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Invitation for PhD defense

by Hans-Christen Husum



PUBO-FEMORAL DISTANCE MEASUREMENTS IN SCREENING FOR DEVELOPMENTAL DYSPLASIA OF THE HIP

Friday 23rd of June, 203
Time 1330: in the Auditorium,
Medicinerhuset, Aalborg Universitetshospital



About the PhD thesis

Screening for developmental dysplasia of the hip (DDH) has been performed in the developed world for several decades. Initially the screening consisted of clinical examinations of hip stability, but with the introduction of hip ultrasound (US) in the 1980s, mass screening of DDH based on hip morphology was made possible.

The advent of US screening also introduced the question of which children should receive a hip US, launching a debate that is still ongoing. Should they be referred for US based on a DDH risk assessment (selective screening) or should all children receive a hip US (universal screening)?

While universal screening has been pursued in some countries, today most screening programmes for DDH apply the selective screening approach citing, among other issues, the increased financial cost of universal screening but also the need for specialised examiners to perform the US screening.

Over the years, evidence indicating an inadequacy of selective screening to reduce late diagnoses or ultimately surgical treatment for DDH, has been reported. Health policy makers are therefore left with the choice of either continuing a possible ineffective screening programme or to pursue universal screening, in a time where healthcare resources are becoming increasingly scarce.

The present thesis presents a possible middle-ground, by investigating the pubo-femoral distance (PFD) as a more accessible US metric, allowing inexperienced US examiners to perform US screening, thus driving down the cost and personnel requirements of a universal US screening programme.

Invitation for PhD defense

The Department of Clinical Medicine, Aalborg University and Aalborg University Hospital are pleased to invite to PhD defense by Hans-Christen Husum, who will defend the thesis entitled:

Pubo-femoral distance measurements in screening for developmental dysplasia of the hip

The PhD defense will take place

Friday 23rd of June, 2023

At 1400: in the auditorium at Medicinerhuset,
Aalborg University Hospital

After the defense there will be held a reception. All are welcome.

The defense will be streamed online. Use the following link to join:

<https://ilk.dk/r1m1ou>