

An Update on Infections During Pregnancy

Joint RCOG/RCPATH meeting

Monday 12 November 2018



The Royal College of Pathologists
Pathology: the science behind the cure



Royal College of
Obstetricians &
Gynaecologists

Venue: RCOG, London

OVERVIEW

A number of pathogens can infect pregnant women and can harm the fetus or lead to the loss of the pregnancy. The burden of some of these infections, such as congenital CMV, is high and the consequences far reaching. The current knowledge and awareness of the screening, prevention and treatment of some of these infections among healthcare professionals is variable and sometimes outdated. Furthermore, the practice and recommendations in this field are constantly changing, e.g. pertussis vaccine in pregnancy.

This one-day course is aimed at trainees, obstetricians, midwives, GPs, sonographers and neonatologists. It will provide a comprehensive update on the management of infections during pregnancy, including screening, diagnosis, prevention, complications and treatment. All sessions will have dedicated time for audience interaction.

Learning Objectives

After attending the meeting, you will:

- Understand the level of knowledge of healthcare professionals involved in the care of these women
- Update your knowledge on screening, diagnosis, prevention and treatment of infections during pregnancy
- Promote a multidisciplinary approach to the management of infections during pregnancy
- Gain the expertise and confidence to effectively manage infections during pregnancy
- Appreciate the roles and interactions of the multidisciplinary team members

Who should attend?

- Trainees in Obstetrics, GP and neonatology
- Obstetricians
- Midwives
- GPs
- Sonographers
- Neonatologists

Course Organisers

Professor Asma Khalil MRCOG, London

Professor Paul Heath, London

Honorary Director of Conferences

Mr Philip Tooze-Hobson FRCOG, Birmingham

Honorary Deputy Director of Conferences

Mr Andrew Sizer FRCOG, Shropshire

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PROGRAMME

8.30am REGISTRATION and REFRESHMENTS

9.00am **Welcome and introduction**

Professor Asma Khalil, Professor in Maternal Fetal Medicine, St George's Hospital, University of London

Session I

Chair: Professor Paul Heath, Professor of Paediatric Infectious Diseases, St George's, University of London

Co-chair: Professor Alan Cameron, Professor of Fetal Medicine, Glasgow

9.15am **Update on Pertussis vaccine in pregnancy**

Dr Gayatri Amirthalingam, Consultant Medical Epidemiologist, Immunisation, Hepatitis and Blood Safety Department, Public Health England

9.45am **Varicella zoster virus infection in pregnancy**

Dr Philip Rice, Consultant Virologist, Norfolk and Norwich University Hospitals NHST Trust

10.15am **Toxoplasma in pregnancy**

Professor Richard Holliman, Professor of microbiology (Emeritus), St George's, University of London

10.45am **Parvovirus infection: fetal medicine perspective**

Professor Alan Cameron, Professor of Fetal Medicine, Glasgow

11.15am REFRESHMENTS

Session II

Chair: Ms Caroline Star, Chair, CMV Action, London and Ms Sharon Wood, Project Manager, CMV Action

Co-chair: Dr Chrissie Jones, University of Southampton

11.30am **CMV infection in pregnancy: challenges in diagnosis and treatment**

Professor Yves Ville, Professor of Obstetrics and Fetal Medicine, Necker Enfants Malades, Paris, France

12.00pm **CMV infection in pregnancy: postnatal management**

Professor Paul D Griffiths, Professor of Virology, Royal Free Hospital, London

12.30pm LUNCH

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Session III

Chair: Dr Chrissie Jones

Co-chair: Professor Asma Khalil

- 1.30pm **Surviving sepsis in pregnancy**
Dr Ron Daniels, Heart of England NHS Foundation Trust, Birmingham
- 2.00pm **Update on Zika virus infection in pregnancy**
Mr Patrick O'Brien, Consultant Obstetrician and Maternal Medicine,
University College London Hospitals, London
- 2.30pm **Vaccination in pregnancy**
Professor Paul Heath, Professor of Paediatric Infectious Diseases, St George's,
University of London
- 3.00pm **Burden of invasive group streptococcus (GBS) disease in pregnant women**
Professor Philip Steer, Emeritus Professor of Obstetrics and Gynaecology,
Imperial College London, Chelsea and Westminster Hospital
- 3.30pm *REFRESHMENTS*

Session IV

Chair: Professor Asma Khalil

Co-chair: Professor Paul Heath

- 3.45pm **HIV infection in pregnancy: update**
Professor Graham Taylor, Professor of Human Retrovirology, Imperial College
Healthcare NHS Trust, London
- 4.15pm **HSV in pregnancy: antenatal and postnatal management**
Dr Hermione Lyall MD, Consultant Paediatrician, Infectious Diseases, Clinical
Director for Children's Services, Imperial College Healthcare NHS Trust, St
Mary's Hospital, London
- 4.45pm **Discussion**
- 5.00pm *CLOSE*