

Kayentis

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Mobile technologies & wearable devices for Healthcare and Clinical Research

kayentis · Monday, November 27th, 2017

Mobile technology & wearable devices are becoming increasingly prominent in healthcare and clinical research, but we're only starting to understand this field.

[Chris Barden](#) at Kayentis has taken part in researching this topic with the [PhUSE](#) mHealth working group, a sub team of the Future Forum Interoperability & Technology working group.

From definition of mHealth to perspectives for patients, clinical research, therapy areas, discover the progress of our research group.

Thanks to all the members of the PhUSE mHealth working group: Paul Vervuren, Nutricia Research; Frank Dietvorst, PW Consulting; Chris Barden, Kayentis; Puspita Roy, Nutricia Research; Annemarie Lutz, PW Consulting; Benedikt Egersdoerfer, Bayer; Gary Luck, Accenture.

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Mobile Technologies & Wearable Devices for Healthcare and Clinical Research

Paul Vervuren Frank Dietvorst Chris Barden Puspita Roy Annemarie Lutz Benedikt Egersdoerfer Gary Luck
 Nutricia Research PW Consulting Kayentis Nutricia Research PW Consulting Bayer Accenture

Definition of mHealth

WHO: mHealth involves the use of and capitalization on a mobile phone's core utility of voice and SMS as well as more complex functionalities and apps including GPRS, 3G and 4G systems, GPS, and Bluetooth technology"

US National Institutes of Health: the diverse application of wireless and mobile technologies designed to improve health research, health care services, and health outcomes

Interested to join?

The mHealth working group is keen to welcome new volunteers. If you are interested, please contact the leads or PhUSE office for more information.

mHealth working group

Mobile technology & wearable devices are becoming increasingly prominent in healthcare and clinical research, but we're only starting to understand this field.

This poster presents the work in progress of the PhUSE mHealth working group, which is a subteam of the Future Forum Interoperability & Technology working group.

PhUSE Future Forum

Future Forum is a strategic program to drive innovation within the PhUSE community, and to help shape the industry, using the collective intelligence and the collaborative power of PhUSE as a volunteer organization.

There are currently two Future Forum working groups: 'Process' and 'Interoperability & Technology'.

The mHealth working group is a subgroup of the 'Interoperability & Technology' working group

Conclusion & Next steps

The working group has mapped out the theme mHealth, and is researching and elaborating different perspectives on the subject. Aim is to work these out as a paper, or different ones, over the next months.

Building on this knowledge base, further steps are envisioned, such as interviews with thought leaders, experts and vendors in the field, to be synthesized with research results and with further publications in mind.

The working group's research on different perspectives on mHealth

Patient, Usage, Technology

Disease/Therapy areas, Patients, Value & Potential

Clinical research, Technology, Geographies

mHealth SDE Utrecht 2018

Preparations are being made for a Single Day Event in Utrecht, The Netherlands in February 2018. Like previous successful editions, this SDE will be chaired by Paul Vervuren and Jules van der Zalm. If you're interested to present a paper or to sponsor the SDE, please contact the organizers or PhUSE office.

The working group is continuing its research and more will be presented during the first PhUSE Single Day Event 2018 focused on Mobile technology in Clinical Research.

- **SDE Date:**

Wednesday, 7th February 2018, Hosted by Nutricia Research Centre, Utrecht, Netherlands

- **Event Description:**

The use of mobile technology such as wearables, sensors and smart devices is becoming increasingly prominent in healthcare and clinical research. Clearly, we're only just starting to understand this field. Challenges may be found in the collection of data from digital devices, the analysis of the data, and the interpretation of the results. Many new opportunities remain to be identified as to how this data can be used to the advantage of patients and consumers in terms of health monitoring, curing disease, relieving symptoms, or improving overall quality of life.

This will be the third Utrecht SDE in succession. We hope to make this event as interactive and attractive as previous editions. The event organisers aim to attract presenters to share and discuss experiences, best practices, ideas and visions for the future of mobile technology in clinical research.

- **SDE Chairs:**

If you are interested in presenting, please contact the SDE Chairs with a brief abstract by Friday, 8th December.

Contact the SDE Chairs with your presentation abstract:

Jules van der Zalm, OCS Consulting

Paul Vervuren, Nutricia Research

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