

**Table 2.17. Cohort studies of HIV and non-melanoma skin cancer**

Reference, location, name of study	Cohort description	Detection method	No. of cases/deaths	Relative risk (95% CI)	Adjustment for potential confounders	Comments
<i>Merkel cell cancer</i>						
Engels et al., (2002), USA.	People registered with AIDS, 1980-1996, 11 regions	Probabilistic linkage with cancer registry data.	6	13.4 (4.9-29.1)	SIR adjusted for age and sex	
<i>NMSC</i>						
Allardice et al., (2003), Scotland	People registered with HIV or AIDS, 1981-1996, national.	Probabilistic linkage with cancer registry data	6	2.8 (1.0-6.2)	SIR adjusted for age and sex	
Dal Maso et al., (2003), Italy.	12,104 people registered with AIDS, 1985-1998, 19 regions.	Probabilistic linkage with cancer registry data.	14	1.5 (0.8-2.5)	SIR adjusted for age and sex	From 5 years prior to AIDS to 3.5 years after
Bedimo et al., (2004), USA	2882 people attending an HIV clinic in Alabama, 1989-2002	Clinical diagnoses	18 (16 BCC, 1 SCC, 1 Merkel)	Not presented. Rate increased from 0.33 to 3.64/1000py after HAART availability	Not adjusted for age, sex or race	RR 11.18, 95% CI 1.49-84.04
Clifford et al., (2005), Switzerland	7304 people with an HIV or AIDS diagnosis, 7 hospitals 1985-2002.	Probabilistic linkage with cancer registry data.	31	3.2 (2.2-4.5)	SIR adjusted for age and sex	3 months after study entry to 1996-2002.26 BCC, 5 SCC.
Newnham et al., (2005), England.	33190 people registered with HIV, 1985-2001, Thames region.	Probabilistic linkage with cancer registry data	70	19.6 (15.3-24.8)	SIR adjusted for age and sex	From HIV diagnosis to end 2001.
Mbulaiteye et al., (2006), Uganda.	12, 607 People registered with TASO, 1988-2002.	Probabilistic linkage with cancer registry data	3	4.9 (1.0-14)	SIR adjusted for age and sex and year	From 4 to 60 months after registration with TASO
Grulich et al., (2007a), 6 countries	444,172 people with HIV or AIDS, 1980-2002	Probabilistic linkage with cancer registry data	121	4.11 (1.08-16.6)	Meta-SIR, adjusted for age and sex	Meta-analysis.