

Media release

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Basic information

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Department of: Clinical Medicine

Main supervisor: Lars Iversen

Title of dissertation: Skin-Directed Therapies and Comorbidity in Patients with Cutaneous T-cell Lymphoma and Parapsoriasis

Date for defence: 26th January 2017 at (time of day): 13.00 Place: Auditorium I, Hudklinikken, Aarhus Universitetshospital, P.P. Ørumsgade 11, bygning 12A, 8000 Aarhus C.

Media release (Danish)

Ny viden om lymfekræft i huden kan forbedre behandlingen

Nyt ph.d.-projekt fra Aarhus Universitet, Health kan få betydning for behandling af patienter med lymfekræft i huden. Bag projektet står læge Lise M. Lindahl, som forsvarer projektet d. 26. januar 2017.

Lymfekræft i huden er en sjælden kræftsygdom, karakteriseret ved vækst af kræftceller og inflammation i huden. Sygdommen kan ikke helbredes, men effektiv behandling kan holde sygdommen under kontrol i flere år. Hvis sygdommen spreder sig, kan den udvikle sig til en aggressiv og livstruende kræftsygdom. Derfor er det vigtigt, at sygdommen holdes under kontrol med effektiv behandling, der giver få bivirkninger på både kort og lang sigt. Resultaterne fra ph.d.-projektet viser, at helkropsstrålebehandling og pensling med sennepsgas er effektive behandlinger til at reducere sygdomsbyrden uden at medføre svære bivirkninger. Endvidere viser ph.d.-projektet at behandling med sennepsgas giver lav risiko for langtidsbivirkninger.

Baseret på hypotesen om at inflammation i huden kan øge risikoen for hjerte-kar-sygdom, har ph.d. projektet endvidere vist at lymfekræft i huden er associeret med øget en risiko for hjerte-kar-sygdom inden for de første 5 år efter diagnosen.

Resultaterne af ph.d.-projektet viser således, at de specielle lokalbehandlinger helkropsstrålebehandling og pensling med sennepsgas er effektive og sikre behandlinger til patienter med lymfekræft i huden samt at disse patienter har en øget risiko for hjerte-kar-sygdom inden for de første 5 år efter diagnosen er stillet.

Forsvaret af ph.d.-projektet er offentligt og finder sted d. 26 januar kl. 13.00 i Auditorium I, Hudklinikken, Aarhus Universitetshospital, P.P. Ørumsgade 11, bygning 12A, 8000 Aarhus C. Titlen på projektet er "Skin-Directed Therapies and Comorbidity in Patients with Cutaneous T-cell Lymphoma and Parapsoriasis". Yderligere oplysninger: Læge Lise M. Lindahl, e-mail: lise.lindahl@clin.au.dk.

Media release (English)

New knowledge may improve treatment of lymphoma in the skin.

A new PhD project from Health, Aarhus University, may improve treatment of patients with lymphoma in the skin. The project was carried out by M.D. Lise M. Lindahl, who is defending her dissertation on January 26, 2017.

Lymphoma in the skin is a rare disease characterised by cancer growth and inflammation in the skin. The disease is incurable, but efficient treatment may provide disease control for several years. If the disease progresses, an aggressive and life-threatening form of the disease may occur. Accordingly, it is important to keep the disease at a low stage by using effective treatments with low risk of immediate and long-term side effects. The results of the PhD project show that total skin electron beam therapy and topical nitrogen mustard treatment, effectively reduce the tumour burden without causing severe side effects. The PhD project also show that nitrogen mustard treatment has a safe long-term side effect profile.

Moreover, based on the hypothesis that skin inflammation can increase the risk of cardiovascular disease, the PhD project demonstrates that lymphoma in the skin is associated with increased risk of cardiovascular disease within the first 5-years after diagnosis.

Thus, the PhD project shows that two specific skin-directed therapies, total skin electron beam therapy and topical nitrogen mustard therapy, are effective and safe treatments for patients with lymphoma in the skin and that these patients have an increased risk of cardiovascular disease within the first 5-years after diagnosis.

The defence is public and takes place on January 26, 2017 at Auditorium I, Department of Dermatology, Aarhus University Hospital, P.P. Ørumsgade 11 building 12A, Aarhus, Denmark. The title of the project is "Skin-Directed Therapies and Comorbidity in Patients with Cutaneous T-cell Lymphoma and Parapsoriasis". For more information, please contact M.D. Lise M. Lindahl, email: lise.lindahl@clin.au.dk.

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