

## Cluster Headache report

This is our first monthly report about our Cluster Headache research. This report will for now, mainly contain information based on your data.

Every month we will create an updated version of the report with new visualizations

This is the start of our patient driven research for Cluster headaches. If we will solve our puzzle on our own, I have no idea. But at least we do something together, to see how far we can go.

I would like to thank Ubiquum Code Academy: Sara, Valerian and Daniel, for the support to get this report build for us.

I would like to thank you all for joining Nobism.

### Rogier Koning

info@nobism.com  
<https://nobism.com>

## About this report

### Ubiquum Code Academy



This report is made by students of the Ubiquum Code Academy to support the Cluster headache community.

### nobism



nobism is setup to get 100% patient driven research up and going. The goal is to collect as much data as we can, and use that to get our questions

answered.

**Cluster headaches** take over your life.  
*I hope together, we can take some of that back.*

### OpenHumans

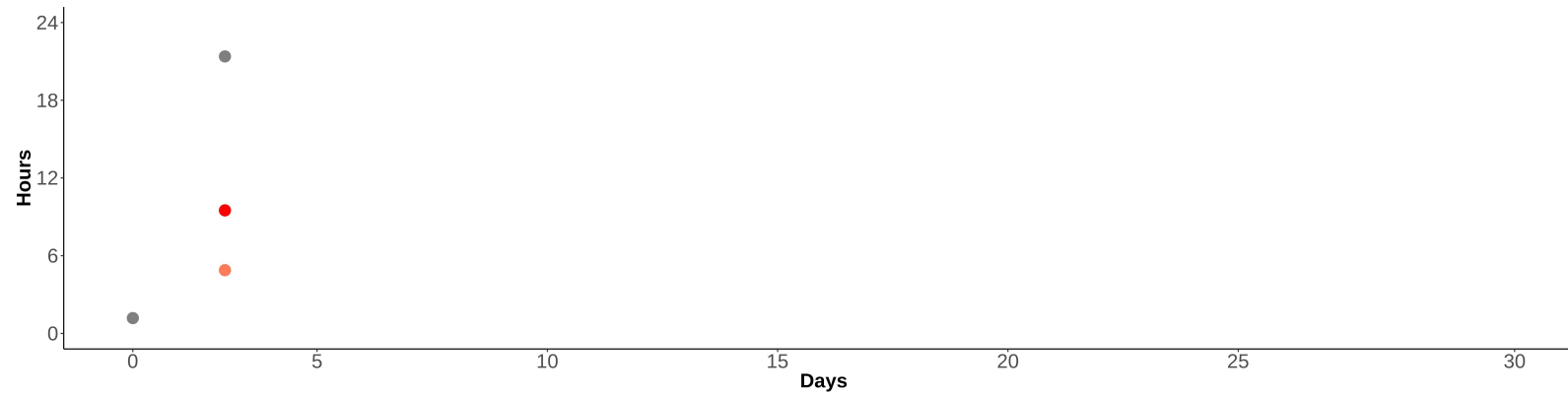


The nobism app is connected to OpenHumans.org to give you the option to store your data in your own account. Data you shared with Ubiquum is

used to generate this report and uploaded back into your OpenHumans account.



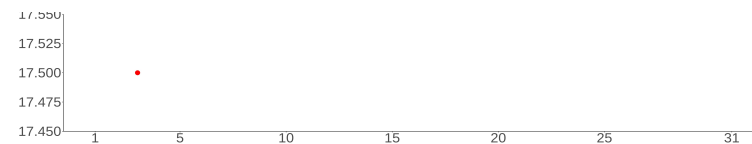
# TIMELINE



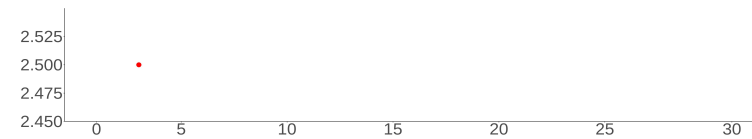
This timeline is an important feature inside the report looking at visualizing all the attacks you had through time. We think with this timeline you can get a first insight in your change in attacks through time and I hope it can help you show your specialist on how you are doing.

The timeline is build with days of your registered time and on the side all the hours of the day. Every attacks is placed on the right day and hours to create this timeline.

