

Press release

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Basic information

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Department of: Public Health

Main supervisor: Anelli Sandbæk

Title of dissertation: Short-term readmission and mortality in older patients discharged after a pneumonia admission

Date for defence: 2 June 2021 at (time of day): 14.00-16.00 Place: Samfundsmedicinsk Auditorium 1262-101, Bartholins Allé 4, 8000 Aarhus C and online (<https://aarhusuniversity.zoom.us/j/67838019544>).

Press release (Danish)

Risiko for 30-dages genindlæggelse og død blandt ældre efter en indlæggelse med lungebetændelse

Lungebetændelse hos ældre udgør en stadig større udfordring i sundhedsvæsener verden over med talrige hospitalsindlæggelser til følge. Mange af disse ældre er skrøbelige med komplekse medicinske problemstillinger, og samtidig er indlæggelsesvarigheden generelt blevet kortere. Dette betyder, at tiden efter udskrivelse udgør en sårbar periode med høj risiko for alvorlige uønskede hændelser. Sammenhængen mellem forskellige risikofaktorer og hurtig genindlæggelse og dødelighed efter udskrivelse har været fokus i et nyt ph.d.-projekt fra Aarhus Universitet, Health. I projektet, som er baseret på registerdata, er det undersøgt, hvordan demografiske karakteristika, lægesøgningsadfærd, komorbiditet og medicinforbrug påvirker risikoen for genindlæggelse og dødelighed hos ældre personer i de første 30 dage efter en hospitalsindlæggelse for lungebetændelse. Resultaterne fra dette ph.d.-projekt vil give klinikerne mulighed for at rette særlig opmærksomhed mod bestemte risikofaktorer, der kan indikere en højere risiko for en alvorlig uønsket hændelse i den første tid efter en udskrivelse. Den nye viden vil endvidere kunne anvendes i planlægningen af hensigtsmæssig opfølgning (f.eks. særlige tiltag) i perioden efter udskrivelsen. Projektet er gennemført af Susanne Boel Graversen, der forsvare det d. 2/6-21.

Forsvaret af ph.d.-projektet er offentligt og finder sted den 2/6 2021 kl. 14 i Samfundsmedicinsk Auditorium, Aarhus Universitet, Bartholins Allé 4, 8000 Aarhus C og online via zoom (<https://aarhusuniversity.zoom.us/j/67838019544>). Titlen på projektet er "Risiko for 30-dages genindlæggelse og død blandt ældre efter en indlæggelse med lungebetændelse". Yderligere oplysninger: ph.d.-studerende Susanne Boel Graversen, e-mail: sugrav@ph.au.dk, tlf. 23690263.

Bedømmelsesudvalg:

Professor Eric Mortensen, PhD, Chief of Division of General Internal Medicine, School of Medicine, UConn Health, University of Connecticut, Connecticut, USA

Professor Karen Andersen-Ranberg, PhD, Klinisk Institut, Syddansk Universitet og Geriatrisk Afdeling, Odense Universitetshospital, Odense, Danmark

Lektor Christian Wejse, PhD, Institut for Folkesundhed, Aarhus Universitet og Institut for Klinisk Medicin - Infektionssygdomme, Aarhus Universitet, Aarhus, Danmark

Press release (English)

Risk of 30-day readmission and mortality in older patients after a pneumonia admission

Pneumonia in older persons has become a major challenge in healthcare systems worldwide, primarily due to demographic ageing. Moreover, the number of pneumonia admissions is increasing. With shorter length of hospital stays and an increasing number of older patients with high levels of medical complexity, the post-discharge period after a pneumonia admission may constitute a period of increased risk of an adverse health event. The association between various risk factors and short-term readmission and mortality has been explored in a new PhD project from Health, Aarhus University. Using data from Danish nationwide registries, the project examines how demographic characteristics, health-seeking behavior, comorbidities, and medication use affect the risk of readmission and mortality in older persons during the first 30 days after a pneumonia admission. The results from this PhD project should enable clinicians to recognize "red flags", indicating a higher risk of an adverse health event in the post-discharge period. This knowledge should inform the conversations on care planning at the time of discharge. The project was carried out by MD and PhD student Susanne Boel Graversen, who is defending her dissertation on 2 June 2021.

The defence is public and takes place on 2 June 2021 at 2 p.m. in room 101 in building 1262, Aarhus University, Bartholins Allé 4, 8000 Aarhus C and online (<https://aarhusuniversity.zoom.us/j/67838019544>). The title of the project is "Short-term readmission and mortality in older patients discharged after a pneumonia admission". For more information, please contact PhD student Susanne Boel Graversen: email: sugrav@ph.au.dk, phone +45 2369 0263.

Assessment committee:

Professor Eric Mortensen, PhD, Chief of Division of General Internal Medicine, School of Medicine, UConn Health, University of Connecticut, Connecticut, USA

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