
USER EXPERIENCE SURVEY RESULTS – DUTCH STREET TRIAL



RADBOUDUMC & CWZ

The Radboud University Medical Center (Radboudumc), is the teaching hospital affiliated with the Radboud University Nijmegen, in the city of Nijmegen in the eastern-central part of the Netherlands.

Under the supervision of Professor Andreas Voss Head of Microbiology at Canisius Wilhelmina Hospital (CWZ) and Dr Bert Mulder, physician and microbiologist at CWZ, a usability trial with Rhinoswab was conducted by Dr Tim Stoberneck a Postdoctoral Researcher at Radboudumc.

With the support of the Municipal Health Authority (GGD Gelderland Zuid) the study was conducted at a street testing site.

People were invited to take part in the study after a NP swab sample had been taken by a healthcare worker.

374 people agreed to self tested with Rhinoswab and all samples were tested by rt-pcr.

Participants were also asked to take part in an online survey with 206 completed surveys achieved.



FEEDBACK FROM THE TRIAL SUPERVISOR

- *“The CTN swab, the current gold standard at the testing street, takes around 3 minutes. Two HCWs are required; one to check the patient ID and take care of labeling, scanning and further handling of the sample. The other HCW takes the actual sample and cleans the chair, table and any others surfaces.*
- *Especially in situations where the sample collection does not work smoothly (e.g. due to gagging, sneezing etc.), the three-minute scheduling is very tight and puts a lot of time pressure on the healthcare workers.*
- *With Rhinoswab, only one HCW is required to supervise the sample collection. The HCW does not have to touch the patient and can do the administration in the clean area while the patient is collecting the sample. This is much more efficient in terms of staff and personal protective equipment.*
- *What we did not test in this set-up was the possibility of several people being tested simultaneously under the supervision of one healthcare worker. If a testing facility is set up with multiple collection tables next to each other, with instruction for use on each table, I would estimate that a single healthcare worker can supervise up to 10 people at the same time. This could increase the testing efficiency dramatically.”*

(Source: Interview with Dr Tim Stoberneck)

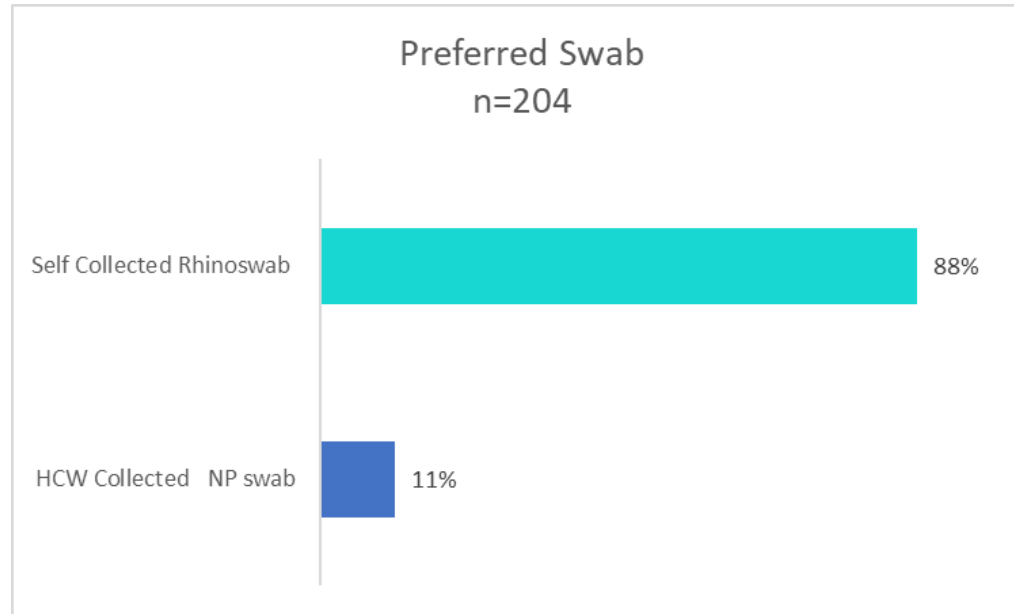


RHINOSWAB VS NP SWAB



89% OF USERS PREFERRED RHINOSWAB TO THE NP SWAB

All respondents had previously had a NP swab and compared their experience to the Rhinoswab experience.



REASONS FOR PREFERRING RHINOSWAB

Easier

- Much less invasive
- Easy, fast and without pain
- Much more enjoyable and easier
- It is easier, faster, less annoying and can possibly be used from home in the future.

