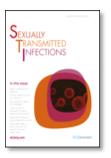
High HIV rates still in young women in Africa: Highest priority for global HIV control



ORIGINAL ARTICLE

Prevalence of HIV, HSV-2 and pregnancy among high school students in rural KwaZulu-Natal, South Africa: a bio-behavioural cross-sectional survey

Quarraisha Abdool Karim,^{1,2} Ayesha B M Kharsany,¹ Kerry Leask,¹ Fanelisibonge Ntombela,¹ Hilton Humphries,¹ Janet A Frohlich,¹ Natasha Samsunder,¹ Anneke Grobler,¹ Rachael Dellar,¹ Salim S Abdool Karim^{1,2}

Age Group (years)	HIV prevalence in boys & girls (Grades 9-10) % (95% Confidence Interval)	
	Male (n=1252)	Female (n= 1423)
≤15	1.0 (0.0 - 2.2)	2.6 (1.2 - 4.0)
16-17	1.1 (0.2 - 2.0)	6.1 (2.6 - 9.6)
18-19	1.5 (0 - 3.7)	13.6 (9.0 - 18.1)
≥20	1.8 (0 - 3.9)	24.7 (6.3 - 43.1)



HIV phylogenetics reveals "Cycle of HIV Transmission"

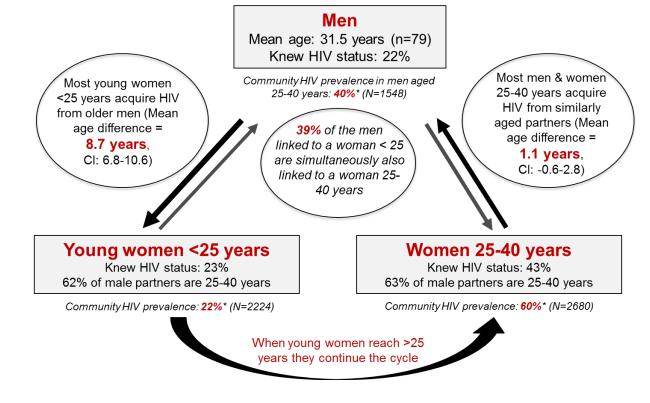
THE LANCET HIV

Transmission networks and risk of HIV infection in KwaZulu-Natal, South Africa: a community-wide phylogenetic study

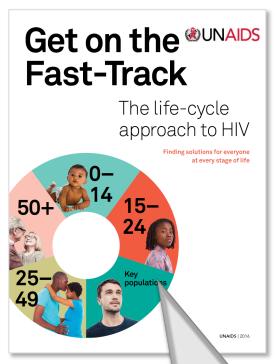


Tulio de Oliveira*, Ayesha B M Kharsany*, Tiago Gräf, Cherie Cawood, David Khanyile, Anneke Grobler, Adrian Puren, Savathree Madurai, Cheryl Baxter, Quarraisha Abdool Karim, Salim S Abdool Karim

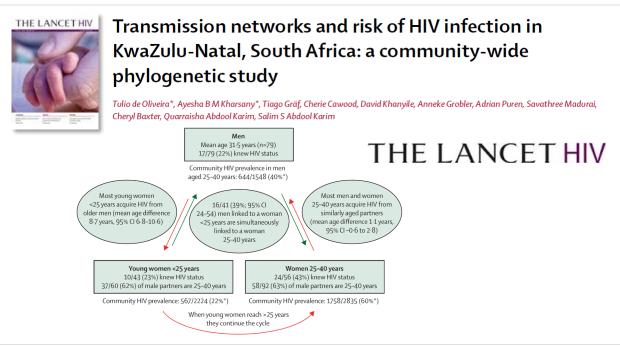
90 phylogenetic clusters from 1,589 viruses from 9,812 people

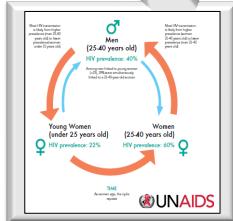


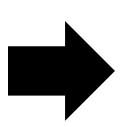
Impacting policy on HIV prevention in Africa



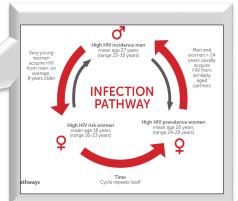








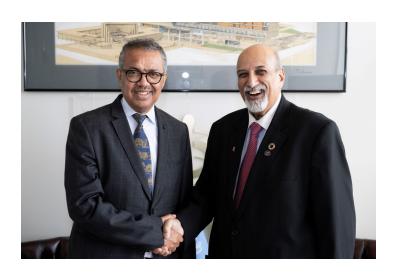






Supporting WHO & UNAIDS with science advice

Special Adviser on pandemics to the Director-General of WHO and WHO Science Council member – Salim Abdool Karim



Co-Chair of the Committee providing Science Advice to the current Executive Director of UNAIDS –

Quarraisha Abdool Karim



UNAIDS Scientific Expert Panel

 Salim Abdool Karim appointed Chair and Quarraisha Abdool Karim appointed as a member



