

## Press release

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### Basic information

Name: Jens Sundbøll      Email: [jens.sundboll@clin.au.dk](mailto:jens.sundboll@clin.au.dk) Phone: 28103062

Department of: Clinical Medicine

Main supervisor: Henrik Toft Sørensen

Title of dissertation: Depression, stroke, and dementia in patients with myocardial infarction – Studies of risk and prognosis

Date for defence: 27/09/2017 at (time of day): 13.00 Place: Department of Clinical Epidemiology, Olof Palmes Allé 43-45, 8200 Aarhus N

Press release (Danish)

Depression, apopleksi og demens hos patienter med blodprop i hjertet – Risiko og prognose

Myokardieinfarkt (blodprop i hjertet) er en akut tilstand med vævsdød i dele af hjertemusklens, oftest forårsaget af en blodprop i en af hjertets kranspulsårer. Både incidensen af myokardieinfarkt samt efterfølgende dødelighed er faldet markant de seneste tre årtier mens prævalensen af overlevende er stigende. Denne afhandling undersøgte den positive prædiktive værdi af myokardieinfarkt diagnosen samt andre kardiovaskulære diagnoser i Landspatientregistret. Herudover undersøgte vi den prognostiske betydning af tidligere depression for dødeligheden efter myokardieinfarkt. Endelig undersøgte vi associationen mellem myokardieinfarkt og efterfølgende udvikling af demens og apopleksi.

Resultaterne er sammenfattet i et nyt ph.d.-projekt fra Aarhus Universitet, Health. Projektet er gennemført af Jens Sundbøll, der forsvare det d. 27/09

Forsvaret af ph.d.-projektet er offentligt og finder sted den 27/09 kl. 13.00 i auditoriet på Klinisk Epidemiologisk Afdeling, Aarhus Universitetshospital, Olof Palmes Allé 43-45, 8200 Aarhus N. Titlen på projektet er "Depression, stroke, and dementia in patients with myocardial infarction – Studies of risk and prognosis". Yderligere oplysninger: Ph.d.-studerende Jens Sundbøll, e-mail: [jens.sundboll@clin.au.dk](mailto:jens.sundboll@clin.au.dk), tlf. 28103062.

Bedømmelsesudvalg:

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Professor of Medicine at Old Age Rudi GJ Westendorp

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Press release (English)

Depression, stroke, and dementia in patients with myocardial infarction – Studies of risk and prognosis

Myocardial infarction (heart attack) is an acute condition with necrosis in part of the heart muscle, most often caused by a thrombus in the coronary arteries of the heart. Both the incidence of myocardial infarction and the following mortality have decreased markedly over the past three decades while the prevalence of myocardial infarction survivors has increased. This thesis examined the positive predictive value of the myocardial infarction diagnosis along with other cardiovascular diagnoses recorded in the Danish National Patient Registry. In addition, we examined the impact of previous depression on mortality following a myocardial infarction. Finally, we examined the association between myocardial infarction and subsequent development of dementia and stroke.

The project was carried out by Jens Sundbøll, who is defending his dissertation on 27/09.

The defence is public and takes place on 27/09 at 13.00 in the auditorium at Department of Clinical Epidemiology, Aarhus University Hospital, Olof Palmes Alle 43-45, 8200 Aarhus N. The title of the project is "Depression, stroke, and dementia in patients with myocardial infarction – Studies of risk and prognosis". For more information, please contact PhD student Jens Sundbøll, email: jens.sundboll@clin.au.dk, Phone +45 2810 3062.

Assessment committee:

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