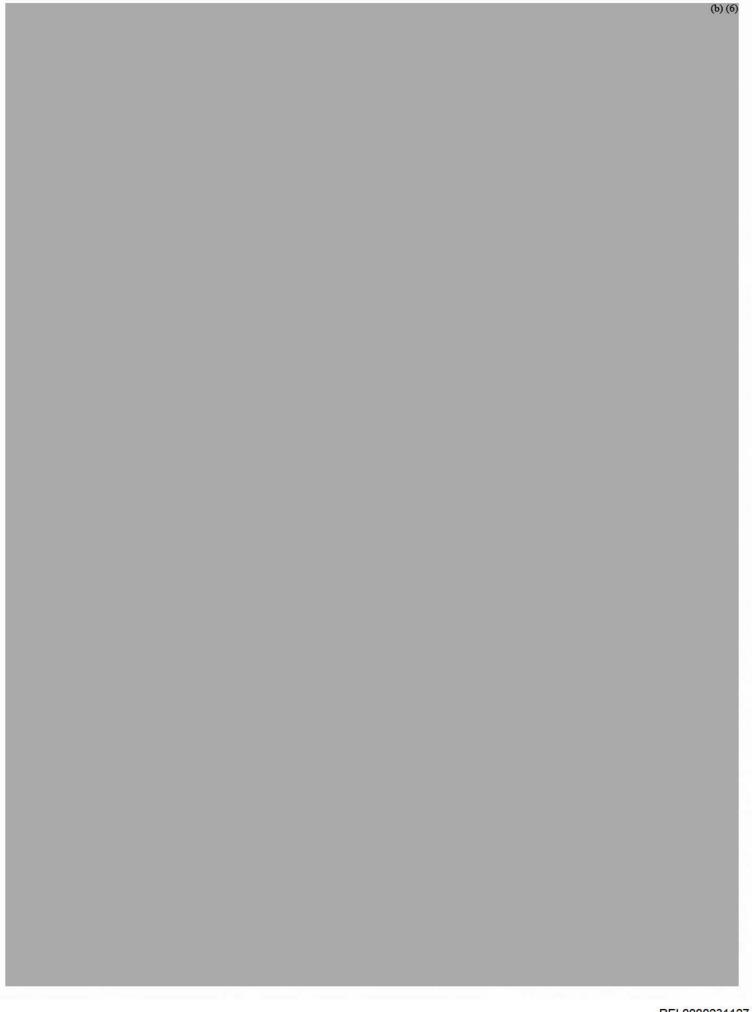


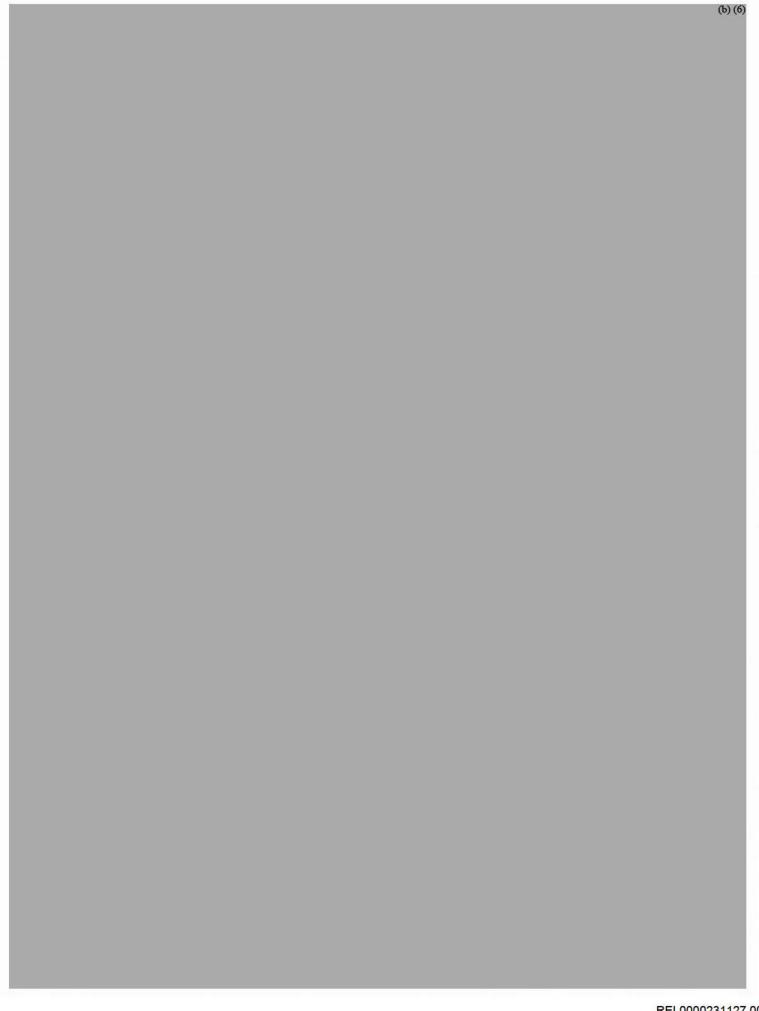


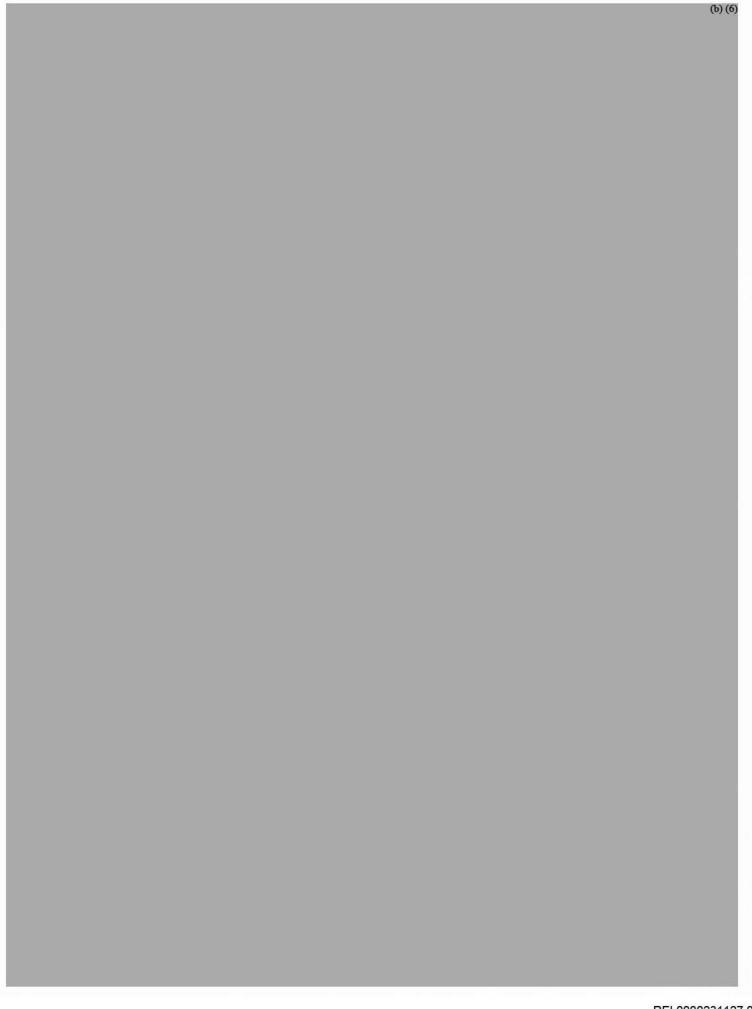


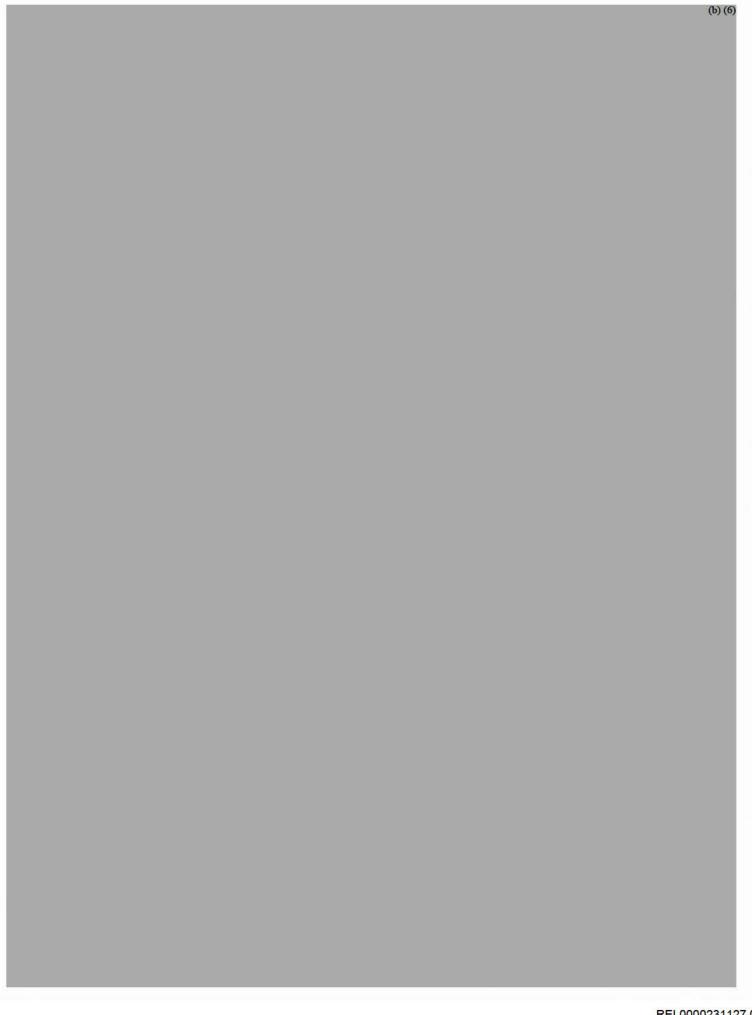




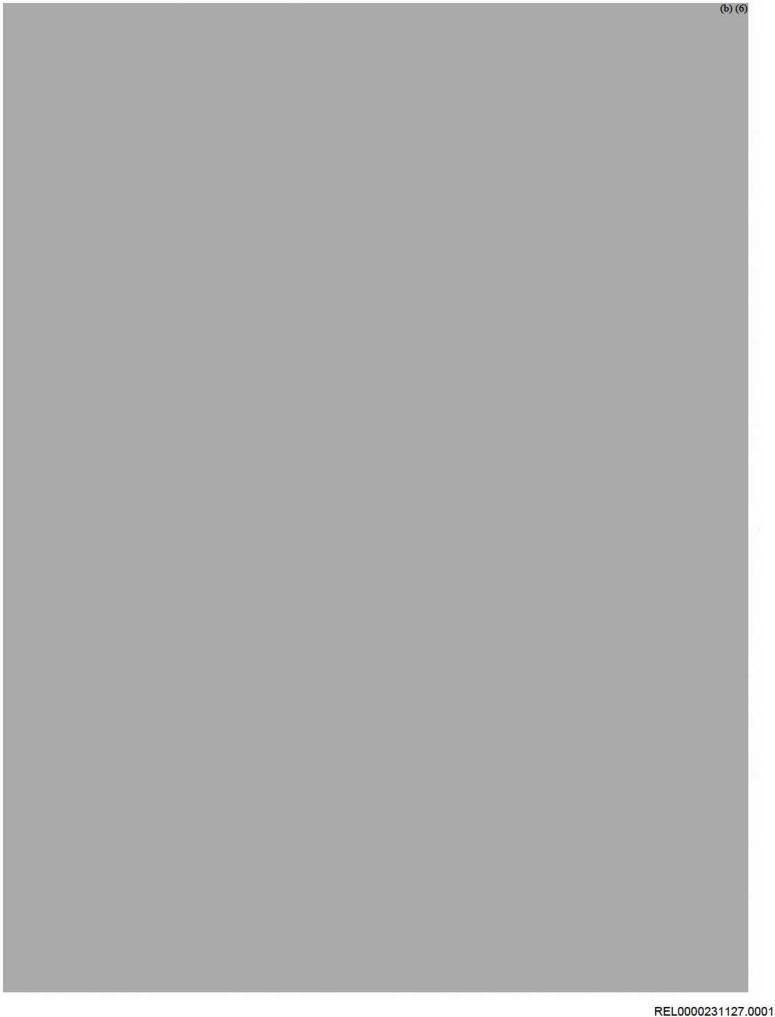












To: From:	Nath, Avindra (NIH/NINDS) [E] (b) (6)
Sent: Subject:	Tue 9/28/2021 10:53:05 AM (UTC-05:00) Re: Consult request from (b) (6)
inflamma	nonspecific question that I'm not sure you can answer, but if the vaccine is causing some nonspecific CNS ation that doesnt really show clinically or on imaging, would you expect this to resolve over time? I spoke to obvious and I think spoke with you or one of your partners and she was found to have and I think she mentioned that you guys thought the inflammation would take awhile, but eventually resolve.
