

Press release

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Basic information

Name: Mia Glerup Email: miagleru@rm.dk Phone: 61333138

Department of: Clinical Medicine

Main supervisor: Prof. Troels Herlin

Title of dissertation: Long-term outcomes of Juvenile Idiopathic Arthritis (JIA): 18 years of follow-up in the population-based Nordic JIA cohort

Date for defence: 27.9.2019 at (time of day): 14.30 Place: Auditorium J116-113 – entrance J, krydspunkt J110 (level 1) Aarhus University Hospital, Palle Juul-Jensens Boulevard 165, 8200 Århus N

Press release (Danish)

"Langtids-opfølgning af børnegigt: 18 års opfølgning af den populations-baserede nordiske kohorte"

Prognosen for Juvenil idiopatisk artrit (JIA) er forbedret markant med moderne behandlingsmuligheder. Spørgsmålet er dog hvordan det påvirker sygdomsforløbet og tidligere studier er måske ikke længere sammenlignelige med nutidens patienter. Det er vigtigt med opdateret viden om prognosen for den enkelte patient tidligt i forløbet for at kunne optimere behandlingen, og for at kunne give familien tilstrækkelig viden om, hvad de kan forvente sig af fremtiden. Et nyt ph.d.-projekt fra Aarhus Universitet, Health har undersøgt langtidsprognosen ved JIA i relation til sygdomsaktivitet og remissionsstatus, medicinering og skader 18 år efter symptom debut. Derudover undersøges, hvorvidt biomarkører for immunsystemet (lectin pathway proteiner) kan bruges til at måle sygdomsaktiviteten og til at forudsige remission 17 år efter sygdomsdebut. Vi fandt at næsten halvdelen havde aktiv gigt selv efter 18 års sygdom, og 61% havde destruktion i mindst et kæbeled som følge af gigten. Vi fandt desuden, at lektinerne ikke kunne prædiktere opnåelsen af remission 17 år efter sygdomsdebut. Projektet er gennemført af Mia Glerup.

Forsvaret af ph.d.-afhandlingen er offentligt og finder sted den 27/09 2019 kl. 14.30 i auditorium J116-113 (indgang J, plan 1), Aarhus Universitetshospital, Palle Juul-Jensens Boulevard 165, 8200 Aarhus N. Titlen på projektet er: Langtidsopfølgning af børnegigt: 18 års opfølgning af den populations-baserede nordiske kohorte. Yderligere oplysninger: PhD-studerende Mia Glerup, e-mail: miagleru@rm.dk, tlf: 6133 3138.

Bedømmelsesudvalg:

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Press release (English)

Long-term outcomes of Juvenile Idiopathic Arthritis (JIA): 18 years of follow-up in the population-based Nordic JIA cohort.

The project was carried out by Mia Glerup, who is defending her dissertation on long-term follow-up of juvenile idiopathic arthritis.

The outcome of children with Juvenile idiopathic arthritis (JIA) has improved dramatically with modern treatments; however, there is an ongoing debate on how it affects the disease trajectory and previous outcome studies in JIA may not be reliable anymore.

It is essential with up to date knowledge of the prognosis for the individual patient early in the disease course to optimize treatment and to provide adequate information to the families on what to expect about the outcome. A new PhD project from Aarhus University, Health is therefor investigating the long- term course, remission rate, burden of medication and damage 18 years after disease onset in a population-based, Nordic cohort at the very early biologic era. In addition, biomarkers of the innate immune system (lectin pathway protein levels) are correlated to the disease activity and if they have a predictive value for obtaining remission. We found that almost half of the participants had active disease 18 years after disease onset and 61% had at least one abnormal jaw on a scan. None of the lectin pathway proteins could anticipate the future disease course in terms of remission.

The defence is public and takes place on 27/9-2019 at 14h30 in auditorium J116-113 (Entrance J, level 1), Aarhus University Hospital, Palle Juul-Jensens Boulevard 165, 8200 Aarhus N. The title of the project is Long-term outcomes of Juvenile Idiopathic Arthritis (JIA): 18 years of follow-up in the population-based Nordic JIA cohort. For more information, please contact PhD student Mia Glerup, email: miagleru@rm.dk, Phone +45 6133 3138.

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