

Press release

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Basic information

Name: Helene Mathilde Larsen

Email: hemala@clin.au.dk Phone: 60101648

Department of: Clinical Medicine

Main supervisor: Søren Laurberg

Title of dissertation: Long-term bowel dysfunction following right-sided hemicolectomy for colon cancer

Date for defence: Wednesday October 27th 2021 at (time of day): 15:30-17:30 Place: Auditorium B (G206-142), Aarhus University Hospital, Palle Juul-Jensens boulevard 99, 8200 Aarhus N
OR via Zoom: <https://aarhusuniversity.zoom.us/j/69751971091>

Press release (Danish)

Invitation til ph.d.-forsvar: Tarmrelaterede senfølger efter operation for kræft i højre side af tyktarmen

Antallet af overlevende efter tyktarmskræft er stigende og fordrer et øget fokus på livet efter kræft. Flere overlevende lider af senfølger til deres kræftbehandling herunder tarmrelaterede senfølger. Et studie, der ledte op til dette ph.d.-projekt, viste at 16% af patienter opereret for kræft i højre side af tyktarmen lider af kronisk diarré, som påvirker deres livskvalitet. Der er et stigende behov for at undersøge hyppighed, underliggende årsager samt håndtering af tarmrelaterede senfølger for at øge livskvaliteten blandt kræftoverlevende.

Dette ph.d.-projekt undersøgte tarmrelaterede senfølger, herunder især diarré, efter operation for kræft i højre side af tyktarmen. Klinisk evaluering og behandling af denne patientgruppe blev undersøgt i Senfølgeklinikken på Aarhus Universitetshospital. Effekten af et spørgeskema til at screene overlevende efter tyktarmskræft for tarmrelaterede senfølger blev undersøgt herunder også håndteringen af patienter henvist via screeningsspørgeskemaet. De underliggende årsager til kronisk diarré blev undersøgt baseret på en gruppe af patienter med og uden kronisk diarré efter operation for kræft i højre side af tyktarmen. Galdesyre malabsorption og bakteriel overvækst i tyndtarmen blev undersøgt som mulige årsager. Resultaterne tyder på, at en systematisk håndtering af tarmrelaterede senfølger er til gavn for overlevende efter tyktarmskræft.

Forsvaret af ph.d.-projektet er offentligt og finder sted den 27. oktober 2021 kl. 15:30 i Auditorium B (G206-142), Aarhus Universitetshospital, Palle Juul-Jensens boulevard 99, Aarhus N samt med mulighed for virtuel deltagelse.

Titlen på projektet er "Long-term bowel dysfunction following right-sided hemicolectomy for colon cancer".

Yderligere oplysninger: Ph.d.-studerende Helene Mathilde Larsen, e-mail: hemala@rm.dk.

Bedømmelsesudvalg:

Jørgen Bjerggaard Jensen, professor - formand for bedømmelsesudvalget
Afdeling for Urinvejskirurgi, Aarhus Universitetshospital, Danmark

Jervoise Andreyev, overlæge
Department of Medical Gastroenterology, BMI The Lincoln Hospital and BMI The Park Hospital, UK

Annika Sjövall, associate professor

Department of Molecular Medicine and Surgery, Division of Colorectal Surgery, Karolinska
Universitetshospital, Sverige

Press release (English)

Invitation to PhD defence: Long-term bowel dysfunction following right-sided
hemicolectomy for colon cancer

The group of colon cancer survivors is increasing, which demands focus on life beyond cancer. Colon cancer survivors may suffer from several long-term sequelae following their cancer treatment including bowel dysfunction. A study leading up to this PhD project showed that 16% of right-sided colon cancer patients suffered from long-term diarrhoea, which affected their quality of life. In order to improve quality of life after cancer there is a growing need for investigating the frequency, underlying pathophysiology and management of bowel dysfunction.

In this PhD project long-term bowel dysfunction, and especially diarrhoea, following colon cancer treated with a right-sided hemicolectomy was investigated. The clinical evaluation and treatment of this patient group was studied in the Late Sequelae Clinic at Aarhus University Hospital. The effect of a survey to screen colon cancer survivors for bowel dysfunction was evaluated along with the management of patients referred through the screening survey. Based on a group of patients with and without chronic diarrhoea following right-sided hemicolectomy, the underlying causes of diarrhoea was studied. Bile acid malabsorption and bacterial overgrowth in the small bowel were investigated as possible causes. The results suggest that colon cancer survivors benefit from systematic management of long-term bowel sequelae.

The defence is public and takes place on October 27th 2021 at 15:30 in Auditorium B (G206-142), Aarhus University Hospital, Palle Juul-Jensens boulevard 99, Aarhus N and with the possibility to join virtually.

The title of the project is "Long-term bowel dysfunction following right-sided hemicolectomy for colon cancer".

For more information, please contact PhD student Helene Mathilde Larsen, email: hemala@rm.dk.

Assessment committee:

Jørgen Bjerggaard Jensen, professor - chairman of the committee
Department of Urology, Aarhus University Hospital, Denmark

Jervoise Andreyev, consultant gastroenterologist
Department of Medical Gastroenterology, BMI The Lincoln Hospital and BMI The Park Hospital, UK

Annika Sjövall, associate professor
Department of Molecular Medicine and Surgery, Division of Colorectal Surgery, Karolinska University Hospital, Sweden

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