

Press release

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Basic information

Name: Maria C Elkjær Email: maria.elkjaer@au.dk Phone: 26177024

Department of: Clinical Medicine

Main supervisor: Michael Borre

Title of dissertation: The use of multi-parametric MRI in active surveillance of prostate cancer.

Date for defence: 5/4/2019 at (time of day): 13 Place: Auditorium C114-101, Aarhus Universitetshospital

Press release (Danish)

Magnetisk resonance scanning i aktiv overvågning af prostatakraft

Overbehandling af prostatakraft er et stort problem, hvorfor man, når sygdommen virker fredelig, ønsker blot at overvåge den. Dog kan ultralyd, som vanligvis bruges, ofte undervurdere sygdommens udbredelse og aggressivitet. I et nyt ph.d.-projekt fra Aarhus Universitet, Health, er det blevet undersøgt om MR-scanninger er bedre til at finde og overvåge kræft i prostata hos patienter i overvågning. Desuden er de forbundne omkostninger undersøgt. Projektet er gennemført af Maria C Elkjær, der forsvaret det d. 5/4 - 19.

I projektet blev 75 patienter scannet med både ultralyd og MR, og konklusionen blev at MR var bedre til at selekttere og overvåge patienter i aktiv overvågning. Desuden tydede vores resultater på at omkostningerne ikke var større, hvis man benyttede MR frem for ultralyd.

Forsvaret af ph.d.-projektet er offentligt og finder sted den 5/4 kl. 13 i C114 auditorium, Aarhus Universitetshospital, Palle-juul Jensens blvd 99, 8200 Århus N.

Titlen på projektet er "The use of multi-parametric MRI in active surveillance of prostate cancer."

Yderligere oplysninger: Ph.d.-studerende Maria C Elkjær, e-mail: maria.elkjaer@au.dk, tlf. 26177024.

Bedømmelsesudvalg:

Marc Emberton, Professor, M.D. ph.D, University college London

Jes Søgaard, Professor, cand.rer.soc, Syddansk Universitet

Anne Grethe Jurik, Professor, M.D. dr.med, AUH (chairman)

Press release (English)

The use of MRI in active surveillance of prostate cancer

Over-treatment of prostate cancer is a major problem, so when the disease seems peaceful, it is usually just monitored. However, ultrasound, which is commonly used, can often underestimate the spread and aggressiveness of the disease. In a new PhD project from Aarhus University, Health, it has been investigated whether MRI scans are better at finding and monitoring prostate cancer in patients under surveillance. Moreover, the associated costs are being investigated. The project was carried out by Maria C Elkjær, who is defending her dissertation on 5/4 - 19.

In the project, 75 patients were scanned with both ultrasound and MRI, and the conclusion was that MRI was better at selecting and monitoring patients in active surveillance. In addition, our findings indicated that the cost was not greater if MRI were used rather than ultrasound.

The defense of the PhD project is public and takes place on 5/4 at 13 in C114 auditorium, Aarhus University Hospital, Palle-juul Jensens blvd 99, 8200 Aarhus N.

The title of the project is "The use of multi-parametric MRI in active surveillance of prostate cancer."
Further information: PhD student Maria C Elkjær, e-mail: maria.elkjaer@au.dk, tel. 26177024.

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