

Press release

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Basic information

Name: Inge Brosbøl Iversen Email: iniver@rm.dk Phone:

Department of: Clinical Medicine

Main supervisor: Henrik Albert Kolstad

Title of dissertation: Occupational dust exposure and risk of interstitial lung diseases

Date for defence: January 19 at (time of day): 14:00 Place: Auditorium C114-101, Entrance C, Aarhus University Hospital, Palle Juul-Jensens Boulevard 35, 8200 Aarhus N

Press release (Danish)

Arbejdsrelateret støveksposering og risiko for interstitiel lungesygdom

Et nyt ph.d.-projekt fra Aarhus Universitet, Health, har undersøgt sammenhænge mellem arbejdsrelateret støveksposering og risiko for interstitielle lungesygdomme. Projektet er gennemført af Inge Brosbøl Iversen, der forsvare det d. 19/1 2024.

Forebyggelse af interstitielle lungesygdomme er afgørende, da sygdommene påvirker livskvaliteten og kan medføre øget dødelighed. Det er velkendt, at arbejdsrelaterede støveksposeringer kan være årsag til bestemte typer interstitiel lungesygdom i højt eksponerede fag og brancher, men der mangler viden om risikoen i en lavere eksponeret bred erhvervspopulation.

Det aktuelle ph.d.-projekt har i tre registerstudier undersøgt sammenhængen mellem arbejdsrelateret eksponering for krystallinsk silika, asbest og organisk støv og risiko for interstitielle lungesygdomme. Projektets vigtigste fund er, at arbejdsrelateret støveksposering er associeret med flere typer interstitiel lungesygdom end de, der traditionelt er blevet betragtet som relateret til arbejde, og risikoen er også øget i en bred erhvervspopulation. Resultaterne peger på et behov for yderligere forebyggende initiativer rettet mod arbejdsrelateret støveksposering og indikerer, at en bredere definition af arbejdsbetinget interstitiel lungesygdom kan være berettiget.

Forsvaret af ph.d.-projektet er offentligt og finder sted den 19/1-2024 kl. 14 i auditorium C114-101, indgang C, Aarhus Universitetshospital, Palle Juul-Jensens Boulevard 35, Aarhus. Titlen på projektet er "Occupational dust exposure and risk of interstitial lung diseases". Yderligere oplysninger: Ph.d.-studerende Inge Brosbøl Iversen, e-mail: iniver@rm.dk.

Bedømmelsesudvalg:

Johannes Schmid, læge, ph.d, Institut for Klinisk medicin - Lungesygdomme, Aarhus Universitet og Aarhus Universitetshospital, Danmark

Marcel Veltkamp, læge, ph.d., ILD Centre of Excellence, Department of Pulmonology, St. Antonius Hospital, Nieuwegein, Netherlands

Professor Bengt Järholm, læge, ph.d., Department of Public Health and Clinical Medicine, Umeå University, Sweden

Press release (English)

Occupational dust exposure and risk of interstitial lung diseases

A new PhD project from Aarhus University, Health, has investigated associations between occupational dust exposure and risk of interstitial lung diseases. The project was carried out by Inge Brosbøl Iversen, who is defending her dissertation on 19/1 2024.

Prevention of interstitial lung diseases is essential, as the diseases affect the quality of life and can lead to increased mortality. It is well known that occupational dust exposures can be the cause of certain types of interstitial lung disease in high exposure occupations and industries, but there is a lack of knowledge about the risk in a lower-exposed general working population.

The PhD project has examined the association between occupational exposure to crystalline silica, asbestos and organic dust and the risk of interstitial lung diseases in three register studies. The main findings are that occupational dust exposure is associated with more types of interstitial lung disease than those traditionally considered work-related, and the risk is also increased in a general working population. The results point to a need for further preventive initiatives against occupational dust exposure and indicate that a broader definition of occupational interstitial lung disease may be warranted.

The defence is public and takes place on 19/1 2024 at 2:00 p.m. in auditorium C114-101, Entrance C, Aarhus University Hospital, Palle Juul-Jensens Boulevard 35, Aarhus. The title of the project is "Occupational dust exposure and risk of interstitial lung diseases". For more information, please contact PhD student Inge Brosbøl Iversen, email: iniver@rm.dk.

Assessment committee:

Johannes Schmid, MD, PhD, Department of clinical Medicine - Department of Respiratory Diseases and Allergy, Aarhus University and Aarhus University Hospital, Denmark

Marcel Veltkamp, MD, PhD, ILD Centre of Excellence, Department of Pulmonology, St. Antonius Hospital, Nieuwegein, Netherlands

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