

Press release

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Basic information

Name: Karen Alstrup Email: ka@clin.au.dk Phone: 51901914

Department of: Clinical Medicine

Main supervisor: Leif Rognås

Title of dissertation: The Danish Helicopter Emergency Medical Service: Activities and Impact on Patient outcomes

Date for defence: 30/10 2020 at (time of day): 14.00 Place: Merete Barker Auditoriet, Bartholins Allé 3, 8000 Aarhus C

Press release (Danish)

"The Danish Helicopter Emergency Medical Service: Activities and Impact on Patient Outcomes" er et nyt ph.d.-projekt fra Aarhus Universitet, Health. Projektet er gennemført af Karen Alstrup, der forsvaret det d. 30/10.

Den danske landsdækkende akutlægehelicopterordning (HEMS) blev introduceret i 2014 som en specialiseret præhospital ressource og et supplement til de kørende enheder med det overordnede formål at sikre kritisk syge og tilskadekomne patienter langt fra hospital, hurtig og kompetent lægelig behandling samt korrekt visitation og transport til specialiseret hospitalsbehandling. Detaljeret viden om brugen og effekten af HEMS er vigtig for at kunne optimere præcisionen af helikopterafsendelse, ressourceudnyttelsen og i sidste ende udfaldet for patienten. Afhandlingen bygger på 4 studier som har fokus på forskellige aspekter af ordningen, herunder kvaliteten af data i den danske helikopter database, afsendelsen af helikopterne fra de regionale vagtcentraler, patient triagen på skadestedet og effekten af helikopterne på patient dødelighed.

Forsvaret af ph.d.-projektet er offentligt og finder sted den 30/10 kl. 14 i Merete Barker Auditoriet, Aarhus Universitet, Bartholins Allé 3, 8000 Aarhus C samt online via Zoom:

<https://aarhusuniversity.zoom.us/j/63349654829>

Titlen på projektet er "The Danish Helicopter Emergency Medical Service: Activities and Impact on Patient outcomes".

Yderligere oplysninger: Ph.d.-studerende Karen Alstrup, e-mail: ka@clin.au.dk, tlf. 51901914.

Bedømmelsesudvalg:

Christian Juhl Terkelsen, Professor, MD, DMSc, PhD (formand og moderator for forsvaret) Aarhus Universitetshospital, Kardiologisk afdeling, Palle Juul Jensens Boulevard 99, 8200 Aarhus N

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Annmarie Touborg Lassen, Professor, MD, DmSc, PhD

Odense Universitetshospital, Fælles Akutmodtagelse, Klørvænget 25-25c, 5000 Odense C

Press release (English)

"The Danish Helicopter Emergency Medical Service: Activities and Impact on Patient Outcomes" is a project that was carried out by Karen Alstrup, who is defending her dissertation on 30/10.

Nationwide helicopter emergency medical services were introduced in Denmark in 2014 as a specialised pre-hospital resource supplementing the existing ground emergency medical services

providing advanced on-scene treatment, triage and rapid transportation to definitive care for critically ill or injured patients located in rural areas. In-depth knowledge about the current use and benefit of HEMS is of significant importance in order to optimise dispatch accuracy, resource utilisation and ultimately patient outcomes. The dissertation includes 4 papers focusing on different aspects of HEMS including the quality of data in the Danish HEMS database, dispatch of HEMS, patient triage on scene and the impact of HEMS on patient mortality.

The defence is public and takes place on 30/10 at 2 pm in Merete Barker Auditoriet, Aarhus Universitet, Bartholins Allé 3, 8000 Aarhus C and online via Zoom:

<https://aarhusuniversity.zoom.us/j/63349654829>

The title of the project is "The Danish Helicopter Emergency Medical Service: Activities and Impact on Patient Outcomes".

For more information, please contact PhD student Karen Alstrup, email: ka@clin.au.dk, Phone +45 5190 1914.

Assessment committee:

Christian Juhl Terkelsen, Professor, MD, DMSc, PhD (chairman and moderator of the defence) Aarhus University Hospital, Department of cardiology, Palle Juul Jensens Boulevard 99, 8200 Aarhus N

Knut Fredriksen, Associate Professor, MD, DmSc

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