The second secon	estion- I know you mentioned that you haven't found any specific autoantibodies- have you found any evidence of tof autoimmune CNS issue induced by the vaccine?
though th know the	tioned in prior emails, it is thought that I have  tere is something going on with my central nervous system that no clinicians seem to be impressed by. Since I general neuros aren't as aware of what is going on with the vaccine, I just wanted to check in with you before I all. If my
Thanks a	gain for your help and responses.
(Ъ	) (6)
On Tue,	Sep 14, 2021 at 4:50 PM Nath, Avindra (NIH/NINDS) [E] < (b) (6) wrote:
Maybe	(b) (6)
Avi	
To: Na	Tuesday, September 14, 2021 at 4:19 PM oth, Avindra (NIH/NINDS) [E] < (b) (6) (c) (c) (d) (d)
Thanks	
	s again  have any recs for neuros in  (b) (6)?
Do you	s again  have any recs for neuros in  (b) (6)?
Do you Thanks Sent fre	s again  thave any recs for neuros in  (b) (6)?  s again
Do you Thanks Sent fre	s again  have any recs for neuros in  (b) (6)  s again  om my iPhone

Avi

(b) (6) From: Date: Tuesday, September 14, 2021 at 3:11 PM (b) (6) To: Nath, Avindra (NIH/NINDS) [E] < (b) (6) Subject: Re: Consult request from Hi Dr Nath Hope you're well I had one quick question: are you seeing any trend of MRI changes in patients who have had reactions to the vaccine? We emailed back and forth last week about my muscle fatigability/dysphagia and intermittent jerky movements - I followed up with my Neuro today who is completely unimpressed and told me to ignore my symptoms. (b) (6) post vaccine, wondering if it's worth requesting another. If you guys aren't seeing too In April much, I will trust the advice of my neurologist and Thanks again Sent from my iPhone On Sep 8, 2021, at 8:40 PM, Nath, Avindra (NIH/NINDS) [E] < wrote: (b) (6) From: Date: Wednesday, September 8, 2021 at 5:21 PM (b) (6) To: Nath, Avindra (NIH/NINDS) [E] < Subject: Re: Consult request from (b) (6) but the neurologists I've seen The one thing that keeps coming back to me is haven't been concerned. But I'm not sure what else could be causing the waxing and waning weakness. I am not weak systemically yet but clearly am weak in at least my proximal esophagus. I am Any recommendations? Thanks again Sent from my iPhone

