Press release

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Basic information

Name: Kasper Korsholm Email: kasperkorsholm@clin.au.dk Phone: 22569969

Department of: Clinical Medicine

Main supervisor: Professor Jens Erik Nielsen-Kudsk, Department of Cardiology, Aarhus University Hospital

Title of dissertation: Novel imaging modalities in transcatheter left atrial appendage occlusion. Procedure and follow-up implications

Date for defence: 13/03-2020 at (time of day): Kl. 14.00 Place: Aarhus University Hospital, Auditorium B (G206-142), Palle Juul-Jensens Boulevard 99, 8200 Aarhus N

Press release (Danish)

Betydningen af nye billeddannende modaliteter ved kateterbaseret aurikellukning

Kateterbaseret aurikellukning er et non-pharmakologisk alternativ til forebyggelse af blodpropper hos patienter med forkammerflimren. Her indsættes via lysken et lukkersystem i venstre forkammers aurikel (hjerteøre), hvorved patienten er beskyttet mod blodpropdannelse og kan undgå livslang blodfortyndende behandling. Traditionelt foretages proceduren i fuld narkose vejledt af ultralyd fra spiserøret. Efter proceduren er der behov for evaluering af implantationsresultatet og udelukkelse af komplikationer, hvilket traditionelt er foretaget med gentagne ultralydsundersøgelser fra spiserøret. Et nyt ph.d.-projekt fra Aarhus Universitet, Health har undersøgt effekten af intrakardiel ultralyd via et kateter indført fra lysken og placeret i hjertets venstre forkammer. Dette muliggør en procedure i lokal bedøvelse. Til efterfølgende kontrol har studiet undersøgt brugen af hjerte-CT skanning som alternativ til gentagne ultralydsundersøgelser fra spiserøret. Projektet er gennemført af læge, Kasper Korsholm, der forsvarer sin PhD-afhandling d. 13/03-2020

Forsvaret af ph.d.-projektet er offentligt og finder sted den 13/03 kl. 14.00 i Auditorium B (G206-142), Aarhus Universitetshospital, Palle Juul-Jensens Boulevard 99, Aarhus N. Titlen på projektet er "Novel imaging modalities in transcatheter left atrial appendage occlusion. Procedure and follow-up implications". Yderligere oplysninger: Læge, Ph.d.-studerende Kasper Korsholm, e-mail: kasperkorsholm@clin.au.dk, tlf. 22569969.

Bedømmelsesudvalg:
Professor, Hans Eiskjær, MD, PhD, Afdeling for Hjertesygdomme, Sektion for hjertesvigt, Aarhus Universitetshospital. Aarhus, Danmark
Professor, Lucas Boersma, MD, PhD, Department of Cardiology, St. Antonius Hospital and University of Amsterdam, Amsterdam, Holland
Jacob Odenstedt, MD, PhD, Department of Cardiology, Sahlgrenska University Hospital, Göteborg, Sverige

Press release (English)

Novel imaging modalities in transcatheter left atrial appendage occlusion. Procedure and follow-up implications

Transcatheter left atrial appendage occlusion is a viable alternative to oral anticoagulation for stroke prevention in atrial fibrillation. Conventionally it has been performed under general anesthesia with the use of transesophageal echocardiography. Repeated transesophageal echcoardiography has been the gold standard during follow-up evaluations of the device implant. A PhD-project from Aarhus University has investigated the efficacy and safety of intracardiac echocardiography from the left

atrium as an alternative to transesophageal echocardiography, hereby enabling a procedure performed in local anesthesia. During the follow-up period, the project has evaluated the use of cardiac CT as an alternative to repeated transesophageal echocardiography. The project was carried out by MD, PhD-fellow Kasper Korsholm, who is defending his dissertation on 13/03-2020.

The defence is public and takes place on 13/03-2020 at 14.00 in Auditorium B (G206-142), Aarhus University Hospital, Palle Juul-Jensens Boulevard 99, Aarhus. The title of the project is Novel imaging modalities in transcatheter left atrial appendage occlusion. Procedure and follow-up implications. For more information, please contact PhD-fellow Kasper Korsholm, email: kasperkorsholm@clin.au.dk, Phone +45 2256 9969.

Assessment committee:
Professor, Hans Eiskjær, MD, PhD, Department of Cardiology, Section of Heart Failure, Aarhus University Hospital, Denmark
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