Towards AI powered patient journeys:
How patient-reported outcome measures can help improve healthcare?

Mobile applications meet the virtual care
OuluHealth Ecosystem Day 21.2.2017

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Intelligent patient monitoring

Kaiku Health is a digital platform for monitoring patient-reported outcomes. Its unique algorithms screen symptoms, alert care team and trigger personalized instructions for patients.

CE-marked Class 1 Medical Device in Cancer Care
Problem: Traditional reactive approach to patient monitoring is not sustainable in the future
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Clinical staff is unaware of cancer patients’ symptoms up to 50% of the time resulting in decreased quality of life.

(Pakhomov et. al, 2008)
Hearing the voice of the patient

Electronic patient-reported outcome measures (ePROMs) reveal patient’s views on how cancer treatments impact their quality of life.

In cancer care, using ePROMs has already been proven to **improve quality of life and enable better overall survival rates** (5.2 months) amongst metastatic cancer patients.

[Basch et. al, 2016]
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Top international references

Therapy monitoring
e.g. oncology, infertility

Preventive monitoring
e.g. occupational health

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How Kaiku Health clinics have benefitted from using ePROMs

Better patient experience

1. Patients feel more safe and listened to
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**Cost-effective follow-up and early detection**
3. Nurses and doctors save time in preparing for patient meetings or phone calls
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4. Capturing PRO data can help recognize symptoms and potential risks earlier
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4. Capturing PRO data can help recognize symptoms and potential risks earlier
5. “The better data we have, the better we can treat the patient.”
95% of patients report that Kaiku Health supports their therapy

10x more outcome data points

1000+ patients screened by one health care professional

40,000+ monthly contacts

70-80% of all patient communication in Kaiku Health across different specialties

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47,6 %
of cancer patients using Kaiku Health are over 65 years old
THANK YOU!

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