**Report Supplementary Material 1 Questionnaire for the national survey of hospital prophylactic antibiotic administration policies for caesarean section**

**Prophylactic Antibiotic Administration during Caesarean Section**

**Survey**

Dear Colleague,

We are conducting a short survey regarding the practice of prophylactic antibiotic administration for women undergoing caesarean section to inform a study looking at the role of pre-incision antibiotics on the later health of children (NIHR HTA project 16/150/01 Long Term Impact of Pre-incision Antibiotics on Babies Born by Caesarean Section). The study aims to provide further evidence to guide national policy on the use of prophylactic antibiotics for caesarean section by comparing pre-incision antibiotic administration with post-cord clamping antibiotics.

The survey usually takes less than 5 minutes to complete. The questions included in the survey ask if your unit changed giving antibiotics after cord clamping to giving it before cord clamping, and the year this policy was implemented in your unit. We are also keen to know what antibiotics you use for prophylaxis.

All responses to the survey will be kept confidential. We need all units to respond so that we can analyse the national data appropriately. If you have any questions about the survey, please email Peter Brocklehurst at P.Brocklehurst@bham.ac.uk or Dana Sumilo at D.Sumilo@bham.ac.uk

We really appreciate your input.

Kind regards,

Prof Peter Brocklehurst MBChB, MSc, FRCOG, FFPH, FMedSci

Professor of Women’s Health

Director, Birmingham Clinical Trials Unit

Institute of Applied Health Research

University of Birmingham

Dr Dana Sumilo DPhil (Oxon.) FFPH

Institute of Applied Health Research

College of Medical and Dental Sciences

University of Birmingham

Hospital \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Pre-labour caesarean section**

Please indicate at which time point your current unit policy states that prophylactic antibiotics should be given for pre-labour caesarean section:

Before skin incision

After cord clamping

Other (please specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **In-labour caesarean section**

Please indicate at which time point your current unit policy states that prophylactic antibiotics should be given for in-labour caesarean section:

Before skin incision

After cord clamping

Other (please specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Year of policy change**

**IF** antibiotics are given **before skin incision** for **pre-labour and/or in-labour** caesarean section,

in which year was the policy to recommend prophylactic antibiotics at caesarean section prior to skin implemented in your unit?

2010

2011

2012

2013

2014

2015

2016

Other (please specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Women without penicillin allergy**
2. **Which antibiotics do you currently usually use** for prophylaxis at the time of caesarean section in women without penicillin allergy?

Cefuroxime

Metronidazole

Co-amoxiclav

Other (please specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Before the change** **in policy** **to administer prophylactic antibiotics prior to skin incision**, did you use the same combination of antibiotics for women without penicillin allergy?

Yes

No

1. **IF** you used a different combination of antibiotics, please specify which prophylactic antibiotics you used before the change in policy regarding the timing of antibiotic administration for women without penicillin allergy:

Cefuroxime

Metronidazole

Co-amoxiclav

Other (please specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Women with penicillin allergy**
2. **Which antibiotics do you currently usually use** for prophylaxis at the time of caesarean section in women with penicillin allergy?

Clindamycin

Gentamicin

Teicoplanin

Metronidazole

Cefaclor

Other (please specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Before the change in policy to administer prophylactic antibiotics prior to skin incision**, did you use the same combination of antibiotics for women with penicillin allergy?

Yes

No

1. **IF** you used a different combination of antibiotics, please specify which prophylactic antibiotics you used before the change in policy regarding the timing of antibiotic administration for women with penicillin allergy:

Clindamycin

Gentamicin

Teicoplanin

Metronidazole

Cefaclor

Other (please specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**6. Clinical audit**

a) Have you undertaken a clinical audit regarding the use of prophylactic antibiotics at the time of caesarean section within your hospital within the last 3-4 years?

Yes

No

**IF** Yes, please summarise the main findings, including:

- Proportion of women given prophylactic antibiotics

- Proportion of women given prophylactic antibiotics before skin incision (separately by pre-labour and in-labour caesarean section if measured)

- Proportion of women given antibiotics more that 15/30 minutes (please specify) before skin incision (separately by pre-labour and in-labour caesarean section) if measured

1. **Any other comments**

If there is anything else that you would like to tell us about your practice of prophylactic antibiotic administration for women undergoing caesarean section that was not covered in this questionnaire, please enter your comments below:

**Thank you for completing the survey!**