

OUTPATIENT CLINIC APPOINTMENT →

Electronic services before and after an outpatient clinic appointment (case: paediatric and adolescent diabetes care pathway)

The need

Type 1 diabetes is more common in Finland than anywhere else. The outpatient clinic for children and young people with diabetes at Oulu University Hospital regularly monitors approximately 470 patients who are under 19 years old. When a child is diagnosed with diabetes and admitted to a hospital ward, diabetes therapy education provided to the patient and his or her family includes insulin administration and injection education, education on blood sugar monitoring, diet guidance, exercise guidance, guidance on social security issues and guidance by a health professional. In addition, blood sugar is monitored, tissue sugar measurements taken, and daily insulin dosage determined. There is a clear need for electronic notes and a communication platform to guide children and young people with diabetes as well as their families through the initial care practices.

The solution

Electronic follow-up forms for monitoring blood sugar levels at hospital wards. The solution is meant for the use of healthcare professionals. The 'MyDiabetes.chat' is an online mobile online handbook and a chat tool that facilitates the communication between diabetes clinics and patients' families.

#Diabetes

#Chronicdiseases

#Healthinnovations






Impact

- For professionals: Technology solution available* for electronic in-hospital blood glucose monitoring. Chat tool for patient and family guidance (real-time and offline communication)
- For patients and families: a comprehensive diabetes handbook 'online-in-your-pocket' and a chat tool for communicating with healthcare professionals

(*) These results come from regular end-user testing during the co-creation by healthcare professionals at the Oulu University Hospital Testbed.

Co-creation and Business Support

Pilot region: Oulu (Finland) | Period: May 2018 - December 2018

 Challenger	 Solver	 Users	 Supporter	 Funder
Oulu University Hospital	ProWellness Health Solutions	Patients and their relatives	BusinessOulu	Oulu Region Council
6 Nurses 3 MD 2 Innovation Experts	2 software engineers, 1 project assistant CEO	6 female patients 6 male patients 6 female relatives 6 male relatives	3 business development experts	2 experts

Hear the stories!



Co-creation with healthcare professionals is the best way to guarantee that a company stays focused on developing the right solution. In the case of start-ups, business development support is also of great importance.

Mika Sipilä, CEO at ProWellness Health Solutions



Päivi Tossavainen, Medical Director, PhD at Oulu University Hospital was the intrapreneur proposing this challenge



About inDemand

inDemand boosts digital health solutions proposed and co-created with healthcare professionals

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