Less Invasive

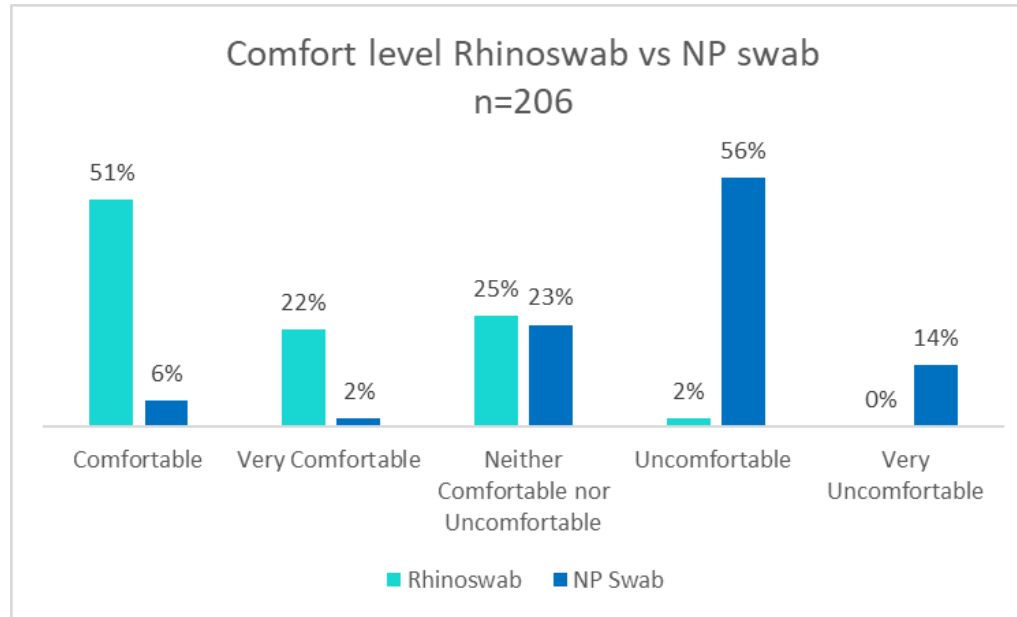
- It hurts less. Also, I think people who are afraid of testing can't be afraid of this! It does not go deep inside your nose
- Less deep in the nose and throat, so more pleasant
- Throat/nose swab may go too deep or too shallow. This is just right.

Comfortable & Convenient

- This method is 100x more pleasant than the throat and nose swab. No gagging tendency, no annoying feeling in the head. This swab is less deep and therefore easy to do. And I can do it without help, so I can control the insertion myself. I don't have to go to a testing facility and its more comfortable.
- Less stressful and more comfortable
- It is painless and comfortable
- Can be performed independently and a lot more comfortable
- Was painless and I didn't have to gag
- Because I can apply it myself, it's easy and I don't have any pain or discomfort
- This method is generally more pleasant, and it is a relatively quick test.

