

Press release

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Basic information

Name: Henriette Ejlsmark Svensson

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Department of: Clinical Medicine

Main supervisor: Lars rejnmark

Title of dissertation: Primary Hyperparathyroidism - Comorbidity, Cardiovascular status and Health related Quality of life

Date for defence: 15-11-18 at (time of day): 14.00 Place: Auditorium A, Entrance G6, G206

Press release (Danish)

Komplikationer, hjertekarsundhed og livskvalitet hos patienter med et forhøjet kalkstofskifte.

Et nyt ph.d.-projekt fra Aarhus Universitet, Health bidrager med ny viden hos patienter med forhøjet kalkstofskiftet. Projektet er gennemført af Henriette Ejlsmark Svensson, der forsvare det d. 15 november 2018.

Et forhøjet kalkstofskifte skyldes en overaktivitet af en/flere af fire biskjoldbruskkirtler beliggende fortil på halsen. Et forhøjet kalkstofskifte er præget af en række komplikationer, der blandt andet omfatter nyresten, knogleskørhed, hjertekarsygdom og påvirkning af livskvaliteten. I dag diagnosticeres langt flere med forstyrrelser i kalkstofskiftet end tidligere grundet bedre analysemetoder samt hyppigere screening af patienter. Et forhøjet kalkstofskifte kan helbredes ved at operere den/de syge biskjoldbruskkirtler ud som er skyld i overaktiviteten.

I afhandlingen fandt Henriette Ejlsmark Svensson, blandt patienter med nylig diagnosticeret forhøjet kalkstofskiftet, at ca. 1/5 del af patienterne på diagnosetidspunktet havde nyreforkalkninger eller et eller flere sammenfald i ryggen. I et kohorte studie fandt hun at livskvaliteten, bedres 12 måneder efter operation, selv hos patienter med kun moderat forhøjet kalkstofskifte. Desuden har hun et i lodtrækningsstudie undersøgt om operation, hos patienter med et forhøjet kalkstofskifte, har en gavnlig effekt på blodtryk, kolesteroltal og karstivhed, som er risikofaktorer af betydning for udvikling af hjertekarsygdom.

Forsvaret af ph.d.-projektet er offentligt og finder sted den 15/11 kl.14.00 i auditorium A, Aarhus Universitetshospital, Palle Juul-Jensens Boulevard 99, 8200 Skejby. Titlen på projektet er: Primary Hyperparathyroidism - Comorbidity, Cardiovascular status and Health related Quality of life. Yderligere oplysninger: Ph.d.-studerende Henriette Ejlsmark Svensson , e-mail: henrkn@rm.dk, tlf. 75455475

Bedømmelsesudvalg:

Professor Bente Jespersen - chairman of the committee and moderator of the defence Department of Clinical Medicine, and Department of Renal Medicine, Aarhus University Hospital

Professor Jens Bollerslev, Department of Endocrinology, Rikshospitalet, Oslo, Norway

Associate professor Pernille Hermann University of Southern Denmark, SDU, and Department of Endokrinologi, Odense University Hospital

Press release (English)

Complications, cardiovascular status and quality of life in patients with increased calcium metabolism

A new PhD project from Aarhus University, Health, contributes with new knowledge about patients with increased calcium metabolism. The project has been carried out by Henriette Ejlsmark Svensson, who is defending her dissertation on the 15th November 2018.

An increased calcium metabolism is caused by an overactivity of one/more of the four parathyroid glands located on the neck. An increased calcium metabolism can cause a wide range of complications such as renal calcifications, osteoporosis, cardiovascular diseases and reduced quality of life. Today, a larger number of patients are diagnosed with disorders of the calcium metabolism than earlier because of better analytical methods and more frequent screening of patients. An increased calcium metabolism can be cured by operation with removal of the/those parathyroid glands causing the overactivity.

In the PhD project Henriette Ejlsmark Svensson found that 1/5 of the patients with newly diagnosed increased calcium metabolism had renal calcifications or one or more vertebral fractures. In a cohort study she observed that quality of life improved 12 month after surgery, even among patients with only moderate increased calcium metabolism. Furthermore, in a randomized clinical trial she investigated if surgery had a positive effect on blood pressure, cholesterol, and arterial stiffness, which are risk markers of importance for developing cardiovascular diseases.

The defence is public and takes place on 15th November 2018 at 2.00 pm in Auditorium A, Aarhus University Hospital, Palle Juul-Jensens Boulevard 99, 8200 Skejby. The title of the project is Primary Hyperparathyroidism - Comorbidity, Cardiovascular status and Health related Quality of life. For more information, please contact PhD student Henriette Ejlsmark Svensson, email: henrkn@rm.dk, Phone +45 7545 5475.

Assessment committee:

Professor Bente Jespersen - chairman of the committee and moderator of the defence Department of Clinical Medicine, and Department of Renal Medicine, Aarhus University Hospital

Professor Jens Bollerslev, Department of Endocrinology, Rikshospitalet, Oslo, Norway

Associate professor Pernille Hermann University of Southern Denmark, SDU, and Department of Endokrinologi, Odense University Hospital

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