

Press release

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Basic information

Name: Ane Bull Iversen Email: aneiversen@clin.au.dk Phone: 60647793

Department of: Public Health

Main supervisor: Bo Christensen

Title of dissertation: Stroke: symptom awareness, help-seeking behaviour and predictors of prehospital delay

Date for defence: 27 October 2021 at (time of day): 2.30 p.m. Place: Public Health Auditorium (room 101), building 1262, Bartholins Allé 4, Aarhus University, Denmark

Press release (Danish)

Præhospital forsinkelse er en udfordring ved akut stroke

Stroke er en sygdom, som består af akut iskæmisk stroke (AIS) og intracerebral blødning (ICH). Det er den anden hyppigste dødsårsag på verdensplan og en af de hyppigste årsager til vedvarende handicap. Akut reperusionsbehandling skal i de fleste tilfælde gives inden for fire og en halv time efter symptomdebut, men halvdelen af danske stroke patienter kommer for sent på hospitalet. Denne ph.d.-afhandling viser, at tilstedeværelse af en 'bystander', kendskab til mindst to kernesymptomer ved stroke og forståelse af, at situationen er meget alvorlig, er associeret med hensigtsmæssig lægesøgningsadfærd og ankomst til en strokeafdeling i tide til iværksættelse af akut behandling. Derudover er effekten af den aktuelle nationale strokekampagne undersøgt som en del af dette nye ph.d.-projekt fra Aarhus Universitet, Health. Projektet er gennemført af Ane Bull Iversen, der forsvaret det d. 27. oktober 2021.

Forsvaret af ph.d.-projektet er offentligt og finder sted den 27. oktober kl. 14.30 i Samfundsmedicinsk Auditorium (lokale 101), Aarhus Universitet, bygning 1262, Bartholins Alle 4, 8000 Aarhus C. Yderligere oplysninger: Ph.d.-studerende Ane Bull Iversen, e-mail: aneiversen@clin.au.dk, tlf. 87167909.

Bedømmelsesudvalg: klinisk lektor Michael Mæng, MD, PhD (formand), professor Friedrich Martin Wilhelm Kurz, MD, PhD, professor John Sahl Andersen, MD, PhD

Press release (English)

Prehospital delay in acute stroke is a challenge

Stroke is a medical emergency comprising acute ischemic stroke (AIS) and intracerebral haemorrhage (ICH). It is the second-leading cause of death worldwide and one of the most frequent causes of persistent disability. In most cases, reperfusion therapy must be given within 4.5 hours after symptom onset, but half of the Danish stroke patients arrive at the hospital too late. This PhD dissertation shows that the presence of a bystander, knowledge of at least two core symptoms of stroke and understanding that the situation is very serious are associated with appropriate help-seeking behaviour and arrival at a stroke center in time for initiating reperfusion therapy. In addition, the impact of the current national stroke campaign in Denmark has been explored as part of this new PhD project from Aarhus University, Health. The project was carried out by Ane Bull Iversen, who will defend her dissertation on 27 October 2021.

The defence is public and takes place on 27 October 2021 at 2.30 p.m. in the Public Health Auditorium (room 101), building 122, Aarhus University, Bartholins Allé 4, 8000 Aarhus C. The title of the project is "Stroke: symptom awareness, help-seeking behaviour and predictors of prehospital delay. For more information, please contact PhD student Ane Bull Iversen, email: aneiversen@clin.au.dk.

Assessment committee: Associate Professor Michael Mæng, MD, PhD (chairman), Professor Friedrich Martin Wilhelm Kurz, MD, PhD, Professor John Sahl Andersen, MD, PhD

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