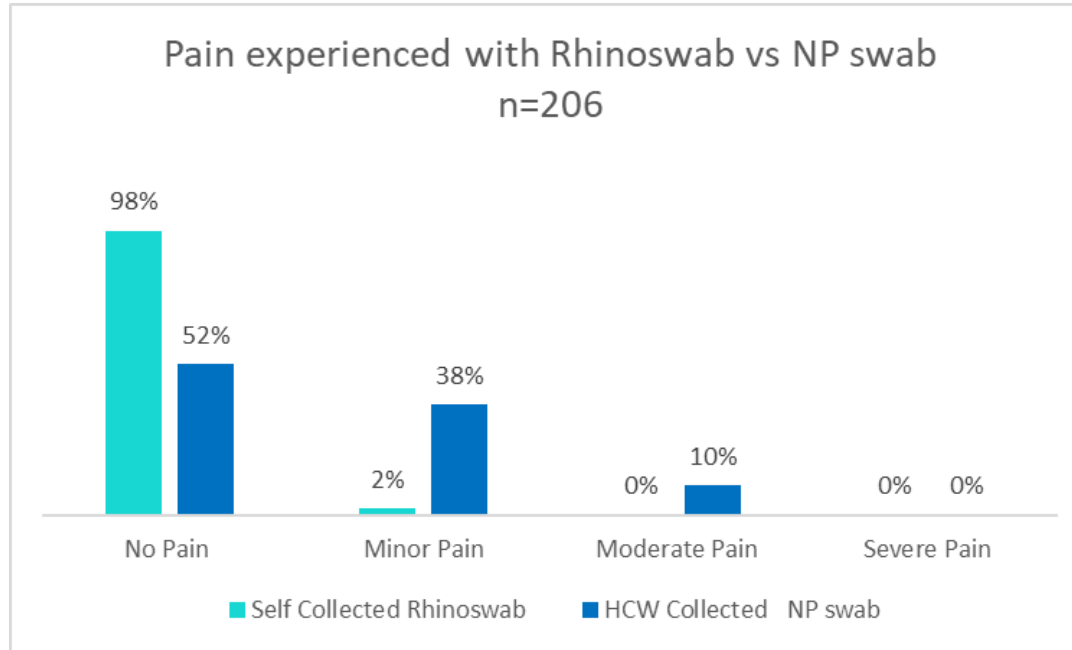
COMFORT LEVEL RHINOSWAB VS. NP SWAB

73% of users found Rhinoswab to be comfortable or very comfortable while 70% found the NP swab uncomfortable or very uncomfortable.



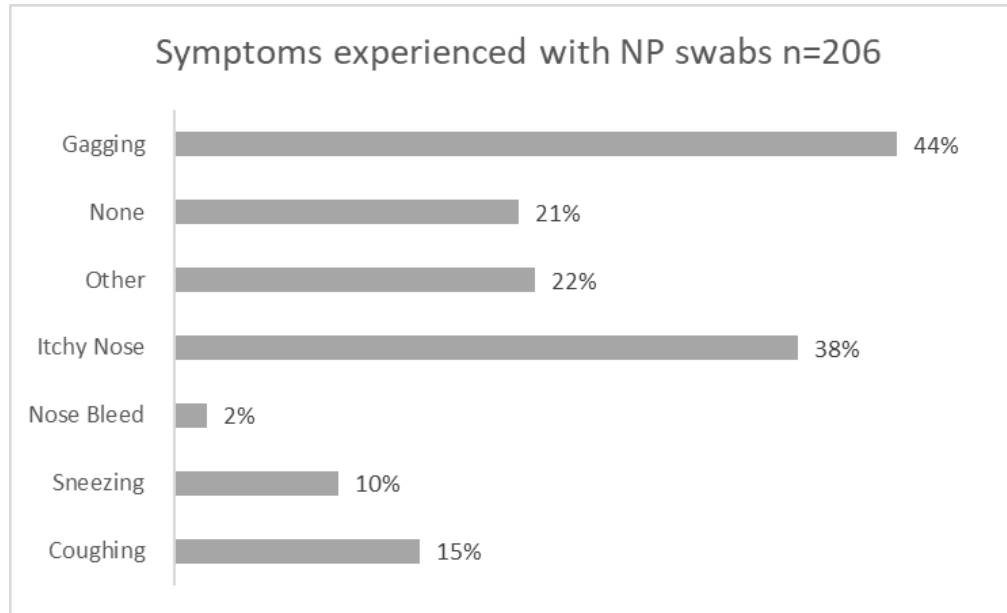
PAIN EXPERIENCED RHINOSWAB VS. NP SWAB

98% of users felt no pain with Rhinoswab while 48% of users experienced minor to severe pain with the NP swab.



NP SWAB - OTHER SYMPTOMS

Other symptoms experienced with the NP swab included an itchy nose and sneezing.

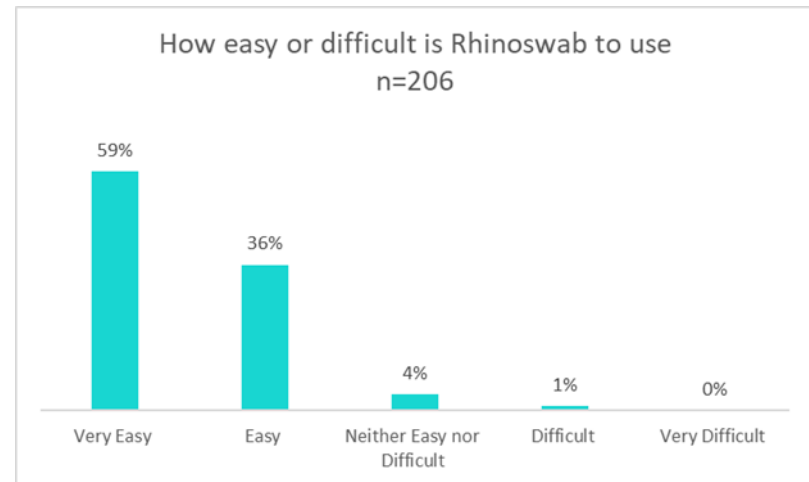
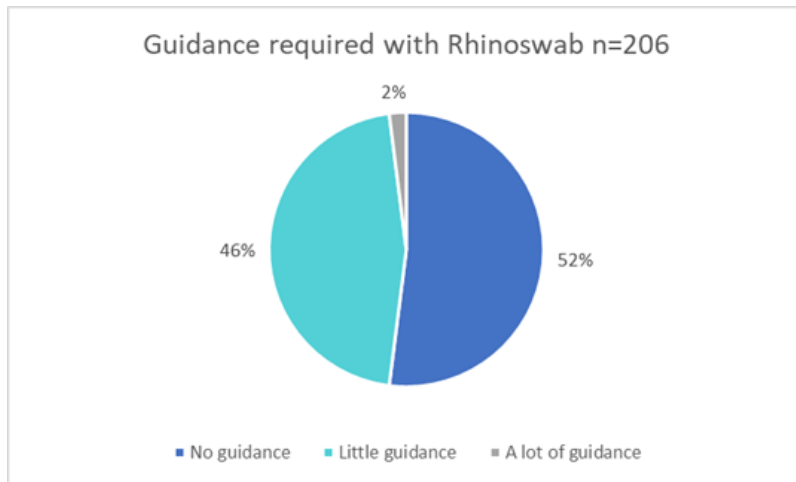


