Press release

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Basic information

Name: Katrine Hygum Email: katrhygu@rm.dk Phone: 22154218

Department of: Clinical Medicine

Main supervisor: Bente Langdahl

Title of dissertation: "Bone disease in patients with diabetes: bone remodeling, fracture prediction, and effects of gastrointestinal hormones"

Date for defence: 08.11.2019 at (time of day): 14.00 Place: Auditorium C114-101, Aarhus Universitetshospital

Press release (Danish)

Knoglesygdom ved diabetes

Patienter med diabetes har en øget risiko for knoglebrud, og knoglesygdom er en alvorlig komplikation til type 1 og type 2 diabetes.

Et nyt ph.d.-projekt fra Aarhus Universitet, Health, har undersøgt baggrunden for knoglesygdom ved diabetes. Projektet er baseret delvist på resultater fra to store meta-analyser, der undersøger sammenhængen mellem knogleomsætningen, diabetes og risikoen for knoglebrud. Derudover er projektets resultater baseret på to kliniske studier: 1) for at undersøge knogleomsætningens døgnvariation hos patienter med type 1 og type 2 diabetes, og 2) for at undersøge den mulige effekt på knogleomsætning og knoglestruktur af en ny type medicin (liraglutid), der benyttes til behandling af type 2 diabetes. Projektet er gennemført af læge Katrine Hygum.

Forsvaret af ph.d.-projektet er offentligt og finder sted den 8/11 kl. 14.00 i auditorium C114-101, Aarhus Universitetshospital, Palle Juul-Jensens Boulevard 35, 8200 Aarhus N. Titlen på projektet er "Bone disease in patients with diabetes: bone remodeling, fracture prediction, and effects of gastrointestinal hormones". Yderligere oplysninger: Ph.d.-studerende Katrine Hygum, e-mail: katrhygu@rm.dk.

Bedømmelsesudvalg:

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Press release (English)

Bone disease in patients with diabetes

Patients with diabetes have an increased risk of fracture, and bone disease is a serious complication to diabetes type 1 and 2.

A new project from Aarhus University, Health, has investigated the mechanisms behind bone disease in diabetes. The project is based partly on the results from two large meta-analyses that explore the association between bone turnover, diabetes, and the risk of fractures. Furthermore, the project is based on the results from two clinical studies; 1) to investigate the diurnal variation in bone turnover in patients with type 1 and type 2 diabetes, and 2) to investigate the possible effect on bone turnover and bone structure of a new antidiabetic medication (liraglutide). The project was carried out by Katrine Hygum.

The defence is public and takes place on 8/11 at 14.00 in auditorium C114-101, Aarhus University Hospital, Palle Juul-Jensens Boulevard 35, 8200 Aarhus N. The title of the project is ”Bone disease in patients with diabetes: bone remodeling, fracture prediction, and effects of gastrointestinal hormones”. For more information, please contact PhD student Katrine Hygum, email: katrhygu@rm.dk.

Assessment committee:

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