





**To:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>; 1.2i Functionele emailadressen <5.1.2e@rivm.nl>  
 <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>; 5.1.2i Functionele emailadressen <5.1.2e@rivm.nl>  
**Cc:** 5.1.2e @ggdhm.nl' <5.1.2e@ggdhm.nl>  
**Subject:** RE: First thoughts

Good to hear this!  
 Can you share the exact wording you use in the CONTEST study?

5.1.2e

**From:** 5.1.2e <5.1.2e@rivm.nl>  
**Sent:** maandag 5 oktober 2020 08:35  
**To:** 5.1.2e <5.1.2e@rivm.nl>; 1.2i Functionele emailadressen <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>;  
 <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>; 5.1.2i Functionele emailadressen <5.1.2e@rivm.nl>  
**Cc:** 5.1.2e @ggdhm.nl' <5.1.2e@ggdhm.nl>  
**Subject:** RE: First thoughts

Goodmorning,

In the CONTEST study we also ask informed consent only online, by checking a box (this is checked with 5.1.2e ). If they don't check the box they cannot go further in the questionnaire. So I think that should be fine.

5.1.2e

**From:** 5.1.2e <5.1.2e@rivm.nl>  
**Sent:** vrijdag 2 oktober 2020 18:11  
**To:** 1.2i Functionele emailadressen <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>;  
 5.1.2e <5.1.2e@rivm.nl>; 1.2i Functionele emailadressen <5.1.2e@rivm.nl>  
**Cc:** 5.1.2e @ggdhm.nl' <5.1.2e@ggdhm.nl>  
**Subject:** RE: First thoughts

Dear all,

I agree with 5.1.2e let us just collect as less personal data as possible, with consent. And 5.1.2e I would think that the way it was done in the measles survey should be possible now as well, unless that survey was done before AVG-times... But please do check with 5.1.2e or 5.1.2e

Enjoy the weekend,

Regards, 5.1.2e

**From:** 1.2i Functionele emailadressen <5.1.2e@rivm.nl>  
**Sent:** vrijdag 2 oktober 2020 17:51  
**To:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>;  
 1.2i Functionele emailadressen <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>  
**Cc:** 5.1.2e @ggdhm.nl' <5.1.2e@ggdhm.nl>  
**Subject:** RE: First thoughts

Hi 5.1.2e

I totally agree that we should do it online and not written if possible, and also that name, email and phone-number should be enough to identify them. Full address won't be necessary indeed. But to see who was standing on which position will be interesting in relation to the transmission I guess (alternative would be that we'll make a map and let them identify where they were standing, as discussed. Than we don't need personal details at all maybe).

Would be great if you could check with 5.1.2e or 5.1.2e I'm curious what their opinion is.

Tot horens!

Groeten,

5.1.2e  
**From:** 5.1.2e <5.1.2e@rivm.nl>  
**Sent:** vrijdag 2 oktober 2020 17:37  
**To:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>; 2) Functionele emailaddress  
 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>  
**Cc:** 5.1.2e <@ggdhm.nl> <5.1.2e@ggdhm.nl>  
**Subject:** RE: First thoughts

Hi 5.1.2e

I agree, but not totally as I also think we should collect as little personal details as possible. If they will receive the survey link via whats app we can include the information letter as the first page, and then the toestemming info on the second. And just ask for their email or phone number at the end of the survey. That is less personal than their full address.

If we also ask them to send us written toestemming that might be a barrier and limit the response. And what would we do with people who fill in the survey but don't send the form back? I foresee that we might get responses that we cannot use then.

I think that in our last meeting we said that linking them individually might not be needed and it could be checked more general. The way we ask the questions in the last version of the survey we cannot link persons anyway. So then I have the feeling that asking for the permission form by post could limit us more than necessary.

I will check on Monday with 5.1.2e or 5.1.2e if the permission as if the measles survey is enough or not. I also added 5.1.2e what do you think about the toestemming issue? And 5.1.2e ?

Best,

5.1.2e

**From:** 1.2) Functionele emailaddress <5.1.2e@rivm.nl>  
**Sent:** vrijdag 2 oktober 2020 15:48  
**To:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>; 2) Functionele emailaddress <5.1.2e@rivm.nl>  
**Subject:** RE: First thoughts

Hi,

I merged the questionnaire and the consent forms. Since we would like to know who-is-who to see how the transmission went I guess it's better to ask for consent to use their personal data. The focus of the outside world on how we use personal data is quite intense at the moment, so I guess better safe than sorry. But maybe you disagree.