Average **Duration** of attacks per day



Average **Intensity** of attacks per day



Average **frequency** of attacks per day

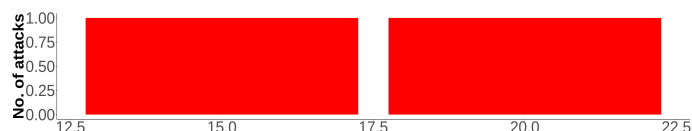


# Resume of Attacks

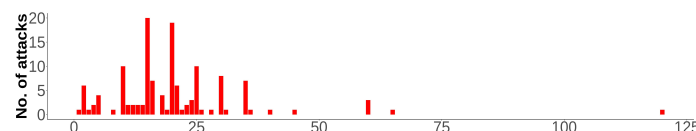
Aside from the timeline, we would like to give some insight in other things related to your Cluster headache attacks. An interesting thing to know is if you have more attacks during the night or during the day, or how the durations of your attacks are in more detail

This month, the average duration of your cluster headache were 18 minutes, with a mean intensity of **2.5**. **The crisis were longer during the day ( 20 minutes ) than during night\* ( 15 minutes ). They were generally stronger during day ( 3 against 2 for the night ).**

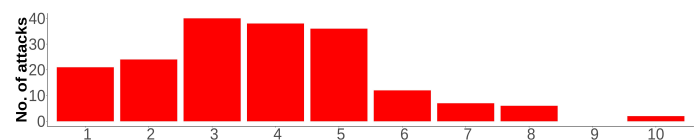
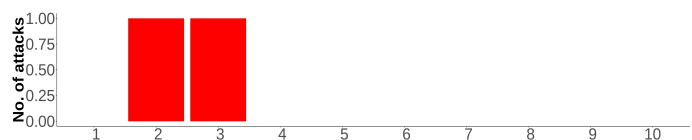
## Last month



## All Time



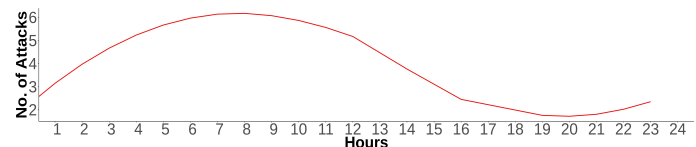
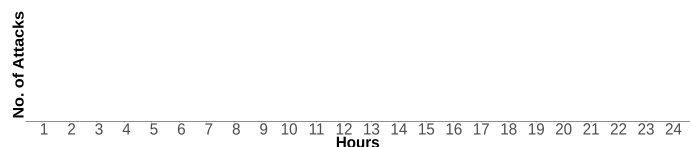
These 2 graphs show your **average duration of attacks**. The left is from last month and the right one of all your attacks together.



These 2 graphs give insight in how many attacks you had with what intensity. Your average intensity is