On Sep 8, 2021, at 4:47 PM, Nath, Avindra (NIH/NINDS) [E]

but would have a long differential. What city do you live in? (b)(6)From: Date: Wednesday, September 8, 2021 at 4:07 PM (b)(6)To: Nath, Avindra (NIH/NINDS) [E] < (b) (6) Subject: Re: Consult request from Thank you so much. The one consistent thing I've had since the vaccine is the feeling that my muscles are not right-heavy, not yet weak. I then developed dysphagia and I subsequently developed some mild bulbar weakness that is not yet detectable on exam. So overall, the primary issue seems to be somewhat muscular and of some sort of muscular fatigue as after rest, they improve. The overall trend is a bit of a worsening in the last few weeks however. (b) (6) Are you seeing any myopathy? Wondering if I ned (b) (6) Thanks again- I feel like I'm driving my own ship here since so I'm thinking something needs to be treated at this point . Best, (b) (6) Sent from my iPhone On Sep 8, 2021, at 3:16 PM, Nath, Avindra (NIH/NINDS) [E] (b) (6) wrote: We have done very extensive autoantibody testing but so far have not

found anything. There is always a possibility of an underlying illness

that can get unmasked, so basic studies need to be performed.

All I have heard of is myositis with the vaccine, the bulbar symptoms are unusual

REL0000231417

Neurologist might be able to tell if the movements are really myoclonic or not. If so, then depending on the type (gen/multifocal/segmental), other investigations would be necessary.

Avi

(b) (6) From: Date: Wednesday, September 8, 2021 at 11:18 AM (b) (6) To: Nath, Avindra (NIH/NINDS) [E] < (b) (6) Subject: Re: Consult request from Hi Dr Nath I have one more quick question Is there anything you would recommend I ask my physicians to check? . I know many aren't familiar with the vaccine induced illness and from my reading it seems to be some sort of autoimmune issue involving the nervous system, so I'm curious if you're finding anything that a general Neuro might miss. Thanks again for your help (b) (6)

Sent from my iPhone

On Sep 8, 2021, at 10:54 AM, wrote:

Okay, thank you so much

Sent from my iPhone

On Sep 8, 2021, at 9:14 AM, Nath, Avindra (NIH/NINDS) [E] < (b) (6) wrote:

Since we are a research institution and not a regular clinic, we can only see patients on research protocols. Currently, I do not have a protocol for that purpose. Sorry.

Avi

Date: Wednesday, September 8, 2021 at 6:52 AM
To: Nath, Avindra (NIH/NINDS) [E]

Subject: Re: Consult request from (

Thank you so much. Are you accepting

Thank you so much. Are you accepting patients down there? I am happy to travel. Thanks again.

Sent from my iPhone

On Sep 7, 2021, at 11:03 PM, Nath, Avindra (NIH/NINDS) [E] (b) (6) wrote:

Yes, your physician would need to make the decisions. Hard to practice medicine via email.

Best wishes.

Avi

Prom:

(b) (6)

Date: Tuesday, September 7,
2021 at 10:15 PM

To: Nath, Avindra (NIH/NINDS)

[E] < (b) (6)

Subject: Re: Consult request

from (b) (6)

Thank you so much.

Would you recommend I have a physician I am working with now prescribe?

(b) (6)

I suspect there has been some neuroinflammation (I have also had a lot of night myoclonic jerks and weird sensations of feeling twitchy/intermittently jerky during the day)- do you suspect this will ultimately resolve with time? I worry so much this has triggered something

triggered something degenerative, (b) (6)

Thank you so much for your quick response.

