

Papers drawing on NSHPC data

Several papers have recently been published drawing on data provided to, or closely linked with, the NSHPC. Findings from two papers on the CHART study (follow up of uninfected children) are outlined in the Newsletter, and our paper on antiretroviral therapy and prematurity is appearing in the May 11 issue of AIDS (available online this week!). Thanks to everyone who contributes to the NSHPC, and enables us to combine and analyse the data at a national level.

Antiretroviral therapy and premature delivery in diagnosed HIV-infected women in the United Kingdom and Ireland

Townsend C, Cortina-Borja M, Peckham CS, Tookey PA. AIDS 2007; 21:1019-26

Summary: We analysed 4445 pregnancies in ART treated women delivering 1990-2005. The prematurity rate (<37 weeks) was higher in women on HAART (14.1%, 476/3384) than in women on mono/dual therapy (10.1%, 107/1061), even after adjusting for ethnicity, maternal age, clinical status and injecting drug use as the maternal source of HIV (AOR=1.51, 95% CI: 1.19-1.93, $p=0.001$). Delivery at <35 weeks was even more strongly associated with HAART (AOR=2.34, 95% CI: 1.64-3.37, $p<0.001$). The effect was the same whether or not HAART included a PI. Although the beneficial effects of ART on mother-to-child transmission are indisputable, monitoring ART in pregnancy remains a priority.

Other recent papers drawing directly on NSHPC data

The long-term follow-up of antiretroviral therapy-exposed uninfected children born to HIV-infected women: parents' and health professionals' views. AIDS Care 2007; 19(4):482-86. Hankin C, Newell M, Tookey P

Monitoring death and cancer in children born to HIV-infected women in England and Wales: use of HIV surveillance and national routine data. AIDS 2007; 21(7):867-69. Hankin C, Lyall H, Peckham C, Tookey P

Uptake of antenatal HIV testing in the United Kingdom: 2000-2003. J Public Health 2006; 28: p. 248-52. Townsend CL, Cliffe S, Tookey PA

Predictive value of absolute CD4 count for disease progression in untreated HIV-1-infected children. AIDS 2006, 20:1289-94. HIV Paediatric Prognostic Markers Collaborative Study

Antiretroviral therapy and congenital abnormalities in infants born to HIV-1 infected women in the United Kingdom and Ireland, 1990-2003. JAIDS 2006; 42(1): 91-94. Townsend CL, Tookey PA, Cortina-Borja M, Peckham CS

Outcomes for HIV-1-infected infants in the UK and Republic of Ireland in the era of effective antiretroviral therapy. Pediatr Infect Dis J. 2006; 25(5):420-6. Doerholt K, Duong T, Tookey P *et al*

Monitoring the effectiveness of HIV and STI prevention initiatives in England, Wales and Northern Ireland: where are we now? Sex Transm Infect 2006; 82:4-10. Brown AE, Tomkins SE, Logan L, *et al*