AARHUS UNIVERSITY

Press release

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Basic information

Name: Ahmed A. Abood Email: aah.abood@clin.au.dk Phone: 23902990

Department of: Clinical Medicine

Main supervisor: Professor Bjarne Møller-Madsen

Title of dissertation: Formation and Prevention of Bone Bridges after Physeal Injury
An Experimental Study in a Porcine Model

Date for defence: 5/3/2021 at (time of day): 14.00 Place: Auditorium G206-142, Aarhus University Hospital

Press release (Danish)

PhD forsvar - Skader i Vækstskiven

Skader i vækstskiven hos børn kan lede til vaksthæmning med ledsagende deformiteter i ekstremiteterne. Vaksthæmningen sker som følge af dannelsen af en knoglebro i den skadede del af vækstskiven. Disse skader behandles i dag oftest ved resektion af knoglebroen og efterfølgende indsættelse af fedtvæv. Denne behandling er dog ofte ineffektiv. Behandling med hyalin brusk viser dog et potentile i regenerering af den skadede del af vækstskiven i et nyt ph.d.-projekt fra Aarhus Universitet, Health. Projektet er gennemført af Ahmed Abood, Ortopædkirurgisk Afdeling, der forsvarer det d. 05/03/2021

Forsvaret af ph.d.-projektet er offentligt og finder sted den 05/03/21 kl. 14 i auditorium G206, Aarhus Universitetshospital, Palle-Juul Jensens Blvd, Aarhus N. Titlen på projektet er "Formation and Prevention of Bone Bridges after Physeal Injury - An Experimental Study in a Porcine Model". Yderligere oplysninger: Læge Ahmed Abood, e-mail: aah.abood@clin.au.dk, tlf. 23 90 29 90.

Bedømmelsesudvalg:

Associate Professor, Overlæge, dr. med. Thomas Jakobsen, Ortopædkirurgisk Afdeling, Aalborg Universitetshospital, Aalborg

Professor, Overlæge, PhD. Igancio Sanpera, Ortopædkirurgisk Afdeling, Son Espases Universitetshospital, Palma

Professor, Overlæge, PhD. Torben Bæk Hansen, Ortopædkirurgisk Afdeling, Hospitalsenheden Vest, Holstebro

Press release (English)

PhD Defence - Physeal Injurues

Physeal injuries in children can cause growth arrest and angular bone deformities. The growth arrest occurs due to bone bridge formation at the physeal injury site. Such bone bridges are currently treated by resection and interposition of i.e, fat tissue in the gap. However, this treatment option has proven ineffective. Alternatively, interposition of cartilage in the resected physeal gap reveals promising results in re-generating the physis after injury in a recent ph.d. project from Aarhus University, Health. The project was carried out by Ahmed Abood, Department of Orthopaedics, who is defending his dissertation on 05/03.

The defence is public and takes place on 05/03/21 at 14.00 in auditorium G206, Aarhus University Hospital, Palle-Juul Jensens Blvd, Aarhus N. The title of the project is "Formation and Prevention of Bone Bridges after Physeal Injury - An Experimental Study in a Porcine Model". For more information, please contact Dr. Ahmed Abood, email: aah.abood@clin.au.dk, Phone +45 23 90 29 90.

Assessment committee:

Associate Professor, Consultant, PhD, dr. med. Thomas Jakobsen, Department of Orthopaedics, Aalborg University Hospital, Aalborg

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