Press release

Please fill in this form and return it to graduateschoolhealth@au.dk in Word format no later than three weeks prior to your defence.

Basic information

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Department of: Clinical Medicine

Main supervisor: Professor, consultant, DMSc, Peer Christiansen

Title of dissertation: Shoulder disability and late symptoms following surgery including oncoplastic techniques for breast cancer

Date for defence: August 21st 2020 at (time of day): 2 p.m. Place: Auditorium C114-101, Entrance C, Aarhus University Hospital, Palle Juul-Jensens Boulevard 99, 8200 Aarhus N

Press release (Danish)

Skulderfunktion og senfølger efter operation med onkoplastisk teknik for brystkræft

I løbet af sit ph.d.-studium har Katrine Rye Hauerslev forsket i, hvilken indflydelse brugen af onkoplastisk teknik ved brystbevarende operation for brystkræft har på udviklingen af fysiske senfølger.
Onkoplastisk brystbevarende operation inddrager plastikkirurgiske teknikker og giver mulighed for at tilbyde brystbevarende operation til patienter med større svulster og mere udbredte brystkræftforstadier. Det er et relativt større indgreb end en konventionel brystbevarende operation.
Studierne er udført på patienter med brystkræft eller forstadier til brystkræft, der skulle gennemgå brystbevarende operation med eller uden brug af onkoplastisk teknik. De blev evalueret ud fra et spørgeskema samt en fysisk undersøgelse af bryst-, arm- og skulderområdet mht. smerter, bevægelighed, styrke, følesans, hævelse af armen og det kosmetiske resultat.
Studierne bidrager med ny viden om risikoen for senfølger relateret til onkoplastisk brystkirurgi. Resultaterne tyder på, at der ikke er nogen øget risiko for senfølger i skulder, arm og bryst ved operation med onkoplastisk teknik sammenlignet med konventionel brystbevarende kirurgi.
Desuden har studierne vist, at symptomer og objektive fund progredierede over tid i en gruppe af brystkræftpatienter, der blev behandlet uden brug af onkoplastisk teknik for mere end 11 år siden.

Ph.d.-projektet fra Aarhus Universitet, Health, er gennemført ved Aarhus Universitetshospital (indtil marts 2016 ved Kirurgisk Afdeling P, herefter ved Plastik- og Brystkirurgi) samt Institut for Klinisk Medicin, Aarhus Universitet.

Forsvaret af ph.d.-projektet er offentligt og vil pga COVID-19 restriktioner, foregå delvist online og delvist fysisk (max. 40 personer). Link til online platform for forsvaret kan rekvireres fra Katrine Rye Hauerslev. Det fysiske forsvar finder sted den 21. august 2020 kl. 14.00 i auditorium C114-101, Indgang C, Aarhus Universitetshospital, Palle Juul-Jensens Boulevard 99, 8200 Aarhus N.
Der opfordres til at det primært er ansatte ved AUH, der deltager fysisk, da udefrakommende mødedeltagere bl.a. skal bære mundbind indendørs på AUH.
Titlen på projektet er "Skulderfunktion og senfølger efter operation med onkoplastisk teknik for brystkræft". Yderligere oplysninger: Ph.d.-studerende Katrine Rye Hauerslev, e-mail: katrhaue@rm.dk, tlf.: 23708241.

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Chairman

Press release (English)

Shoulder disability and late symptoms following surgery including oncoplastic techniques for breast cancer

During her PhD studies, Katrine Rye Hauerslev has investigated the influence of the use of oncoplastic technique in breast conserving surgery for breast cancer on the development of physical late morbidity.
Oncoplastic breast conserving surgery involves plastic surgery techniques and provides the opportunity to offer breast conserving surgery to patients with larger tumors and more widespread precursor lesions (ductal carcinoma in situ). It is a relatively larger procedure than a conventional breast conserving operation.
The studies were performed in patients with breast cancer or precursor lesions (ductal cainoma in situ) and candidates to breast conserving surgery with or without the use of oncoplastic techniques. They were evaluated on the basis of a questionnaire as well as a physical examination of the breast, arm and shoulder area in terms of pain, movement, strength, sensibility, swelling of the arm, and the cosmetic result.
The studies provide new knowledge of the risk of late morbidity related to oncoplastic breast surgery. The results suggest that there is no increased risk of late morbidity in the shoulder, arm and breast following surgery with oncoplastic techniques compared to conventional breast conserving surgery. Furthermore, the studies have shown that symptoms and objective findings progressed over time in a group of breast cancer patients treated without the use of oncoplastic technique more than 11 years ago.

The PhD project from Aarhus University, Health, has been completed at Aarhus University Hospital (Surgical Department P and Plastic and Breast Surgery) and the Department of Clinical Medicine, Aarhus University.

The defence is public and will due to COVID-19 restrictions be conducted partly online and partly physical. Link to online platform for the defence can be requested from Katrine Rye Hauerslev.
The physical defence will take place on August 21st 2020 at 2 p.m. in Auditorium C114-101, Entrance C, Aarhus University Hospital, Palle Juul-Jensens Boulevard 99, 8200 Aarhus N.
It is encouraged that it is primarily employees at AUH who participate physically, as external meeting participants, among other things must wear a face mask at AUH.
The title of the project is "Shoulder disability and late symptoms following surgery including oncoplastic techniques for breast cancer". For more information, please contact PhD student Katrine Rye Hauerslev, email: katrhaue@rm.dk, Phone +45 23708241.

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