

Press release

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

Basic information

Name: Anne Staub Rasmussen

Email: anne@clin.au.dk Phone: +4587167212

Department of: Clinical Medicine

Main supervisor: Mette Nørgaard

Title of dissertation: Surgery during pregnancy - risk and prognosis

Date for defence: 09.06.2021 at (time of day): 10.00 Place: Online via Zoom:
(<https://aarhusuniversity.zoom.us/j/65232687048>)

Press release (Danish)

Kirurgi under graviditet - risiko og prognose

I Danmark fødes over 60.000 børn årligt. I cirka 2% af alle graviditeter opstår der behov for et kirurgisk indgreb, der ikke er relateret til graviditeten. Der mangler information om risikoen for fosterpåvirkning efter sådanne indgreb. Dette belyses i et nyt ph.d.-projekt fra Aarhus Universitet, Health. Projektet er register-baseret og består af 4 studier der undersøger forekomsten af kirurgiske indgreb under graviditet i Danmark fra 1996-2015, risikoen for at fosteret fødes for lille eller for tidligt efter mave-tarm kirurgi, herunder blindtarmsoperationer, under graviditeten og risikoen for fosterpåvirkning i graviditeter, der optræder op til 2 år efter et kirurgisk indgreb. Projektet er gennemført af Anne Staub Rasmussen, der forsvare det d. 09/06 2021.

På baggrund af projektet konkluderes det, at der var en øget risiko for spontan abort samt at blive født for tidligt eller for lille i forhold til gestationsalderen efter ikke-graviditetsrelateret mave-tarm kirurgi under graviditet. Fosterpåvirkningen efter visse operationer før graviditet var minimal mens operation for kompliceret blindtarmsbetændelse øgede risikoen for for tidlig fødsel mere end operation for ukompliceret blindtarmsbetændelse. Forsvaret af ph.d.-projektet er offentligt og finder sted den 09/06 kl. 10 online. Titlen på projektet er "Surgery during pregnancy - risk and prognosis". Yderligere oplysninger: Ph.d.-studerende Anne Staub Rasmussen, e-mail: anne@clin.au.dk, tlf. +4587167212.

Bedømmelsesudvalg:

Jens Fuglsang, MD PhD, Lektor, Afdelingen for Kvindesygdomme og fødsler, Aarhus Universitetshospital

Kari Klungsøyr, MD, PhD, Professor, Department of Global Public Health and Primary Care, University of Bergen, Norway

Ellen Løkkegård, MD, PhD, professor, Klinisk Institut, Nordsjællands Hospital, Hillerød

Press release (English)

Surgery during pregnancy - risk and prognosis

In Denmark, more than 60.000 newborns are delivered yearly and in approximately 2% of all pregnancies, there is a need for non-obstetric abdominal surgery. Information on the risk of adverse pregnancy outcomes following these procedures is lacking. This is examined in a new PhD-project from Aarhus University, Health. The project is registry-based and comprises 4 studies examining the prevalence of surgery during pregnancy in Denmark in 1996-2015, the risk of being born preterm or small for gestational age following abdominal surgery, including appendectomies, during pregnancy and the risk of adverse birth outcomes in pregnancies occurring up to 2 years after a surgical procedure. The project was carried out by Anne Staub Rasmussen, who is defending her dissertation on 09/06 2021.

Based on the project it was concluded, that non-obstetric surgery during pregnancy was associated with an increased risk of miscarriage, preterm birth and being born small for gestational age. The risk of adverse birth outcomes following certain surgical procedures conducted before pregnancy was minimal and surgery for complicated appendicitis was followed by higher risk of preterm delivery compared with surgery for uncomplicated appendicitis.

The defence is public and takes place on 09/06 at 10, online. The title of the project is "Surgery during pregnancy - risk and prognosis". For more information, please contact PhD student Anne Staub Rasmussen, email: anne@clin.au.dk, Phone +45 87167212.

Assessment committee: Jens Fuglsang, MD PhD, Associate professor, Department of Gynecology and Obstetrics, Aarhus University Hospital
Kari Klungsoyr, MD, PhD, Professor, Department of Global Public Health and Primary Care, University of Bergen, Norway
Ellen Løkkegård, MD, PhD, Professor, Department of Clinical Medicine, Nordsjællands Hospital, Hillerød

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.