

# NOSS

## Nordic Obstetric Surveillance Study

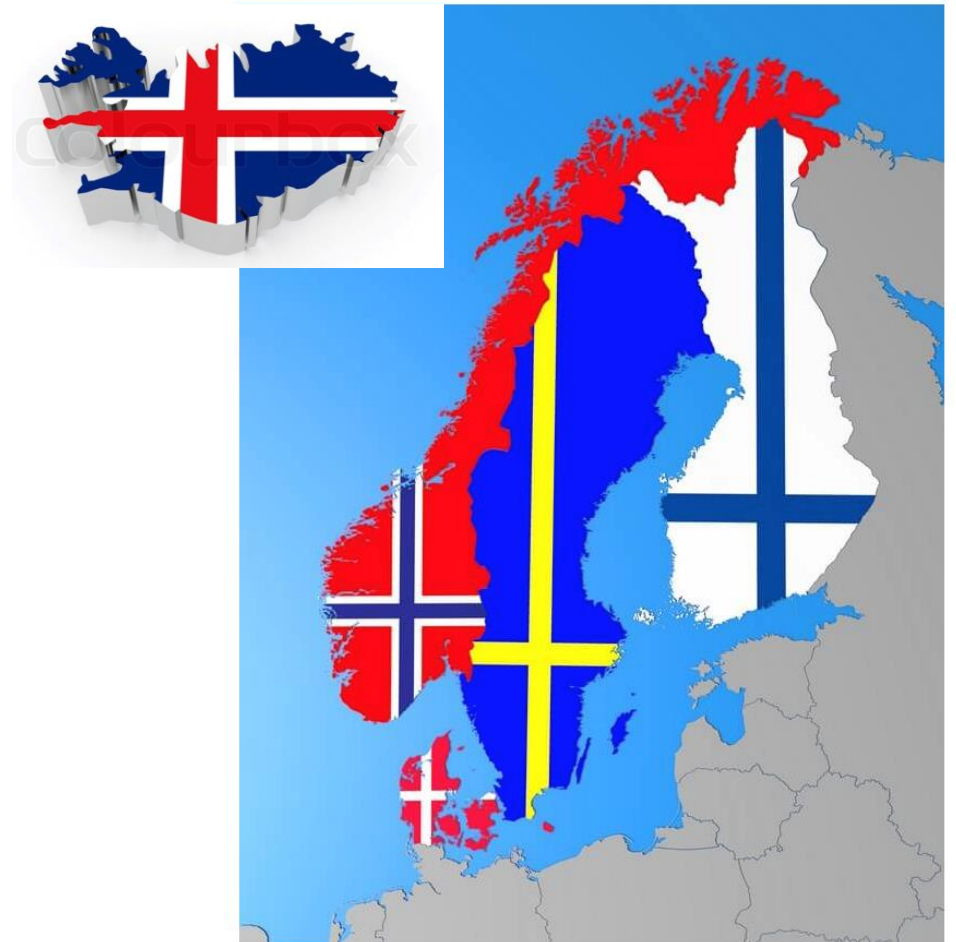
Anna Aabakke

Overlæge

Holbæk Sygehus

# Nordic Obstetric Surveillance Study est 2009

- Nordisk samarbejde mellem obstetrikere og fødselsregistrene
- Studier (audit) af alvorlige og sjældne komplikationer i graviditet og fødsel: "near miss"
- Kombination af direkte rapportering og registerudtræk.
- Prospektive studier



# Previous projects 2009-2012

Hysterectomy

Abnormal invasive placenta (AIP)

Massive Post partum haemorrhage

Uterine rupture

**AOGS**  
ACTA Obstetrica et Gynecologica  Scandinavica

**AOGS** MAIN RESEARCH ARTICLE

**The Nordic Obstetric Surveillance Study: a study of complete uterine rupture, abnormally invasive placenta, peripartum hysterectomy, and severe blood loss at delivery**

LOTTE B. COLMORN<sup>1</sup>, KATHRINE B. PETERSEN<sup>2</sup>, MAIJA JAKOBSSON<sup>3</sup>, PELLE G. LINDQVIST<sup>4</sup>, KARI KLUNGSØYR<sup>5,6</sup>, KARIN KÄLLÉN<sup>7</sup>, RAGNHEILDUR L. BJARNADÓTTIR<sup>8,9</sup>, ANNA-MAIJA TAPPER<sup>10,11</sup>, PER E. BØRDAHL<sup>12,13</sup>, KARI GOTTVALL<sup>14,15</sup>, KARIN KÄLLÉN<sup>16,17</sup>, JENS LANGHOFF-ROOS<sup>18</sup>, MIKA GISSLER<sup>19</sup> & JENNY L. THURN<sup>20</sup>

**AOGS** MAIN RESEARCH ARTICLE

**Emergency peripartum hysterectomy: results from the prospective Nordic Obstetric Surveillance Study (NOSS)**

MAIJA JAKOBSSON<sup>1</sup>, ANNA-MAIJA TAPPER<sup>2</sup>, LOTTE BERDIIN COLMORN<sup>3</sup>, PELLE G. LINDQVIST<sup>4</sup>, KARI KLUNGSØYR<sup>5,6</sup>, LONE KREBS<sup>7,8</sup>, PER E. BØRDAHL<sup>9,10</sup>, KARIN GOTTVALL<sup>11,12</sup>, KARIN KÄLLÉN<sup>12,13</sup>, RAGNHEILDUR L. BJARNADÓTTIR<sup>14</sup>, JENS LANGHOFF-ROOS<sup>15</sup>, MIKA GISSLER<sup>16</sup> & THE NOSS STUDY GROUP