Best wishes,

(b) (6)

Sent from my iPhone

On Sep 7, 2021, at 9:40 PM, Nath, Avindra (NIH/NINDS) [E] (b) (6) wrote: Dear (b) (6)

Sorry to hear of your illness. Yes, there are several people who are complaining of similar symptoms. We do not have any treatment protocol at the moment, (6)

This may be worthy of consideration.

With best wishes.

Avi

Avindra Nath MD

Chief, Section of Infections of the Nervous System

Clinical Director,

National Institute of Neurological Disorders and Stroke

National Institutes of Health, Bethesda, MD

(Office)

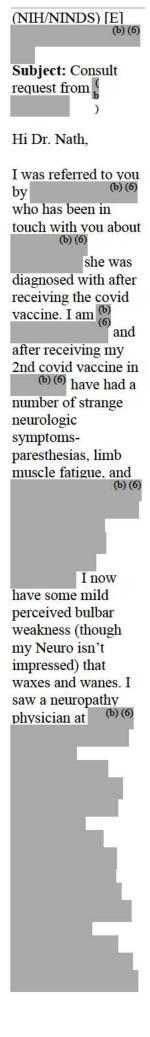
(b) (6)

From: (b) (6)

**Date:** Tuesday, September 7, 2021 at

9:15 PM

To: Nath, Avindra





I am quite concerned about the proximal esophageal dysmotility and waxing and waning bulbar symptoms in addition to the systemic muscle fatigue and was hoping to consult with you if possible.

I hope you are well and I look forward to hearing from you.



Sent from my iPhone

Ok, thanks!	
Sent from my	iPhone
On Sep	o 14, 2021, at 3:14 PM, Nath, Avindra (NIH/NINDS) [E] < (b) (6) wrote:
	(6) (6)
Avi	
From:	(b) (6)
To: Na	Tuesday, September 14, 2021 at 3:11 PM th, Avindra (NIH/NINDS) [E] < (b) (6) tt: Re: Consult request from (b) (6)
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1	(6) (6)
	Date: Wednesday, September 8, 2021 at 5:21 PM  To: Nath, Avindra (NIH/NINDS) [E] < (b) (6)  Subject: Re: Consult request from (b) (6)  The one thing that keeps coming back to me is concerned. But I'm not sure what else could be causing the waxing and waning weakness. I am not weak systemically yet but clearly am weak in at least my proximal esophagus. I am in  Any recommendations?  Thanks again
	Sent from my iPhone

(b) (6)

(b) (6)

Nath, Avindra (NIH/NINDS) [E]

Sent: Tue 9/14/2021 2:16:16 PM (UTC-05:00)
Subject: Re: Consult request from (b) (6)

To:

From:

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Sent from my iPhone

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To: Nath, Avindra (NIH/NINDS) [E]

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Date: Tuesday, September 7,
2021 at 10:15 PM

To: Nath, Avindra (NIH/NINDS) [E]

(b) (6)

Subject: Re: Consult request from
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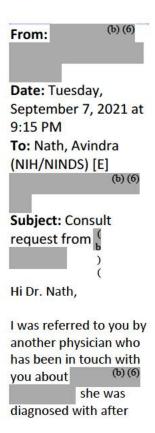
(b) (6)

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Best wishes, (b) (6) Sent from my iPhone

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receiving the covid vaccine. I am (6) after receiving my 2nd covid vaccine in (b) (6) have had a number of strange neurologic symptomsparesthesias, limb muscle fatigue, and have I now have some mild perceived bulbar weakness (though my Neuro isn't impressed) that waxes and wanes. I saw a neuropathy physician at (b) (6)

I am quite concerned about the proximal esophageal dysmotility and waxing and waning bulbar symptoms in addition to the systemic muscle fatigue and was hoping to consult with you if possible.

I hope you are well and I look forward to hearing from you.

Best,

(b) (6)

Sent from my iPhone