



## The Patient Reported Outcome Measure-select app

The **PROM toolbox** consists of the **PROM-guide**, step 3 accompanied by **The literature review on the use of PROMs**, and **the PROM-cycle** of which step 2 and 3 are supplemented with generic PROMs in **the Linnean menu**. The PROM-links tool provides links to useful websites. In addition, the PROM-overview is an Excel database containing PROMs accompanied by relevant information made available via a user-friendly web-application helping users to select PROMs: **The PROM-select app**. The making of the PROM-overview & PROM-select app is a report describing their development.

The PROM-overview contains Person/Patient-Reported Outcome Measures (PROMs) recently used in the EU in i.e. in the fields of our HTx case studies: Head and Neck Cancer, Diabetes Mellitus, Multiple Sclerosis, MyeloDysplastic Syndrome, (Long lasting) COVID and in general. The PROM-overview is made available in a user-friendly web-application helping users to select PROMs: **The PROM-select app**: <https://www.prom-select.eu>.

Then, using **this PROM-select app** you may choose your selected PRO you want to measure and relevant health problem or patient group/population. When selected a PRO and health problem you will get a list of relevant PROMs. When clicking on a PROM, you will find an overview of relevant information about the PROM and links to more information.

Please

- open the PROM-select app <https://www.prom-select.eu> and
- select a PRO and health problem and then
- select a PROM.
- Try to find more information of a PROM selected by clicking on it.
- Fill in the questionnaire on the next page and
- Email me the questionnaire: [EQuik@zinl.nl](mailto:EQuik@zinl.nl)



## Usability test/User-friendliness check of the **PROM-select** app

<https://www.prom-select.eu>

What kind of device did you use? If possible, test the app on more than one device.

- Laptop**
- IPad**
- IPhone**
- Mobile (android)**
- Other, namely ... ..

What kind of web browser did you use?

- Mozilla Firefox
- Google Chrome**
- Microsoft Edge**
- Internet Explorer
- Other, namely ... ..

Does **the PROM-select app** look appealing to you? **Yes / no**

If no, please state what not: ... ..

Is the content correct without any spelling or grammatical errors? **Yes / no**

If no, please state the errors: ... ..

Did you find **the PROM-select app** easy to navigate? **Yes / no**

If no, please state why not: ... ..

Could you find the button to **the PROM-select app**? **Yes / no**

If no, please state why not: ... ..

Could you select a Patient/Person Reported Outcome (PRO)? **Yes / no**

If no, please state why not: ... ..

Could you select a PRO measure (PROM)? **Yes / no**

If no, please state why not: ... ..

Did you find any broken links and/or images? **Yes / no**

If yes, please state the errors: ... ..

Did you get an error message? **Yes / no**

If yes, please state error message: ... ..

Other remarks: ... ..

Thank you very much for completing this! Please email to: [EQuik@zinl.nl](mailto:EQuik@zinl.nl)



## Report

The most frequent answers of 27 filled in questionnaires were mark in bold in the questionnaire above. So the select app is found to be user-friendly.

Other remarks, some of them were resolved see statement in blue, were:

Link function when clicking on the HTx logo was missing, expected was to go home when clicking on the HTx logo.

As a reaction to this remark the logo was changed to meet the expectation and got a home function when users click on it.

Search function is missing.

Some things were written in Dutch.

The newest PROM-overview Excel file was checked for Dutch and all was translated to English. In addition, a spelling check was performed in English United Kingdom.

As a small contribution, I would propose to put the sentence "Choose 1 or more Patient Reported Outcome(s) and/or 1 or more health problem(s) from the items below" before the selector buttons and leave only the "No selection made" part in the "Search results" box. I think it would make it more intuitive.

It is a bit confusing that when you select a PRO the menu disappears and you need to press the button again if you want to select another PRO. If possible, it would be more usable to keep the menu to allow selecting several PROs in one click.

In several cases, such as the WHO 5 the WHO (Five) Wellbeing Index scale, Available languages, it is written "Danish for Denmark English for the UK"; I don't fully understand why it is important to indicate the country

I suggest to include available language in all cases, at least indicate if it is available in English, for example in "PROMIS Pain Interference Patient-reported Outcomes Measurement Information System (PROMIS)", available languages does not appear. In this way the information contained will be more uniform.

We choose to only display variables that were filled in in the Excel sheet. In this case, PROMIS, the info (languages) can be found using the link to the PROMIS website: <https://www.healthmeasures.net/explore-measurement-systems/promis>.

One suggestion: since the same categories are not shown for the all the PROs, I suggest to use different background colors (light colors) to visually identify



faster the section that you are looking for (e.g. link to source, or to other scientific works).

When clicking on the to select app button an message: ‘fetching data’ appeared in 4 cases.

A security header blocked the data, this is now resolved via fine tuning.