THE RHINOSWAB EXPERIENCE



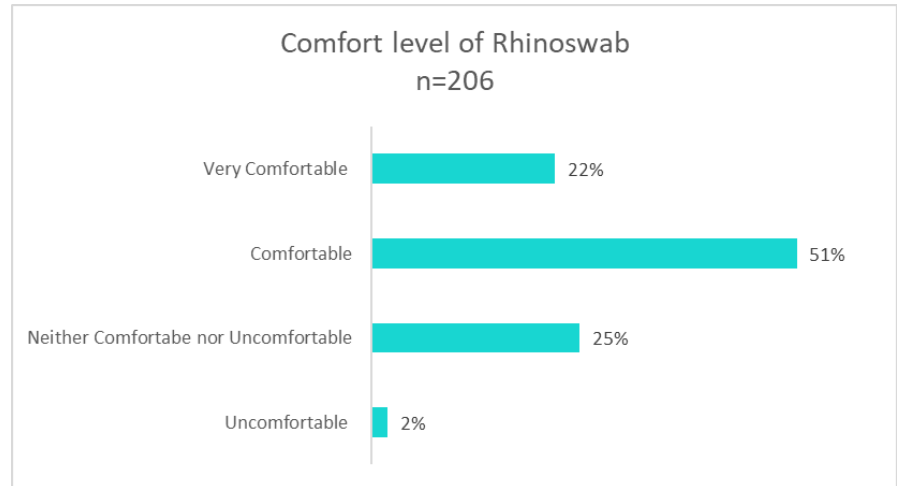
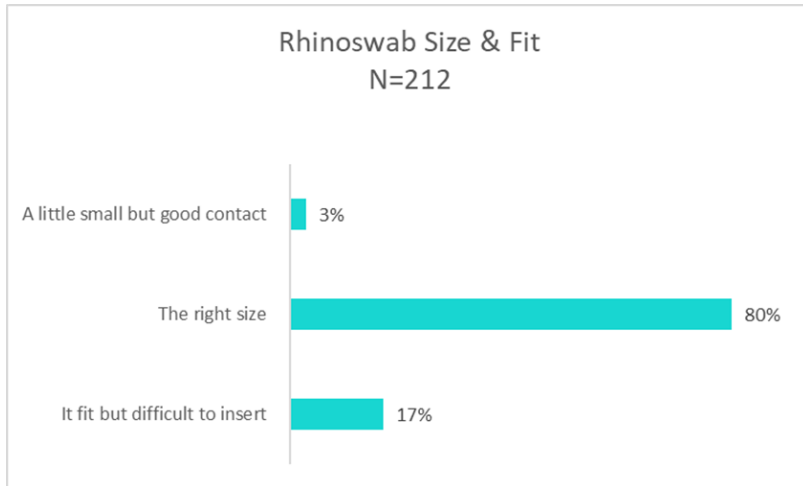
RHINOSWAB IS EASY TO USE – LITTLE OR NO GUIDANCE NEEDED

98% of users needed little or no guidance when trying Rhinoswab, and 95% found it was easy or very easy to use.



RHINOSWAB SIZE & FIT IS COMFORTABLE

80% of users found Rhinoswab was the right size, with only 2% of users finding it to be uncomfortable.



RESPONDENT AGE RANGE

