

Press release

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Basic information

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Department of: Clinical Medicine

Main supervisor: Elisabeth Bendstrup

Title of dissertation: Health-related quality of life and comorbidities in patients with idiopathic pulmonary fibrosis

Date for defence: 28 April 2020 at (time of day): 13:00 (1.00 PM) Place: Due to COVID-19, the defence will be held online via Zoom

Press release (Danish)

Helbredsrelateret livskvalitet og komorbiditeter ved patienter med idiopatisk pulmonal fibrose

Patienter med idiopatisk pulmonal fibrose lider af nedsat helbredsrelateret livskvalitet og en lang række komorbiditeter. Inden for de seneste år er der udviklet spørgeskemaer specifikt til idiopatisk pulmonal fibrose til måling af helbredsrelateret livskvalitet. Disse spørgeskemaer mangler at blive valideret ved både tværsnitsundersøgelser og ved ændringer over tid for at sikre pålidelige resultater. De fleste tidligere komorbiditetsundersøgelser bygger på data, som er indsamlet forud for undersøgelserne. Der er derfor behov for grundige og fremadrettede undersøgelser af komorbiditeter for at afklare omfanget og typen af komorbiditeter hos patienter med idiopatisk pulmonal fibrose.

Resultaterne viser, at de sygdomsspecifikke spørgeskemaer gav valide og pålidelige resultater, når de blev sammenlignet med andre mål for helbredsrelateret livskvalitet og lungefunktion. Resultaterne fra spørgeskemaerne reagerede også på ændringer i helbredsrelateret livskvalitet og lungefunktion under en 12-måneders opfølgingsperiode. Hjerte-, vejrtræknings-, mave-tarm-, stofskifte- og urinvejssygdomme var blandt de hyppigste komorbiditeter. Fire klynger af komorbiditeter blev identificeret og disse klynger kan repræsentere særskilte grupper af patienter med idiopatisk pulmonal fibrose. Resultaterne beskrives i et nyt ph.d.-projekt fra Aarhus Universitet, Health. Projektet er gennemført af læge, ph.d.-studerende Thomas Skovhus Prior, der forsvare det d. 28. april 2020.

Forsvaret af ph.d.-projektet er offentligt og finder sted den 28. april kl. 13.00. Grundet COVID-19 vil forsvaret blive gennemført online via Zoom. For at følge forsvaret, bedes du kontakte Mette Toft (mettflas@rm.dk, +45 7846 2106) for at modtage linket til forsvaret.

Titlen på projektet er "Helbredsrelateret livskvalitet og komorbiditeter ved patienter med idiopatisk pulmonal fibrose". Yderligere oplysninger: Ph.d.-studerende Thomas Skovhus Prior, e-mail: Thomas_prior@clin.au.dk, tlf. +45 7846 2106.

Bedømmelsesudvalg:

Søren Jensen-Fangel, MD, DMSc, Associate Professor, Senior Consultant
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Press release (English)

Health-related quality of life and comorbidities in patients with idiopathic pulmonary fibrosis

Patients with idiopathic pulmonary fibrosis have impaired health-related quality of life and suffer from numerous comorbidities. In recent years, questionnaires specific for idiopathic pulmonary fibrosis have been developed. However, these questionnaires must be validated both cross-sectionally and longitudinally to ensure reliable results. Most previous studies on comorbidities have been based on data collected in the past. Therefore, thorough testing for comorbidities needs to be conducted prospectively to ensure a comprehensive evaluation of the comorbidity burden among patients with idiopathic pulmonary fibrosis.

The results show that the disease-specific questionnaires provided valid and reliable results in patients with idiopathic pulmonary fibrosis when compared to other measures of health-related quality of life and pulmonary function. The questionnaires also responded to changes in health-related quality of life and pulmonary function during a 12-month follow-up period. The most common comorbid conditions included cardiac, respiratory, gastro-intestinal, metabolic and urinary diseases. Four clusters of comorbidities with individual characteristics were identified and these clusters could represent distinct groups of patients with idiopathic pulmonary fibrosis. The project was carried out by MD, PhD-student Thomas Skovhus Prior, who is defending his dissertation on 28th April 2020.

The defence is public and takes place on 28 April 2020 at 1.00 PM. Due to COVID-19, the defence will be held online via Zoom. Please contact Mette Toft (mettflas@rm.dk, +45 7846 2106) to receive the link to attend the defence online.

The title of the project is 'Health-related quality of life and comorbidities in patients with idiopathic pulmonary fibrosis'. For more information, please contact PhD student Thomas Skovhus Prior, email: Thomas_prior@clin.au.dk, Phone +45 7846 2106.

Assessment committee:

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