The association between ethnicity and late presentation to antenatal care among pregnant women

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Aims
- to quantify the extent of late booking in women in the UK and Ireland diagnosed with HIV
- to explore the association between late booking and maternal ethnicity

Methods
- National Study of HIV in Pregnancy and Childhood, the UK and Ireland’s national surveillance programme
- All pregnancies in women diagnosed with HIV with an EDD in Jan 2008 – Dec 2009
- Late booking: antenatal booking ≥13 weeks of pregnancy
Results

- 1709 pregnancies
- Booking was late in 51% of pregnancies
- Median week of booking in those who booked late = 17 weeks
- Diagnosed before: 48% booked late
- Diagnosed during: 60% booked late

Multivariable analysis of late booking and maternal ethnicity

<table>
<thead>
<tr>
<th></th>
<th>Diagnosed before (n=855)</th>
<th>Diagnosed during (n=390)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>AOR (95% CI)†</td>
<td>p-value</td>
</tr>
<tr>
<td>White</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>African</td>
<td>1.80 (1.14, 2.82)</td>
<td>0.011</td>
</tr>
<tr>
<td>Other black</td>
<td>1.33 (0.64, 2.76)</td>
<td>0.445</td>
</tr>
<tr>
<td>Other</td>
<td>0.69 (0.29, 1.64)</td>
<td>0.405</td>
</tr>
</tbody>
</table>

† Adjusted for age, ART at conception, parity and reporting region; ‡ Adjusted for age, parity and reporting region; AOR, adjusted odds ratio; CI, confidence interval

Conclusions

- Antenatal booking was late in over half of pregnancies in women living with HIV
- Association between late booking and African and other black ethnicity
- Missed opportunities for screening for HIV and other conditions, and less time to engage in care (O3 and O4, BHIVA 2012)
- Further work to understand barriers
- Raise awareness of importance of early booking