

Press release

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Basic information

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Department of: Clinical Medicine

Main supervisor: Christian Juhl Terkelsen, MD, DMSc

Title of dissertation: "Patients with suspected acute myocardial infarction - characteristics and early rule-out"

Date for defence: 29/11/2019 at (time of day): 15.00 Place: Auditorium A (G206-145) Aarhus University Hospital

Press release (Danish)

Karakteristika og tidlig diagnostik hos patienter med mistænkt blodprop i hjertet

Indlæggelser med mistænkt blodprop i hjertet er meget hyppige og belaster vores sundhedssystem. En del af disse indlæggelser kan forkortes betydeligt eller potentielt helt undgås viser et nyt ph.d.-projekt fra Aarhus Universitet, Health. Projektet er gennemført af læge Claus Kjær Pedersen, der forsvarer det d. 29/11 2019.

I tilfælde af en blodprop i hjertet er tidlig udredning og behandling vigtig. Mistanke om blodprop i hjertet medfører derfor som oftest akut hospitalsindlæggelse. Størstedelen af patienter med mistænkt blodprop i hjertet viser sig dog hverken at have blodprop i hjertet eller anden indlæggelseskrævende sygdom. I dette projekt har Claus Kjær Pedersen beskrevet karakteristika for patienter der indlægges med mistanke om blodprop i hjertet, samt undersøgt hvorvidt disse karakteristika kan anvendes til at afgøre om patienten har gavn af en akut indlæggelse eller ej. Desuden har Claus Kjær Pedersen undersøgt om nye metoder til udelukkelse af blodprop i hjertet, herunder brugen af blandt andet biomarkøren copeptin, kan mindske tiden til diagnosen afkræftes og herved den tid patienterne er indlagt på hospitalet.

Forsvaret af ph.d.-projektet er offentligt og finder sted den 29/11 2019 kl. 15.00 i Auditorium A (G206-145), Aarhus Universitetshospital, Indgang G, Palle Juul-Jensens Boulevard 99, 8200 Aarhus N. Titlen på projektet er "Patients with suspected acute myocardial infarction - characteristics and early rule-out". Yderligere oplysninger: Ph.d.-studerende Claus Kjær Pedersen, e-mail: claus.kjaer.pedersen@clin.au.dk, tlf. +4529635657.

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Press release (English)

"Patients with suspected acute myocardial infarction - characteristics and early rule-out"

Hospital admissions due symptoms suggestive of acute myocardial infarction are common and burden our health care system. A new PhD project shows that a considerable proportion of these admissions can be reduced in length of stay or even avoided. The project was carried out by doctor Claus Kjær Pedersen, who is defending his dissertation on 29/11 2019.

In acute myocardial infarction (AMI) early recognition and treatment is very important. Suspicion of AMI will therefore often lead to an acute hospital admission. However, the majority of patients with suspected AMI do not suffer from AMI or any other condition requiring acute admission. In this project, Claus Kjær Pedersen has described the characteristics of patients admitted with suspicion of AMI, and evaluated if these characteristics could be used to decide if an acute admission is needed or not.

Furthermore, the project evaluates if new methods for early rule out of AMI, including the use of the biomarker copeptin, can reduce length of hospital stay.

The defence is public and takes place on 29/11 2019 at 15.00 in Auditorium A (G206-145), Aarhus University Hospital, Entrance G, Palle Juul-Jensens Boulevard 99, 8200 Aarhus N. The title of the project is "Patients with suspected acute myocardial infarction - characteristics and early rule-out". For more information, please contact PhD student Claus Kjær Pedersen, email: claus.kjaer.pedersen@clin.au.dk, Phone +45 29635657.

Assessment committee:

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