

Press release

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Basic information

Name: Lene Maria Ørts Email: lmo@ph.au.dk Phone: 26220021

Department of: Public Health

Main supervisor: Anelli Sandbæk

Title of dissertation: Identification of individuals at risk of developing lung diseases

Date for defence: 27/3-2020 at (time of day): 2 pm Place: The defence will be held as a web defence (due to COVID-19) via Zoom

Press release (Danish)

Indifikation af personer i risiko for at udvikle lungesygdomme

Udiagnosticerede lungesygdomme er et stort problem i Danmark. Tidlig opsporing og relevant behandling kan forebygge forværring af sygdommen.

Det overordnede formål med dette ph.d.-projekt var at undersøge effekten af at tilbyde lungefunktionsundersøgelse til borgere i alderen 30-49 år, herunder fokusere på; 1) om målrettet information om tidlig opsporing af lungesygdomme kunne øge deltagelsen i en forebyggende helbredsundersøgelse, 2) hvordan det i et samfundsøkonomisk perspektiv gik borgeren 25 år efter at have fået konstateret nedsat lungefunktion, og 3) hvor god en lungefunktionsundersøgelse var til at forudsige fremtidig lungesygdom.

Denne afhandling indikerer, at vi kan optimere opsporingen af borgere i risiko for at udvikle lungesygdom. Afhandlingen viser, at borgere med lungefunktion i nedre del af normalområdet (FEV1/FVC: 70-75) er i øget risiko for at udvikle fremtidig lungesygdom og fortjener en øget opmærksomhed ligesom gruppen med FEV1/FVC <70. Projektet er gennemført af Lene Maria Ørts, der forsvare det d. 27/3

Forsvaret af ph.d.-projektet er offentligt og finder sted den 27/3 kl. 14. Grundet COVID-19 vil forsvaret blive udført som et web forsvar via Zoom. For online deltagelse i forsvaret kan du klikke her: <https://aarhusuniversity.zoom.us/j/700404389>

Titlen på projektet er "Indifikation af personer i risiko for at udvikle lungesygdomme". Yderligere oplysninger: Ph.d.-studerende Lene Maria Ørts, e-mail: lmo@ph.au.dk. Hvis man ønsker at stille spørgsmål til den ph.d. studerende, kan der rettes spørgsmål på tlf. 26220021 i slutningen af forsvaret.

Bedømmelsesudvalg:

Torben Sigsgaard, Professor, MD, PhD, (Chairman)
Section for Occupational Health, Department of Public Health, Aarhus University, Aarhus, Denmark

Dorte Ejg Jarbøl, Professor, MD, PhD
Section for General Medical Practice, Department of Public Health, Southern Denmark University, Odense, Denmark

Per Sigvald Bakke, Professor, MD, PhD
Faculty of Medicine, Department of Clinical Science,
Bergen University, Norway

Press release (English)

Identification of individuals at risk of developing lung diseases

Underdiagnosis of lung diseases is a major problem in Denmark. Early detection and relevant treatment can prevent impairment of the condition.

The overall aim of the thesis was to investigate the effect of offering spirometry to citizens aged 30-49 years old, focusing on 1) whether a targeted invitation with focused information about how to prevent lung diseases could increase the participation rate in preventive health check 2) how individuals with impaired lung function are doing socioeconomically after 25 years of follow-up and 3) how good spirometry is at predicting lung diseases in the future.

This dissertation indicates that we can optimise early detection of individuals at risk of developing lung diseases. The dissertation shows that citizens with a lung function in the lower part of the normal range (FEV1/FVC: 70-75) have an increased risk of developing lung diseases and deserve as much attention as those with an FEV1/FVC <70. The project was carried out by Lene Maria Ørts, who is defending her dissertation on 27/3.

The defence is public and takes place on 27/3 at 2 pm. The defence will be held as a web defence (due to COVID-19) via Zoom. You can access the defence here:

<https://aarhusuniversity.zoom.us/j/700404389>

The title of the project is Identification of individuals at risk of developing lung diseases. For more information, please contact PhD student Lene Maria Ørts, email: lmo@ph.au.dk, Phone +45 26220021. If you want to raise questions at the end of the defence, please text Lene Maria, Phone +45 26220021

Assessment committee:

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