Press release

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Basic information

Name: Thomas Falstie-Jensen Email: thofal@clin.au.dk Phone: 51484785

Department of: Clinical Medicine

Main supervisor: Kjeld Søballe

Title of dissertation: Low-grade infections in patients with shoulder replacements - diagnose and outcome"

Date for defence: 29.11.2019 at (time of day): 14.00 Place: Lokale nr.: 1253-211, Merete Barker, Søauditorierne, AU

Press release (Danish)

Diagnostik og behandling af sløve infektioner i kunstige skulderled

Infektioner af kunstige led kan have alvorlige konsekvenser for patienterne. Netop derfor er det vigtigt at diagnosticere infektioner i rette tid med henblik på at målrette en behandling, hvor protesen udskiftes på den mest skånsomme, men samtidig mest effektive måde for patienten. Resultaterne af denne ph.d indikerer, at avancerede billedeundersøgelser med radioaktive isotoper ikke giver tilstrækkeligt sikre resultater til at kunne identificere sløve infektioner i en kunstig skulderproteser før en operation. Men samtidig tyder et af studierne på, at visse typer sløve infektioner i en skulderprotese kan behandles med ét-stadie revision, idet patienter med infektion har et resultat 2 år efter revision, der er sammenlignelig med resultatet for patienter uden infektion.
Patienter i projektet blev behandlet af ortopædkirurgiske og nuklearmedicinske afdelinger på Herlev-Gentofte Hospital og Aarhus Universitetshospital. Ph.d.-projektet udgår fra Aarhus Universitet, Health og er gennemført af afdelingslæge Thomas Falstie-Jensen.

Forsvaret af ph.d.-projektet er offentligt og finder sted den 29/11 2019 kl. 14, Merete Barker auditorium, Søauditorierne, Aarhus Universitet, Bartholins alle 3, 8000 Aarhus C.
Titlen på projektet er ”Low-grade infections in patients with shoulder replacements - diagnose and outcome".
Yderligere oplysninger: Ph.d.-studerende Thomas Falstie-Jensen, e-mail: thofal@clin.au.dk, tlf. 51484785.

Bedømmelsesudvalg:
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Jeppe Vejlgaard Rasmussen, MD, PhD, klinisk lektor, Ortopædkirurgisk afd., Herlev-Gentofte hospital, Denmark

Press release (English)

Diagnsitic and treatment of periprosthetic shoulder infections

Infection of a joint replacement can lead to detrimental consequenses for the patient. Consequently, the diagnostic approach is paramount for choosing the right surgical and antibiotic treatment. Especially low-grade infections can be difficult to diagnose. The PhD shows that advanced nuclear medicine imaging cannot identify low-grade infections with acceptable certainty to warrant a routine use of these modalies. Despite the difficulty of diagnosing infections the study also shows that specific low-grade infections can be treated with a one-stage revision since patients report a similar functional

outcome two years after the operation as patients without infection do. All patients were diagnosed and treated at the department of ortopheadics and the Departement of Nuclear Medicine at Herlev-Gentofte Hospital and Aarhus University Hospital.
The project was carried out by Thomas Falstie-Jensen, MD, who is defending his dissertation on 29/11/2019.

The defence is public and takes place on 29/11 at 14 pm in Merete Barker auditorium, Søauditorierne, Aarhus Universitet, Bartholins alle 3, 8000 Aarhus C.
The title of the project is ”Low-grade infections in patients with shoulder replacements - diagnose and outcome".
For more information, please contact PhD student Thomas Falstie-Jensen, email:thofal@clin.au.dk , Phone +45 5148 4785.

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