

## Press release

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### Basic information

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Department of: Clinical Medicine

Main supervisor: Annette De Thurah

Title of dissertation: "Self-administration of medication during hospitalisation - Patient involvement, medication errors and health economics"

Date for defence: 21.02.2020 at (time of day): 13.00 Place: Regionshospitalet Randers, Skovlyvej 9, 8930 Randers NØ, Læringscenterets Auditorium (L1), Indgang B, plan 2

Press release (Danish)

"Selvadministration af medicin under indlæggelse - Patientinvolvering, medicineringsfejl og sundhedsøkonomi"

Traditionelt overtager sundhedspersonalet ansvaret for ens medicinering, når man indlægges på et dansk hospital. Samtidig ønsker patienter i stigende grad at blive involveret i deres egen behandling. I nogle andre lande anvendes konceptet "Selvadministration af medicin" (SAM) under indlæggelse. Tidligere forskning har vist, at SAM er forbundet med en række fordele for patienterne som for eksempel uafhængighed fra og samarbejde med sygeplejersker, større tiltro til egne evner og større viden om medicin. Ulemper kan være forkert dosering, og at patienterne ikke tager medicinen som anbefalet, men evidensen på området er fortsat uklar.

Et nyt ph.d.-projekt fra Aarhus Universitet, Health, har i et randomiseret kontrolleret studie undersøgt sikkerheden ved selvadministration af medicin under indlæggelse, samt effekten på deltagernes opfattelser af medicin, patienttilfredshed og ønsker i forhold til medicin håndtering ved fremtidige indlæggelser sammenlignet med medicin-dispensering og-administration ved sygeplejerske. Projektet omfatter desuden en sundhedsøkonomisk evaluering af konceptet fra et hospitalsperspektiv.

Projektet er gennemført på Medicinsk Afdeling, Regionshospitalet Randers af farmaceut Charlotte Arp Sørensen, der forsvare det d. 21/2-2020.

Forsvaret af ph.d.-projektet er offentligt og finder sted den 21/2-2020 kl. 13.00 i Læringscenterets auditorium, Regionshospitalet Randers, Skovlyvej 9, Indgang B, plan 2, 8930 Randers NØ. Titlen på projektet er "Self-administration of medication during hospitalisation - Patient involvement, medication errors and health economics". Yderligere oplysninger: Ph.d.-studerende Charlotte Arp Sørensen, e-mail: [charlottearpsorensen@clin.au.dk](mailto:charlottearpsorensen@clin.au.dk), tlf. 51850194.

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Press release (English)

"Self-administration of medication during hospitalisation - Patient involvement, medication errors and health economics".

Traditionally, healthcare professionals take over the responsibility for one's medication when admitted to a Danish hospital. At the same time, an increasingly number of patients wishes to be involved in their own treatment and care. In some other countries, the concept "Self-administration of medication" (SAM) during hospitalisation is used. Previous research has shown that SAM is associated with a number of advantages for patients such as independence from and collaboration with nurses, greater confidence in their own abilities and greater medication knowledge. Disadvantages may be wrong dosage and that patients do not take the medication as recommended, but the evidence of medication safety remains unclear.

A new PhD project from Aarhus University, Health, has investigated medication safety of self-administration of medication during hospitalisation, as well as the impact on participants' perceptions regarding medication, patient satisfaction and preferences in relation to medication management in future hospitalisations when compared to nurse-led medication dispensing and administration. The project also included a health-economic evaluation of SAM from a hospital perspective. The project was performed at the Medical Department, Randers Regional Hospital by pharmacist Charlotte Arp Sørensen, who is defending her dissertation on 21/2-2020.

The defence is public and takes place on 21/2-2020 at Auditorium L1, Randers Regional Hospital, Entrance B, level 2, Skovlyvej 9, 8930 Randers NØ. The title of the project is "Self-administration of medication during hospitalisation - Patient involvement, medication errors and health economics". For more information, please contact PhD student Charlotte Arp Sørensen, email: [charlottearpsorensen@clin.au.dk](mailto:charlottearpsorensen@clin.au.dk), Phone +45 5185 0194.

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