

Press release

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Basic information

Name: Rikke Nørgaard Pedersen

Email: rikp@clin.au.dk Phone: +45 60226552

Department of: Clinical Medicine

Main supervisor: Associate Professor Deirdre Cronin Fenton, PhD, Department of Clinical Epidemiology, Department of Clinical Medicine, Aarhus University and Aarhus University Hospital, Aarhus, Denmark

Title of dissertation: Late Breast Cancer Recurrence - Risk, Prognosis and Prevention.

Date for defence: 13 October at (time of day): 14:00 Place: Olof Palmes Alle 43-45

Press release (Danish)

Risikoen for sent tilbagefald af brystkræft

I 2018 levede over 70.000 kvinder med en brystkræft diagnose i Danmark. Grundet bedre diagnostik og behandling overlever cirka 75% af alle brystkræftpatienter mindst 10 år. Ingen større studier har undersøgt hyppigheden af brystkræfttilbagefald forekommende 10 år eller mere efter den primære brystkræftdiagnose (sent tilbagefald). Derudover ved man meget lidt om prognosen efter sent tilbagefald. Forskere på Aarhus Universitet har konstrueret og valideret en algoritme til at identificere patienter med sent tilbagefald i danske nationale registre, estimeret hyppigheden af sent tilbagefald og identificeret potentielle risikofaktorer. Derudover har de undersøgt overlevelsen efter sent recidiv og potentielle prognostiske faktorer. Slutteligt har forskerne undersøgt, om der er en sammenhæng mellem forbrug af statiner og landtidsrisikoen for tilbagefald.

"Late Breast Cancer Recurrence - Risk, Prognosis and Prevention" er et nyt ph.d.-projekt fra Aarhus Universitet, Health. Projektet er gennemført af Rikke Nørgaard Pedersen, der forsvare det d. 13/10 2021.

Forsvaret af ph.d.-projektet er offentligt og finder sted den 13/10 kl. 14 i auditoriet, Aarhus Universitet, Olof Palmes Alle 43-45, Aarhus N. Titlen på projektet er "Late Breast Cancer Recurrence - Risk, Prognosis and Prevention".

Yderligere oplysninger: Rikke Nørgaard Pedersen, e-mail: rikp@clin.au.dk.

Bedømmelsesudvalg:

Professor Peter Jepsen, Institut for Klinisk Medicin, Aarhus Universitet, Afdeling for lever-, Mave og Tarmsygdomme, Aarhus Universitets Hospital, Aarhus, Danmark

Professor Jonas Manjer, Faculty of Medicine, Department of Clinical Sciences, Malmö Lund University, Malmö, Sweden.

Professor Jesper Hallas, Clinical Trial Unit, Klinisk Farmakologi, Farmaci og Miljømedicin, Syddansk Universitet, Odense, Danmark

Press release (English)

The risk of late breast cancer recurrence

In 2018, there were over 70,000 female breast cancer survivors in Denmark. Due to screening and increasingly effective therapy, about 75% of breast cancer patients in Denmark survive at least ten years, depending on stage at diagnosis. To our knowledge, no large studies have investigated the incidence of late breast cancer recurrence ≥ 10 years after primary diagnosis. Furthermore, information on prognosis after late recurrence is sparse. Using Danish nationwide registries, researchers from Aarhus University constructed and validated an algorithm to identify late breast

cancer recurrence cases, estimated the incidence of late breast cancer recurrence and identified factors associated with the risk of late recurrence. They investigated survival after late breast cancer recurrence and potential prognostic factors including time of recurrence (early versus late recurrence). Finally, the researchers investigated potential preventive strategies against late recurrence, focusing on the association between post-diagnostic statin use and the long-term risk of breast cancer recurrence.

The project was carried out by Rikke Nørgaard Pedersen, who is defending her dissertation on 13 October 2021.

The defence is public and takes place on 13/10 at 2 pm in the auditorium, Aarhus University, Olof Palmes Alle 43-45, Aarhus N. The title of the project is "Late Breast Cancer Recurrence - Risk, Prognosis and Prevention". For more information, please contact PhD student Rikke Nørgaard Pedersen, email: rikp@clin.au.dk.

Assessment committee:

Professor Peter Jepsen, Department of Clinical Medicine, Aarhus University, Department of Hepatology and Gastroenterology, Aarhus University Hospital, Aarhus, Denmark

Professor Jonas Manjer, Faculty of Medicine, Department of Clinical Sciences, Malmö Lund University, Malmö, Sweden.

Professor Jesper Hallas, Clinical Trial Unit, Clinical Pharmacology, Pharmacy and Environmental Medicine, University of Southern Denmark, Odense, Denmark

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