

Press release

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Basic information

Name: Gitte Boier Tygesen

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Department of: Clinical Medicine

Main supervisor: Professor Hans Kirkegaard

Title of dissertation: Development and evaluation of a situation awareness model targeting clinical deterioration in the emergency department

Date for defence: June 18. 2020 at (time of day): 10.00 Place: Horsens Regional Hospital, Auditoriet, Sundvej 30, 8700 Horsens

Press release (Danish)

Sikre akutte indlæggelser

Det danske sundhedsvæsen har indført systemer, der skal sikre tidlig opsporing af kritisk sygdom. Systemerne understøtter bl.a., at patienterne bliver systematisk observeret under deres indlæggelse. Alligevel ses det i flere tilfælde, at patienter i klinisk forværring ikke bliver identificeret. Internationale studier viser, at helt op i mod 12-30% af patienterne udvikler forværring af deres sygdomsforløb, og det er endnu ikke påvist, at det skulle være anderledes i Danmark. Spørgsmålet er, om inkludering af andre parametre som for eksempel patientens egne og de pårørendes bekymringer samt klinisk intuition kan medvirke til at reducere antallet af patienter, der udvikler klinisk forværring? Dette spørgsmål er det centrale omdrejningspunkt i et nyt ph.d.-projekt fra Aarhus Universitet, Health, hvor en "situation awareness" model rettet mod nedbringelse af antallet af patienter med klinisk forværring er udviklet og testet i flere Akutafdelinger. Projektet er gennemført af Gitte Boier Tygesen, som forsvare sit ph.d.-projekt d. 18/06 2020. Projektet udgår fra Akutafdelingen ved Regionshospitalet Horsens i samarbejde med de øvrige regionale akutafdelinger i Region Midtjylland (Viborg, Herning og Randers) samt Center for Akutforskning, Aarhus Universitet.

Forsvaret af ph.d.-projektet er offentligt og finder sted den 18/06 2020 kl. 10.00 i Auditoriet indgang N, Regionshospitalet Horsens, Sundvej 30, Horsens. På grund af COVID-19 kan forsvaret tilgås ved enten fremmøde eller online (zoom). Tilmelding foregår pr. mail ved henvendelse til Gitte Boier Tygesen gibped@rm.dk - ved online deltagelse tilsendes et link hertil pr mail.

Titlen på projektet er "Development and evaluation of a situation awareness model targeting clinical deterioration in emergency departments".

Yderligere oplysninger: Ph.d.-studerende Gitte Boier Tygesen, e-mail: gibped@rm.dk, tlf. 25215199.

Bedømmelsesudvalg:

Jeppe Lange, lektor og akademisk koordinator, Forskningsenheden og Ortopædkirurgisk afdeling Regionshospitalet Horsens, Danmark (formand)

Tracey Bucknall, professor, Centre for Quality and Patient Safety Research, School of Nursing and Midwifery, Faculty of Health, Deakin University, Geelong, Victoria, Australia and Alfred Health, Melbourne, Victoria, Australia

Ove Andersen, professor, Amager og Hvidovre Hospital, Kettegaard Alle 30, Hvidovre, Danmark

Press release (English)

Safe emergency admissions

The Danish health care system has implemented systems ensuring early identification of critically illnes. The systems support systematic observations of patients during admission. Despite the systems there are still patients deteriorating without healthcare professionals noticing. International studies reveal that up till 12-30% of patients deteriorate and it has not been proven to be otherwise in Denmark. The question is, if adding additional parameters as patient and relatives concern and clinical intuition, can add to reducing the number of patients expericing clinical deterioration. This question is focused on in a new PhD project from Aarhus University, Health, developing and testing a new situation awareness model targeting clinical deterioration in the emergency departments. The project was carried out by Gitte Boier Tygesen, who is defending her dissertation on 18/06 2020. The project emanate from the Emergency Department, Horsens Regional Hospital in collaboration with the other regional emergency departments in the Central Denmark Region (Viborg, Herning and Randers) and the Research Center for Emergency Medicine, Aarhus University.

The defence is public and takes place on 18/06 2020 at Horsens Regional Hospital, Auditoriet entrance N, Sundvej 30, DK-8700 Horsens. Due to Covid-19 participation can be either by presence or online, please email Gitte Boier Tygesen gibped@rm.dk for participation - by online participation, you will receive an email with a link. The title of the project is 'Development and evaluation of a situation awareness model tageting clinical deterioration in emergency departments'. For more information, please contact PhD student Gitte Boier Tygesen, email: gibped@rm.dk, Phone +45 2521 5199.

Assessment committee:

Jeppe Lange, Associate Professor and Academic Coordinator - chairman of the committee and moderator of the defence, The Research Unit and Department of Orthopaedic Surgery, DK-8700 Horsens Regional Hospital, Sundvej 30, 8700 Horsens, Denmark

Tracey Bucknall, Professor, Centre for Quality and Patient Safety Research, School of Nursing and Midwifery, Faculty of Health, Deakin University, Geelong, Victoria, Australia and Alfred Health, Melbourne, Victoria, Australia

Ove Andersen, Professor, Clinical Research Centre, Amager and Hvidovre Hospital, Kettegaard Alle 30, DK-2650 Hvidovre, Denmark

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