

## Press release

Please fill in this form and return it to [graduateschoolhealth@au.dk](mailto:graduateschoolhealth@au.dk) in Word format no later than three weeks prior to your defence.

### Basic information

Name: Sidsel Boie Email: [sidselboie@clin.au.dk](mailto:sidselboie@clin.au.dk) Phone: 60636835

Department of: Clinical Medicine

Main supervisor: Isil Pinar Bor

Title of dissertation: Continued versus discontinued oxytocin stimulation in the active phase of labour

Date for defence: 5<sup>th</sup> of March 2021 at (time of day): 2 PM Place: Læringscenterets auditorium, Regionshospitalet Randers, indgang B

Press release (Danish)

Kontinuerlig versus afbrudt ve-stimulerende drop til igangsatte fødsler

Hermed annonceres afholdelse af et ph.d. forsvar udgående fra Aarhus Universitet. Læge Sidsel Boie har gennemført sin ph.d. og forsvaret denne d. 5. marts 2021.

Hver fjerde kvinde oplever at få fødslen sat i gang. Dette indebærer ofte behandling med et ve-stimulerende drop. Stimulationen er en balance mellem ønsket om fremgang i fødslen og risikoen for bivirkninger for mor og barn. Den hyppigste bivirkning er for hyppige veer, som kan medføre at iltforsyningen til barnet påvirkes og dermed en risiko for et akut kejsersnit. Forskellige behandlingsregimer med ve-stimulerende drop er blevet foreslået. Denne ph.d. omhandler fordele og ulemper for mor og barn ved at afbryde eller forsætte ve-stimulerende drop under igangsatte fødsler, primært hvordan risikoen for at ende i et kejsersnit påvirkes. Resultaterne vil blive præsenteret og diskuteret til forsvaret.

Ph.d. forsvaret er offentligt og finder sted den 5/3-2021 kl. 14 i Læringscenterets auditorium, Regionshospitalet Randers, Indgang B, Skovlyvej 9, 8930 Randers NØ (med begrænset antal pladser), samt online på Zoom (Meeting ID 646 0036 4870; invitation link <https://aarhusuniversity.zoom.us/j/64600364870>). Yderligere oplysninger: Ph.d.-studerende Sidsel Boie, e-mail: [sidselboie@clin.au.dk](mailto:sidselboie@clin.au.dk), tlf. 60636835.

Bedømmelsesudvalg:

Per Ovesen, overlæge og professor ved Afdeling for Kvindesygdomme og Fødsler på Aarhus Universitetshospital (formand)

Anna Sandström, speciallæge og ph.d. ved Karolinska Institutet i Sverige

Kate Walker, klinisk lektor, speciallæge og ph.d. ved Nottingham Universitet i England

Press release (English)

Continued versus discontinued oxytocin stimulation of labour

Hereby the announcement of a public PhD defence from Aarhus University. The PhD was carried out by Sidsel Boie, who is defending her dissertation on the 5th of March.

Approximately one fourth of all term pregnant women have their labour induced. This often includes oxytocin stimulation. The stimulation requires a delicate balance between the wish for progression of labour and the risks to the mother and the neonate. The most common adverse effect of oxytocin stimulation is the risk of hyperstimulation, which may affect the oxygen supply for the baby and lead to the need of immediate delivery. Different approaches to oxytocin administration have been suggested. The overall aim of the PhD was to explore the maternal and neonatal consequences of

discontinued oxytocin stimulation versus continued stimulation for induction of labour, primarily focusing on the caesarean delivery rate. The results will be presented and discussed at the defence.

The defence is public and takes place on 5<sup>th</sup> of March 2021 at 2 PM in Læringscenterets auditorium, Regionshospitalet Randers, Indgang B, Skovlyvej 9, 8930 Randers NØ (with limited seats available) and online by Zoom (Meeting ID 646 0036 4870; invitation link <https://aarhusuniversity.zoom.us/j/64600364870>). For more information, please contact the PhD student Sidsel Boie, email: [sidselboie@clin.au.dk](mailto:sidselboie@clin.au.dk), Phone +45 60636835.

Assessment committee:

Per Glud Ovesen, Professor, Department of Clinical Medicine, Department of Obstetrics and Gynaecology, Aarhus University, Denmark (Chair)

Anna Sandström, MD, PhD, Consultant, Clinical Epidemiology Unit, Department of Medicine, Karolinska Institute, Sweden

Kate Walker, MD, PhD, Clinical associate professor in Obstetrics/Ane McLaren Fellow, Nottingham Clinical Trials Unit, United Kingdom

### **Permission**

By sending in this form:

- I hereby grant permission to publish the above Danish and English press releases.
- I confirm that I have been informed that any applicable inventions shall be treated confidentially and shall under no circumstances whatsoever be published, presented or mentioned prior to submission of a patent application, and that I have an obligation to inform my head of department and the university's Patents Committee if I believe I have made an invention in connection with my work. I also confirm that I am not aware that publication violates any other possible holders of a copyright.