

Press release

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Basic information

Name: Kristina Laugesen Email: kristina.laugesen@clin.au.dk Phone: 26428604

Department of: Clinical Medicine

Main supervisor: Henrik Toft Sørensen

Title of dissertation: Glucocorticoid treatment: Population-based studies on utilization and selected adverse effects

Date for defence: March 24th 2020 at (time of day): 1 pm Place: Department of Clinical Epidemiology, Aarhus University Hospital, Olof Palmes Allé 43-45, 8200 Aarhus N

Press release (Danish)

Glukokortikoidbehandling: Populationsbaserede studier om forbrug samt udvalgte bivirkninger

Glukokortikoider anvendes hyppigt og er også associeret med alvorlige bivirkninger, herunder iatrogen binyrebarkinsufficiens og neuropsykiatriske symptomer. Biokemisk defineret binyrebarkinsufficiens efter behandling med orale glukokortikoider forekommer hyppigt (prævalens ~ 50%). Den kliniske betydning er dog stadig omdiskuteret og antallet af studier, der undersøger symptomer og kliniske fund associeret med binyrebarkinsufficiens, er begrænsede. Ligeledes er neuropsykiatriske symptomer associeret med glukokortikoidbehandling hyppige (1%- 62%). Alligevel eksisterer der kun sparsom evidens vedrørende en mulig association med selvmord. Formålene med denne afhandling var at kvantificere forbruget af glukokortikoider, at undersøge kliniske konsekvenser af binyrebarkinsufficiens samt undersøge om behandling med glukokortikoider er associeret til selvmord.

Resultaterne er sammenfattet i et nyt ph.d.-projekt fra Aarhus Universitet, Health. Projektet er gennemført af Kristina Laugesen, der forsvare det d. 24/03-2020

Forsvaret af ph.d.-projektet er offentligt og finder sted den 24/03 kl. 13 i auditoriet på Klinisk Epidemiologisk Afdeling, Aarhus Universitetshospital, Olof Palmes Allé 43-45, Aarhus. Titlen på projektet er "Glucocorticoid treatment: Population-based studies on utilization and selected adverse effects". Yderligere oplysninger: Ph.d.-studerende Kristina Laugesen, e-mail: kristina.laugesen@clin.au.dk, tlf. 26428604.

Bedømmelsesudvalg:

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Department of Endocrinology, Department of Clinical Medicine, Copenhagen University Hospital, Copenhagen, Denmark

Press release (English)

Glucocorticoid treatment: Population-based studies on utilization and selected adverse effects

Glucocorticoids are used widely and associated with adverse effects, including adrenal insufficiency and neuropsychiatric symptoms. Biochemically assessed adrenal insufficiency following oral glucocorticoid cessation is prevalent (prevalence ~ 50%). Still, the clinical importance is questioned and studies that evaluate clinical signs and symptoms of adrenal insufficiency are limited. Neuropsychiatric symptoms are common adverse effects of glucocorticoids (1% to 62%). Nevertheless, only sparse evidence exists on a potential association with suicide. This thesis aimed to quantify glucocorticoid use, to investigate clinical consequences of adrenal insufficiency and to examine the association between glucocorticoid use and suicide. The project was carried out by Kristina Laugesen, who is defending her dissertation on 24/03.

The defence is public and takes place on 24/03 at 1 pm in the auditorium at Department of Clinical Epidemiology, Aarhus University Hospital, Olof Palmes Allé 43-45, Aarhus. The title of the project is "Glucocorticoid treatment: Population-based studies on utilization and selected adverse effects". For more information, please contact PhD student Kristina Laugesen, email: kristina.laugesen@clin.au.dk , Phone +45 26428604.

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