The patient as a scribe-intern

On Wednesday, 9 September, MP50 will launch the MP50 app in collaboration with IT service provider Sosaro. This app allows patients to create their Medical History, keep it up-to-date, and present this data in a compact format such as any doctor learns during medical school.

Medical History taking costs a doctor between 5 to 25 minutes, while general practitioners in the Netherlands only have 10 minutes for a consultation. With the MP50 app, the patient can fill in their history and easily keep that up-to-date. That saves time, provides better information, and a better workflow. Every doctor, general practitioner, or specialist, is immediately relieved of that time-consuming task.

How does it work?

Using the MP50 app, the patient needs 15-45 minutes for entering the full Medical History; updating takes 5-10 minutes. The answers are collected in understandable language and translated into an informative pdf. This document gives an overview of the Medical History that the patient and the doctor can print, annotate, store, and share with trusted care staff. The doctor can use the document when referring to a colleague and save it for his administration. On the iPad, the PDF document can easily be viewed and supplemented with handwritten notes. That allows the doctor to work sitting in front of the patient instead of sitting behind a screen.

The patient can adjust the digital file at any time and add information; with each update, the file stores with a new timestamp. That way, the patient starts his longitudinal patient history record, which is always up-to-date and limited to a small PDF document. That is an advantage over current electronic patient records. Also, the patient chooses which parts he shares with the medical professional and can always adjust the file himself. For privacy reasons, anonymous use also is an option because the patient shares self.

The benefits of the MP50 app

In the Netherlands, a general practitioner has 10 minutes for a consultation, in Belgium and Luxembourg 15, in Sweden, has 25 minutes. By making such Medical History, the care becomes faster, better, more pleasant, and cheaper:

1. *Better and more enjoyable* workflow. Because the patient participates structurally in his care, the doctor and caregivers save a lot of valuable time. During appointments, the patient enjoys more eye contact and better social interaction with the care provider.
2. *Better information.* The MP50 app provides better information, and that means better care, fewer misdiagnoses, and fewer referral errors.
3. *Time-saving.* With each appointment and transfer, the MP50 app saves 3 to 25 minutes of work, more than 24 hours per patient's life. In the EU, that frees up an extra 100,000 full-time care providers available each year. That is in the order of magnitude of the chronic shortage in the EU.
4. *Privacy.* The patient can fill in, delete, and share the app in person with the doctor or health care workers. And so always stay in charge of the PDF. Anonymous use and sharing in print or on phone-screen are practical options as well.
5. *Open-source.* The source code of the MP50 app and the general questionnaire is available open-source so that it can easily be used anywhere in the world. Each clinic can have a server set up and maintained for its patients for little money. The use of the app is free for all patients. The Dutch and English versions are available already. For emergencies, automatic translations are available in 120 languages. Supervised translations follow.

An online demo for doctors at your workplace

Are you interested in the MP50 app? MP50 will give online demonstrations to doctors from 7 September 2020. Dr. Hans Hendrickx provides the demo online. In 15 or 30 minutes, he explains how it works and gives suggestions for use in practice. Sign up for a demo via the Sosaro website https://sosaro.com/en/schedule-a-demo/ or via the QR code:

About the developers

MP50 developed thanks to the collaboration between Dr. Hans Hendrickx, physicist-programmer Tom Blauwendraat and the Utrecht (The Netherlands) based IT service provider Sosaro. The software is developed, implemented, managed and hosted by an international collaborative staff. The parties are proponents of open-source programming for the benefit of a better world.

Dr. Hendrickx is an anesthesiologist. His profession has led preoperative screenings clinics for the past 30 years, which has created the idea for mass,

useful, and rapid online screening. MP50's vision is that every patient should carry a medical history during each doctor's appointment and with every transfer throughout the chain of care. That idea has evolved into a general tool to use it for every visit to a doctor, not only anesthesiologists. Dr. Hendrickx has developed and tested the logic and framework for over 20years. In a pilot study with 590 patients registering into a large general practice, there was a saving of 3.5 minutes in administration time and 4 minutes of doctor time (2019, IHCH, The Hague).

Doctor-Ambassadors wanted

MP50 likes to get in touch with doctors who are considering becoming ambassadors for their specialism. They teach physician ambassadors how to create and manage questionnaires themselves. Doctors can then adapt the software themselves, tailoring the questionnaire for their practice and specialty. On the Website of Sosaro, you can find more explanations and images.

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Note to editors (not for publication)

Media kit

The media kit for the "The Patient as a scribe-intern" campaign is available on Sosaro's website under "Investors & Press":

https://sosaro.com/nl/investors-press/

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