

Press release

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Basic information

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Department of: Clinical Medicine

Main supervisor: Associate professor Michael Mæng, MD PhD

Title of dissertation: Cardiovascular Disease In Patients With And Without Diabetes - Studies From The Western Denmark Heart Registry

Date for defence: April 9th 2021 at (time of day): 14.30 Place: Zoom

Press release (Danish)

Kardiovaskulær risiko hos diabetes patienter uden koronararteriesygdom

Diabetes er associeret med en øget risiko for kardiovaskulær sygdom. Man har tidligere troet at diabetes var associeret med lige så høj risiko for blodprop i hjertet, som patienter som allerede havde haft blodprop i hjertet. Men ca. hver 4. diabetes patient som gennemgår koronararterieundersøgelse har ingen tegn til forkalkning af hjertets kranspulsårer. Den kardiovaskulære risiko blandt diabetes patienter uden koronararteriesygdom er uvis.

Dette projekt undersøgte langtidsrisikoen for kardiovaskulær sygdom hos diabetes patienter uden koronararteriesygdom efter koronararterieundersøgelse og er et nyt ph.d.-projekt fra Aarhus Universitet, Health. Studiekohorten bestod af patienter undersøgt med koronar angiografi eller hjerte-CT i Vestdanmark, samt en køns- og aldersmatched baggrundsbefolkning. Projektet er gennemført af Kevin Kris Warnakula Olesen, der forsvare det d. 9/4

Forsvaret af ph.d.-projektet er offentligt og finder sted den 9/4 kl. 14.30 på Zoom grundet Covid-19 restriktionerne. Link til virtuel deltagelse kan tilsendes ved kontakt til Kevin Kris Warnakula Olesen. Titlen på projektet er "Cardiovascular Disease In Patients With And Without Diabetes - Studies From The Western Denmark Heart Registry". Yderligere oplysninger: Ph.d.-studerende Kevin Kris Warnakula Olesen, e-mail: kevole@clin.au.dk, tlf. 53 80 64 80.

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Press release (English)

Cardiovascular risk in diabetes patients without coronary artery disease

Diabetes is associated with an increased cardiovascular risk. Previously, patient with diabetes were assumed to have the same high risk of myocardial infarction as a patients with previous myocardial infarction. However, about 1 in 4 patients with diabetes examined by coronary angiography do not

have coronary artery disease. Cardiovascular risk in diabetes patients in the absence of obstructive coronary artery disease is largely unexplored.

The aim of this PhD project was to estimate the cardiovascular risk in diabetes and non-diabetes patients with and without coronary artery disease following coronary examination. The study cohort consisted of consecutive, real-world patients examined by coronary angiography or coronary computed tomography angiography in Western Denmark, as well as an age and sex matched sample from the general Western Danish population. The project was carried out by Kevin Kris Warnakula Olesen, who is defending his dissertation on April 9th.

The defence is public and takes place on April 9th at 2.30 PM on Zoom due to Covid 19 restrictions. Zoom link can be forwarded by contacting Kevin Kris Warnakula Olesen. The title of the project is "Cardiovascular Disease In Patients With And Without Diabetes - Studies From The Western Denmark Heart Registry". For more information, please contact PhD student Kevin Kris Warnakula Olesen, email: kevole@clin.au.dk, Phone +45 5380 6480.

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