

Press release

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Basic information

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Department of: Clinical Medicine

Main supervisor: Niels Henrik Hjøllund

Title of dissertation: Patient-reported outcome measures in remote outpatient follow-up

Date for defence: 4/6-2020 at (time of day): 2 p.m. Place: Grundet COVID-19 vil forsvaret blive afholdt som et web-forsvar via Zoom

Press release (Danish)

Ambulant opfølgning i hjemmet baseret på patientrapporterede oplysninger

Patientrapporterede oplysninger (PRO) i klinisk praksis vinder indpas i det danske sundhedsvæsen. PRO-baserede ambulante opfølgingsforløb skaber fleksibilitet, da patienten indrapporterer helbredsoplysninger hjemmefra i stedet for fastlagte hospitalsbesøg. Dermed undgår de besøg i perioder, hvor de har det godt, og der frigøres ressourcer til patienter med akutte og komplekse problemer.

Et nyt ph.d.-projekt fra Aarhus Universitet, Health har undersøgt flere aspekter ved PRO-baseret opfølgning. Herunder karakteristika ved patienter, der visiteres til PRO-baseret opfølgning, funktionen af en algoritme der hjælper klinikerne med at vurdere, om patienten har behov for kontakt samt effekten af en ny PRO-baseret opfølgingsmodel, hvor patienten selv beslutter, hvornår de udfylder spørgeskemaet.

Resultatet viser, at ressourcestærke patienter i højere grad visiteres sammenlignet med patienter med færre ressourcer. Flere faktorer spiller ind, bl.a. patienternes uddannelses- og indkomstniveau, om de bor alene, modtager overførselsindkomst eller har psykiske diagnoser. Endvidere viser spørgeskemaet og den tilhørende algoritme god præcision. Resultatet viser også, at der ikke var forskel i ressourceforbrug, behandlingskvalitet, sygdomsrelateret egenomsorg eller tilfredshed mellem den nye PRO-baserede opfølgingsmodel og det traditionelle PRO-baserede opfølgingsforløb.

Ph.d. projektet har titlen: "Patient-reported outcome measures in remote outpatient follow-up". Projektet er gennemført af ph.d.-studerende Liv Marit Valen Schougaard, der forsvarede projektet den 4. juni 2020 kl. 14. Forsvaret er offentligt, men på grund af covid-19 situationen kan forsvaret kun tilgås virtuelt. Link til den virtuelle begivenhed samt yderligere oplysninger kan opnås ved at kontakte ph.d.-studerende Liv Marit Valen Schougaard, e-mail: livschou@rm.dk

Bedømmelsesudvalg:

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Press release (English)

Patient-reported outcomes as the basis for remote outpatient follow-up

Patient-reported outcome (PRO) data are increasingly being used at the patient level in the Danish healthcare system. PRO-based follow-up provides flexibility in outpatient care, in which patients report health status information from home instead of having in-clinic appointments at the hospital. Thus, they avoid unnecessary outpatient visits if they have stable disease activity and healthcare resources can be used to patients with acute and complex problems.

A new PhD dissertation from Aarhus University, Health has investigated several aspects related to PRO-based follow-up such as determinants associated with referral to PRO-based follow-up, the questionnaire and PRO-based algorithm used by clinicians to decide whether the patient need further clinical attention. The effect of a new patient-initiated PRO-based intervention, in which patients by themselves decide when they need to fill in the questionnaire, was also evaluated.

The result shows that socioeconomically advantaged patients were referred more often to PRO-based follow-up than were vulnerable patients. Several factors play a role including low education and household income level, whether the patients lived alone, received social benefits, or if they had a psychiatric diagnosis. Furthermore, the questionnaire and PRO-based algorithm showed good precision. The result also shows that there was no difference in the use of healthcare resources, quality of care, self-management, or satisfaction between the new patient-initiated PRO-based intervention and traditional PRO-based follow-up.

The title of the project is: "Patient-reported outcome measures in remote outpatient follow-up". The PhD project was carried out by Liv Marit Valen Schougaard who is defending her dissertation on 4th of June 2020 at 2 p.m. The defence is public and will be held as a web defence due to COVID-19 . To receive a link to the virtual event or for more information, please contact PhD student Liv Marit Valen Schougaard, e-mail: livschou@rm.dk.

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