Press release

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Basic information

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Department of: Clinical Medicine

Main supervisor: Henrik Kjærulf Jensen

Title of dissertation: Aetiologies, long-term outcome and familial risk of atrioventricular block in children and the young

Date for defence: 17.01.2020 at (time of day): 12.00 Place: Auditorium A, Aarhus Universitetshospital, Palle-Juul Jensens Boulevard 99, Aarhus N

Press release (Danish)

Forsvar af ph.d.-projektet: "Ætiologier, langtidsprognose og familiær risiko for artioventrikulært blok hos børn og unge".

"Ætiologier, langtidsprognose og familiær risiko for artioventrikulært blok hos børn og unge" er et nyt ph.d.-projekt fra Aarhus Universitet, Health. Projektet er gennemført af læge Johnni Rudbeck-Resdal, der forsvarer det d. 17. januar 2020.

Atrioventrikulært blok er en forstyrrelse i hjertets elektriske ledningssystem, der kan medføre at pulsen bliver langsom. Dette kan ledsages af åndenød, træthed, svimmelhed eller besvimelse og i sjældne tilfælde pludselig død. Atrioventrikulært blok ses hyppigst hos ældre, men kan også opstå hos personer under 50 år; om end dette er sjældent med ca. 60 tilfælde årligt i Danmark. Atrioventrikulært blok behandles med implantation af en pacemaker, der kan opretholde en normal hjerterytme. Dog er viden om ætiologierne til atrioventrikulært blok, langtidsprognosen efter pacemaker implantation og den familiære risiko for atrioventrikulært blok hos yngre personer begrænset.

Ph.d.'en indeholder tre studier med formålene:

1) At beskrive ætiologierne til atrioventrikulært blok hos børn og unge.

2) At undersøge langtids sygeligheden og dødeligheden hos yngre patienter med atrioventrikulært blok at ukendt årsag.

3) At undersøge om førstegradsslægtninge til patienter med atrioventrikulært blok har en øget risiko for at udvikle atrioventrikulært blok.

Forsvaret af ph.d.-projektet er offentligt og finder sted den 17 januar kl. 12.00 i Auditorium A, Aarhus Universitetshospital, Palle-Juul Jensens Boulevard 99, Aarhus N. Titlen på projektet er "Ætiologier, langtidsprognose og familiær risiko for artioventrikulært blok hos børn og unge". Yderligere oplysninger: Ph.d.-studerende Johnni Rudbeck-Resdal, e-mail: jd@clin.au.dk, tlf. 4083 2508.

Bedømmelsesudvalg:

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Press release (English)

Defence of the ph.d.-project: "Aetiologies, long-term outcome and familial risk of atrioventricular block in children and the young".

"Aetiologies, long-term outcome and familial risk of atrioventricular block in children and the young" is a new ph.d.-project from Aarhus University, Health. The project was carried out by physician Johnni Rudbeck-Resdal, who is defending his dissertation on 17th of January 2020.

Artioventricular block is a disturbance of the cardiac conduction system. This can lead to a low pulse, which can be accompanied by symptoms like dyspnoea, malaise, dizziness or syncope and in rare cases sudden cardiac death. Artioventricular block is most commonly sees among elderly, but it is also seen in persons below 50 years of age; though this is rare with only around 60 cases a year in Denmark. Artioventricular block is treated with pacemaker implantation, that ensures a normal pulse rate. Although treatment is well-established, knowledge of aetiologies, long-term outcomes and familiar risk in young patients is scarce.

The ph.d. consists of three studies with the aims:

1) To describe the aetiologies of atrioventricular block in young patients.

2) To assess long-term morbidity and mortality in young patients with atrioventricular block of unknown aetiology.

3) To investigate if having a first-degree relative with atrioventricular block increases the risk of atrioventricular block.

The press release - ending with: The defence is public and takes place on 17th of January at Aarhus University Hospital, Palle-Juul Jensens Boulevard 99, Aarhus N in Auditorium A. The title of the project is "Aetiologies, long-term outcome and familial risk of atrioventricular block in children and the young". For more information, please contact PhD student Johnni Rudbeck-Resdal, email: jd@clin.au.dk, Phone +45 4083 2508.

Assessment committee:

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