

# Black women have double the risk of pregnancy complications

March 4 2009

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Researchers have found that black women in the UK have twice as much risk of experiencing severe pregnancy complications.

(PhysOrg.com) -- Black Caribbean and black African women in the UK have twice as much risk of experiencing severe pregnancy complications than white women, according to University of Oxford research.

The study, the first of its kind undertaken in the UK, also found that Pakistani women have a significantly higher risk of severe pregnancy-related health problems than white women. The research, published in the BMJ, reflects previous studies carried out in the US, Canada and the Netherlands.

Using the UK Obstetric Surveillance System (UKOSS), Dr Marian Knight from the National Perinatal Epidemiology Unit at the University of Oxford and her team investigated 686 cases of severe pregnancy-

related complications out of a total of 775,186 maternities between February 2005 and February 2006. Complications included hysterectomy after childbirth, fits with high blood pressure or blood clots in the lungs.

The researchers found that non-white women are one and half times more at risk of experiencing severe pregnancy-related complications than white women. This risk doubles for black Caribbean and black African women.

There is an overall estimated risk of severe complications of 89 cases per 100,000 maternities. For white women this risk is around 80 cases per 100,000 maternities, 126 cases for non-white women as a whole, 188 cases for black African woman and 196 for black Caribbean women.

Dr Knight says that the increased risk for non-white women may be because of pre-existing medical factors or because of care during pregnancy, labour and birth. It is unlikely to be due to the socio-economic situation of the woman or whether she smoked or was obese. Dr Knight says the research 'highlights to clinicians and policy-makers the importance of tailored maternity services and improved access to care for ethnic minority women'.

The authors believe that one possible reason for the higher risk of complications is access to care. A number of studies have previously indicated that this was a contributing factor to ethnic differences in health. A recent national survey of women's experience of maternity care in the UK reported that women from black and minority ethnic groups were more likely to recognise their pregnancy later, access care later and as a result book antenatal care later than white women. These women also said they did not feel they were treated with respect and talked to in a way they understood by staff during pregnancy, labour and birth and postnatal care.

Provided by University of Oxford

Citation: Black women have double the risk of pregnancy complications (2009, March 4)  
retrieved 5 May 2024 from  
<https://medicalxpress.com/news/2009-03-black-women-pregnancy-complications.html>

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