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www.bjog.org

**Abnormally invasive placenta—prevalence, risk factors and antenatal suspicion: results from a large population-based pregnancy cohort study in the Nordic countries**

L Thurn,<sup>a</sup> PG Lindqvist,<sup>b</sup> M Jakobsson,<sup>c</sup> LB Colmorn,<sup>d</sup> K Klungsoyr,<sup>e,f</sup> RI Bjarnadóttir,<sup>g</sup> AM Tapper,<sup>h</sup> PE Børdaahl,<sup>i</sup> K Gottvall,<sup>j,k</sup> KB Petersen,<sup>l</sup> L Krebs,<sup>m</sup> M Gissler,<sup>n,o</sup> J Langhoff-Roos,<sup>d</sup> K Källén<sup>l,p</sup>

# Previous projects 2009-2012

Hysterectomy

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Uterine rupture

ORIGINAL RESEARCH ARTICLE

Risk factors for and pregnancy outcomes after SARS-CoV-2 in pregnancy according to disease severity: A nationwide cohort study with validation of the SARS-CoV-2 diagnosis

Anna J. M. Aabakke<sup>1,2,3</sup> | Tanja G. Petre  
Fjola Jonsdottir<sup>7</sup> | Elisabeth Rønneberg<sup>7</sup>  
Tine D. Clausen<sup>2,3</sup> | Julie Milbak<sup>2</sup> | L.  
Birgitte Lindved<sup>10</sup> | Annette Thorsen-  
Birgitte Henriksen<sup>12</sup> | Lisbeth Jønsson<sup>13</sup>  
Monica L. Pedersen<sup>15</sup> | Gitte Hederman  
Dorthe Thisted<sup>1,17</sup> | Agnethe N. Falleser  
Ditte C. Møller<sup>19</sup> | Greta Dubietyte<sup>19</sup> |  
Ane-Kersti Skaarup Knudsen<sup>22</sup> | Lea Ha  
Sidsel L. Rathcke<sup>24</sup> | Katrine H. Rubin<sup>4,2</sup>  
Lone Krebs<sup>3,11</sup> | Mette Bliddal<sup>4,25</sup>

ORIGINAL RESEARCH ARTICLE

COVID-19 in pregnancy—characteristics and outcomes of pregnant women admitted to hospital because of SARS-CoV-2 infection in the Nordic countries

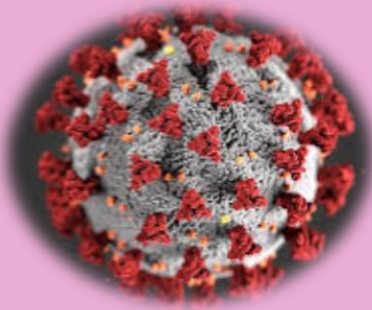
Hilde Engjom<sup>1,2\*</sup> | Anna J.M. Aabakke<sup>3,4\*</sup> | Kari Klungsoyr<sup>5,6</sup> | Teresia Svanvik<sup>7</sup> |  
Outi Äyräs<sup>8</sup> | Eva Jon  
Lill T. Nyfløt<sup>12</sup> | Iqbal  
Karin Källén<sup>13</sup> | Mi

**Severe COVID-19 in pregnancy is almost exclusively limited to unvaccinated women – time for policies to change**

*Hilde Engjom,<sup>a</sup> Thomas van den Akker,<sup>bc</sup> Anna Aabakke,<sup>de</sup> Outi Äyräs,<sup>f</sup> Kitty Bloemenkamp,<sup>g</sup> Serena Donati,<sup>h</sup> Danilo Cereda,<sup>i</sup> Evellen Overtoom,<sup>g</sup> and Marian Knight<sup>†\*</sup>*

# Ongoing projects 2020 -

COVID-19



## Previous projects 2009-2012

Hysterectomy

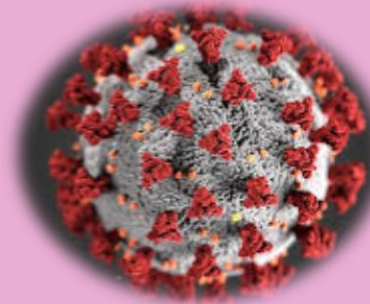
Abnormal invasive placenta (AIP)

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## Ongoing projects 2020 -

COVID-19



## Future projects...

Eclampsia

Sepsis

Perimortem sectio /  
Cardiac arrest

ICU admission

## FORDELE:

### Nordisk samarbejde:

- Ens variabelsæt, så data kan sammenlignes.
- Samme metode til dataindsamling
- Øger styrken (dvs. antal) ved sjældne udfald
- Øget validitet og generaliserbarhed
- Sammenligning af behandlingsregimer

### Audit:

- Danner grundlag for kliniske anbefalinger
- Validering af kodning

## UDFORDRINGER

### Nationalt

- Finansiering

### Nordisk samarbejde

- Databehandleraftaler / videregivelsesaftaler

# Samarbejdspartnere



# NethOSS

- Netherlands Obstetric Surveillance System -

# INOS

The International Network of Obstetric Survey Systems



Europa: Frankrig, Slovakiet,  
Holland, Belgien, UK,  
Italien, Spanien, Portugal

Americas: US og Canada

Afrika: Sydafrika, Ethiopien,  
Namibia

**M. fl.**

# NOSS/INOSS





Interesse / Ideer / Spørgsmål

Anna Aabakke: [aabakke@gmail.com](mailto:aabakke@gmail.com)

Lone Krebs: lone.krebs@regionh.dk