I've called to the choir 5.1.2e in Leiden and made an appointment for the interview with her coming Thursday the 8<sup>th</sup>. In the meanwhile we could send her the questionnaire for the individual choir members, and she will send it to the choirmembers by whatsapp (idea of 5.1.2e). For that, we need to include a link to formdesk in the document, so that they can fill in the questionnaire online (we do need to make the questionnaire in formdesk than ofcourse).

Besides that, the choir leader was contacted by VirMus <https://www.knmo.nl/2020/05/11/virmus-wetenschappelijk-onderbouwde-informatie-voor-musici-in-het-coronatijdperk/#.X3cusTpNeUk> (an initiative of TU Delft and a choir of Rotterdam) they want to do a research on the transmission of sars-cov-2 in relation to the ventilation in the building. Magreet suggested them to contact them to see how we can align our research with theirs.

Have a good weekend everyone!

5.1.2e



Thanks 5.1.2e made some changes.

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**From:** 5.1.2e <5.1.2e@rivm.nl>  
**Sent:** vrijdag 2 oktober 2020 11:21  
**To:** 5.1.2e <5.1.2e@rivm.nl>; 1.2i Functionele emailadres <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>; 2i Functionele emailadres <5.1.2e@rivm.nl>  
**Subject:** RE: First thoughts

Hi,  
 Thanks 5.1.2e  
 I can check it, just wanted to have look at the last version now

5.1.2e

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**From:** 5.1.2e <5.1.2e@rivm.nl>  
**Sent:** vrijdag 2 oktober 2020 11:14  
**To:** 1.2i Functionele emailadres <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>; 1.2i Functionele emailadres <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>  
**Subject:** RE: First thoughts

Dear all,

Thank you for your comments and feedback. I have consolidated the feedback in the version attached and translated into Dutch (I hope there are no strange translations). The English version has been left underneath for reference. Would someone be able to check if the translation makes sense?

Best wishes,

5.1.2e

---

**From:** 1.2i Functionele emailadres <5.1.2e@rivm.nl>  
**Sent:** 01 October 2020 14:39  
**To:** 5.1.2e <5.1.2e@rivm.nl>; 1.2i Functionele emailadres <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>  
**Subject:** RE: First thoughts

I added some comments as well

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**From:** 5.1.2e <5.1.2e@rivm.nl>  
**Sent:** donderdag 1 oktober 2020 14:05  
**To:** 1.2i Functionele emailadres <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>; 1.2i Functionele emailadres <5.1.2e@rivm.nl>  
**Subject:** RE: First thoughts

Attached some additions from my side.

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**From:** 1.2i Functionele emailadres <5.1.2e@rivm.nl>  
**Sent:** donderdag 1 oktober 2020 12:52  
**To:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>; 1.2i Functionele emailadres <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>  
**Subject:** RE: First thoughts

Hello everyone,

I added some suggestions in red.

Best,  
 5.1.2e

---

**From:** 5.1.2e <5.1.2e@rivm.nl>  
**Sent:** donderdag 1 oktober 2020 12:19  
**To:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2i Functionele emailadressen <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>; 5.1.2i Functionele emailadressen <5.1.2e@rivm.nl>  
**Subject:** RE: First thoughts

Hi all,

Please find attached the latest version of the questions (also saved here: 5.1.2h  
5.1.2h

I added some subheadings and changed the order to make it more sequential but feel free to change as needed.

Best wishes,

5.1.2e

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**From:** 5.1.2e <5.1.2e@rivm.nl>  
**Sent:** 01 October 2020 11:01  
**To:** 5.1.2i Functionele emailadressen <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>; 5.1.2i Functionele emailadressen <5.1.2e@rivm.nl>  
**Subject:** RE: First thoughts

Hi all,

Who is at RIVM and who is at home?  
I don't think I can call 4 others on whatsapp  
U 2.39 seema available now.  
We can meet there and dial in the people at home via Teams

5.1.2e

---

**From:** 5.1.2i Functionele emailadressen <5.1.2e@rivm.nl>  
**Sent:** donderdag 1 oktober 2020 10:31  
**To:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>  
**Subject:** RE: First thoughts

I've updated the members of the SO this morning. I guess we can wright something down next week. 5.1.2e will attend the call as well at 11 am.  
Will you call us by whatsapp 5.1.2e

---

**From:** 5.1.2e <5.1.2e@rivm.nl>  
**Sent:** donderdag 1 oktober 2020 09:27  
**To:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2i Functionele emailadressen <5.1.2e@rivm.nl>  
**Subject:** RE: First thoughts

Yes, 11 is ok. I will try to also talk to 5.1.2e to see what she thinks.