**3.8**

All Time



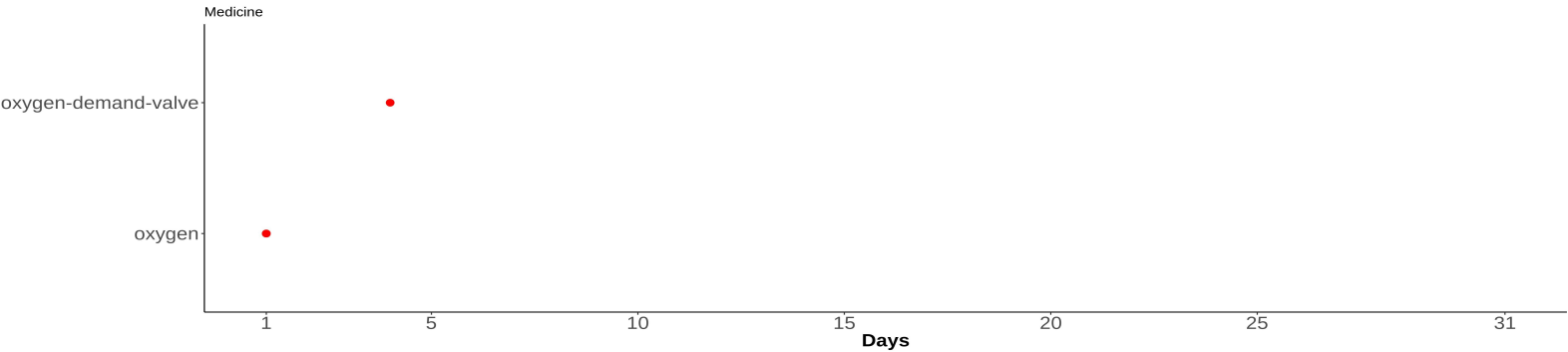
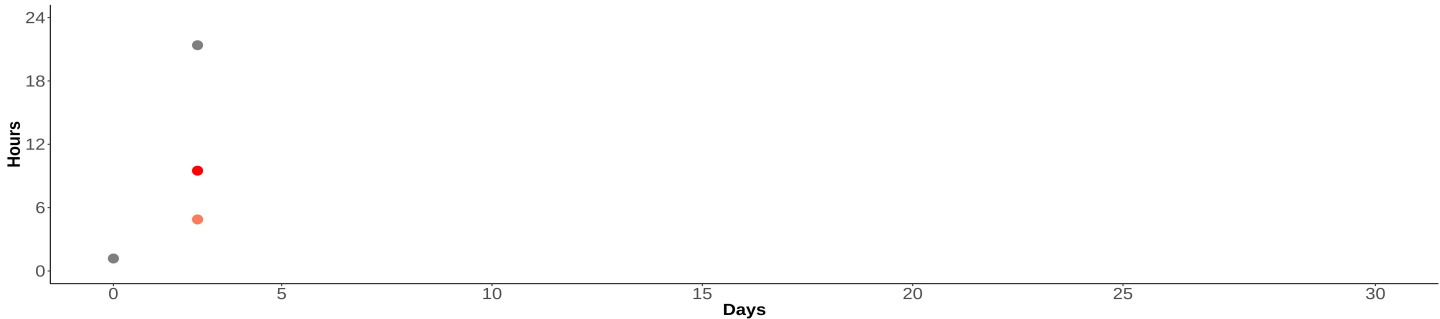
These 2 graphs show when you had your attacks during a day.

# Resume of Treatments



Its interesting to know what treatments you took, its also good to see when you took these treatments and how your attacks responded to it. So we display here a timeline of attacks together with a timeline of your treatment intake.

This month you used 1 different treatments.



## Extra information

We haven't been able to display all the data everybody collected yet. This is something we will work on in the coming month. Some of us collect temperatures, blood pressures or even when they go to bed and wake up. Information about these data will be added later. We will also start soon with Machine Learning. Machine learning is used to help us find trends and patterns in our data.

### Your general statistics

- Complete amount of data points (**612**)
- Period (**908** days)

### General statistics all users

- Complete amount of data points ()
- Complete amount of CH attacks()

### Amount of buttons used ()

- Symptoms ()
- Medicines ()
- Alternative medicine ()
- Minerals and Vitamins ()
- Therapy ()
- Food & Drinks ()

*this report can contain mistakes. Please let us know if you see something that is not correct, so we can see what the problem is and improve it for a next update of this report*

This page contains a resume of your data. It shows what buttons you used, if you have missing or incomplete data or other information.

### Buttons you used

#### Symptoms

- Cluster headaches (**131**)
- Watery tearing eye (**0**)
- Neck pain (**10**)

#### Medicine

- Oxygen (**49**)
- Lithium (**0**)
- Sumatriptan (**1**)
- Toporimato (**0**)

#### Alternative Medicine

- Magic Mushrooms (**15**)

#### Vitamins & minerals

- Vitamin D (**1**)
- Magnesium (**0**)



## Wrong or missing data

every sometime we can forget to add the duration of attacks or dose of treatment. We try to give a resume about the "wrong collected", or missing data.

We saw this month you have 0 % are missing or wrong data. On all your data together we see **57.98** % are wrong or partial

Result of missing data in this report, could be that one registration is used to display in one graph, but not on another. Like if you do collect the intensity of attacks but you didn't keep track of durations. Then the attacks will be on your timeline, but it will not be used to calculate averages about durations.

So make sure you collect intensity AND Duration in Symptoms and make sure you set a dose when making registration.

***This function is in development and is not 100% accurate yet. We will work to improve this***