5.1.2e

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**From:** 5.1.2e <5.1.2e@rivm.nl>  
**Sent:** donderdag 1 oktober 2020 08:58  
**To:** 5.1.2i Functionele emailadressen <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>  
**Subject:** RE: First thoughts

Hi 5.1.2e

Thanks for the update and following up.

Yes, 11am today is fine for me. Does that work for you, 5.1.2e ?

5.1.2e

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**From:** 5.1.2e <5.1.2e@rivm.nl>

**Sent:** 30 September 2020 15:46

**To:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>

**Subject:** RE: First thoughts

Great! GGD Leiden have been in contact with the 5.1.2e of the choir, she is infected herself as well but she is willing to cooperate, I have her contact details.  
Regarding to the sequencing, there are 8 (!) different laboratories involved, GGD Leiden is contacting 2 laboratories but the other ones are connected to other GGD's. So I will contact those tomorrow to ask if they can instruct their laboratories to send the materials to the IDS lab.

Good idea to have a quick call tomorrow. Would 11 a.m. suit you?

---

**From:** 5.1.2e <5.1.2e@rivm.nl>

**Sent:** woensdag 30 september 2020 15:31

**To:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>

**Subject:** RE: First thoughts

Hi 5.1.2e

Yes, that would be interesting to also look into the other reported clusters among other choirs too! Thanks for following up on this.

Perhaps we can have a quick call with 5.1.2e tomorrow to touch base?

Also, I have incorporated the feedback from 5.1.2e on the proposed questions in the attached document.

5.1.2e

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**From:** 5.1.2e <5.1.2e@rivm.nl>

**Sent:** 30 September 2020 14:20

**To:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>

**Subject:** FW: First thoughts

Hi 5.1.2e

One of the choir clusters appeared to be in my GGD area (Leiden). The cluster consist of 9 confirmed cases know (PUIC choir in Leiden). I've contacted my colleagues and they will try to pursue the laboratories to send the materials to the IDS lab for sequencing, and they will contact the conductor to ask if they are willing to cooperate.

I will keep you posted \*

5.1.2e

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**From:** 5.1.2e <5.1.2e@rivm.nl>

**Sent:** woensdag 30 september 2020 12:17

**To:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>

**Cc:** 5.1.2e <5.1.2e@rivm.nl>

**Subject:** RE: First thoughts

Hi 5.1.2e

5.1.2e told me there were 3 other reported cluster among choirs.  
Maybe it's a good idea to search out if these choirs could be used for an outbreak investigation as well?

Kind

---

**From:** 5.1.2e <5.1.2e@rivm.nl>  
**Sent:** dinsdag 29 september 2020 17:52  
**To:** 5.1.2e <5.1.2e@rivm.nl>  
**Cc:** 1.2i Functionele emailadres <5.1.2e@rivm.nl>; 1.2i Functionele emailadres <5.1.2e@rivm.nl>  
**Subject:** RE: First thoughts

Hi 5.1.2e

Thanks for the questionnaire 5.1.2e I have added a few comments.  
I'm not in tomorrow but hopefully 5.1.2e can update us on the contact the GGD had with the choir.

@ 5.1.2e would you be able to draft a signal for the Signaleringsoverleg based on the available info and discuss this with the GGD?  
And also share it with the Signaleringsoverleg mailbox? Then we can finalize the signal after the SO on Thursday.

Groeten,  
5.1.2e

---

**From:** 5.1.2e <5.1.2e@rivm.nl>  
**Sent:** dinsdag 29 september 2020 13:23  
**To:** 5.1.2e <5.1.2e@rivm.nl>  
**Subject:** RE: First thoughts

Hi 5.1.2e

Latest document is attached and saved in the folder: 5.1.2h  
5.1.2h

List of symptoms is the same as we have in the CONTEST Test Street questionnaire but we could shorten to make it easier.

I added some basic questions on the second page that could be asked for the phone interview for the choir members which we could develop depending on any additional information we receive.

Best wishes,

5.1.2e

---

**From:** 5.1.2e  
**Sent:** 29 September 2020 10:26  
**To:** 5.1.2e <5.1.2e@rivm.nl>  
**Subject:** RE: First thoughts

Hi 5.1.2e

No problem. Would it be helpful if I also start to draft questions for the potential phone interviews (in English)? The ones in our document are more general for the choirmaster/ spokesperson.

5.1.2e

---

**From:** 5.1.2e <5.1.2e@rivm.nl>  
**Sent:** 28 September 2020 17:31  
**To:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>  
**Cc:** 1.2i Functionele emailadres <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>  
**Subject:** RE: First thoughts

Hi 5.1.2e

I think it could still be valuable to do an outbreak investigation also without WGS.  
Have you asked 5.1.2e to get back to me if she has more info tomorrow since you are not in? I am not there

on Wednesday.

Today was a hectic day so could not look at the questionnaire yet, will do that tomorrow 5.1.2e

Groeten,

5.1.2e

---

**From:** 5.1.2e <5.1.2e@rivm.nl>

**Sent:** maandag 28 september 2020 17:11

**To:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>

**Cc:** 5.1.2e <5.1.2e@rivm.nl>

**Subject:** RE: First thoughts

Hi 5.1.2e and 5.1.2e

I've called the local GGD a minute ago. They are foreseeing a lot of problems with retrieving the materials for whole genome sequencing, since there are several laboratories involved, and two of them cannot provide us information about the CT-values of the swabs. I've just e-mailed 5.1.2e to hear his opinion on how crucial this is. Maybe they could send the material anyway and they will find out here at the IDS-lab if there is enough viral load for sequencing.

Do we still think its valuable to perform an outbreak investigation if we may not be able to perform WGS?

5.1.2e (GGD NOG) did not yet ask the contact investigation officer in question about more information and contactdetails of the conductor. She will do this ASAP.

I will not be at the RIVM tomorrow because of training. Hopefully we will get a bit more information on Wednesday.

Have a good evening!

5.1.2e

---

**From:** 5.1.2e <5.1.2e@rivm.nl>

**Sent:** maandag 28 september 2020 16:54

**To:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>

**Cc:** 5.1.2e <5.1.2e@rivm.nl>

**Subject:** RE: First thoughts

Hi 5.1.2e and 5.1.2e

I hope you are well. Did you receive any updates today on the investigation?

Best wishes,

5.1.2e

---

**From:** 5.1.2e

**Sent:** 28 September 2020 08:59

**To:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>

**Cc:** 5.1.2e <5.1.2e@rivm.nl>

**Subject:** RE: First thoughts

Hi 5.1.2e and 5.1.2e

Yes, that's a good idea to ask for date of sample taken too.

5.1.2e please find attached the list of questions with some additional suggestions in red.

Best wishes,

5.1.2e

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**From:** 5.1.2e <5.1.2e@rivm.nl>

**Sent:** 25 September 2020 17:13

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**To:** 5.1.2e <5.1.2e@rivm.nl>; 1.2i Functionele emailadres<5.1.2e@rivm.nl>  
**Cc:** 1.2i Functionele emailadres<5.1.2e@rivm.nl>  
**Subject:** RE: First thoughts

Thanks 5.1.2e

I was just thinking, for the ones the date of onset is missing I already put the question about date of onset in the file for the GGD. But in case it really was an a-symptomatic person it would be good to know the date the sample was taken. 5.1.2e can you ask that as an additional question? I think the GGD can get that info from CoronIT.

Groeten,

5.1.2e

---

**From:** 5.1.2e <5.1.2e@rivm.nl>  
**Sent:** vrijdag 25 september 2020 16:39  
**To:** 5.1.2e <5.1.2e@rivm.nl>; 1.2i Functionele emailadres<5.1.2e@rivm.nl>  
**Cc:** 1.2i Functionele emailadres<5.1.2e@rivm.nl>  
**Subject:** RE: First thoughts

Hi 5.1.2e and 5.1.2e

Thanks for the call earlier. Please find attached an epicurve (also saved in the [folder](#)). Do let me know if anything needs to be changed and I can update it as we receive additional information.

Thanks 5.1.2e for sharing the questions, I will have a look and share it back by Monday.

Have a nice weekend,

5.1.2e

---

**From:** 5.1.2e <5.1.2e@rivm.nl>  
**Sent:** 25 September 2020 16:11  
**To:** 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>  
**Cc:** 1.2i Functionele emailadres<5.1.2e@rivm.nl>  
**Subject:** RE: First thoughts

Hi,

I have made a separate file with the basic info and questions for the GGD.

Thanks for forwarding this to the GGD 5.1.2e Can you send it using the zorgmail safe send mode?

Have a nice weekend,

5.1.2e

---

**From:** 1.2i Functionele emailadres<5.1.2e@rivm.nl>  
**Sent:** vrijdag 25 september 2020 15:34  
**To:** 5.1.2e <5.1.2e@rivm.nl>  
**Cc:** 1.2i Functionele emailadres<5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>  
**Subject:** First thoughts

Hi 5.1.2e

As I told on the phone, I started a document with my first thoughts about what to ask the choir members (whether or not in a focus group). Feel free to add/remove/change questions.  
@5.1.2e: I do not have access to the folder.

I will update you both on Monday & have a good weekend!

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[www.rivm.nl](http://www.rivm.nl) *De zorg voor morgen begint vandaag*

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