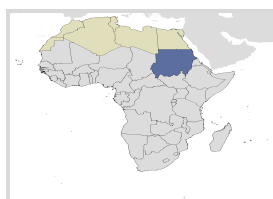


Sudan

Human Papillomavirus and Related Cancers, Fact Sheet 2017 (2017-07-27)



I. Key data on HPV and HPV-related cancers



Sudan has a population of 12.02 millions women ages 15 years and older who are at risk of developing cervical cancer. Current estimates indicate that every year 833 women are diagnosed with cervical cancer and 534 die from the

disease. Cervical cancer ranks as the 2nd most frequent cancer among women in Sudan and the 5th most frequent cancer among women between 15 and 44 years of age. Data is not yet available on the HPV burden in the general population of Sudan. However, in Northern Africa, the region Sudan belongs to, about 2.7% of women in the general population are estimated to harbour cervical HPV-16/18 infection at a given time, and 78.9% of invasive cervical cancers are attributed to HPVs 16 or 18.

Table 1. Crude incidence rates of HPV-related cancers

	Male	Female
Cervical cancer	-	4.5
Anal cancer	-	-
Vulva cancer	-	-
Vaginal cancer	-	-
Penile cancer	-	-
Pharynx (excluding nasopharynx)	0.5	1.1

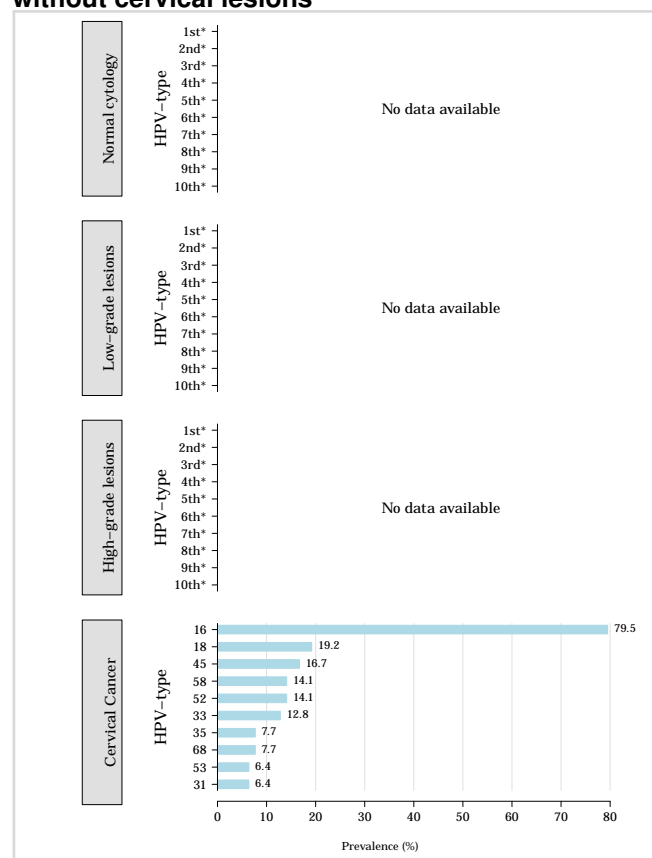
Table 2. Burden of cervical cancer

	Incidence	Mortality
Annual number of new cases/deaths	833	534
Crude rate	4.5	2.9
Age-standardized rate	7.9	5.3
Cumulative risk 0-74 years (%)	0.9	0.6
Ranking of cervical cancer (all years)	2nd	3rd
Ranking of cervical cancer (15-44 years)	5th	8th

Table 3. Burden of cervical HPV infection Sudan

	No. Tested	% (95% CI)
HPV prevalence in women with normal cytology	-	--
HPV 16/18 prevalence:		
Normal cytology	-	--
Low-grade cervical lesions	-	--
High-grade cervical lesions	-	--
Cervical cancer	78	98.7 (93.1-99.8)

Figure 1. Comparison of the ten most frequent HPV oncogenic types in Sudan among women with and without cervical lesions



*No data available. No more types than shown were tested or were positive.

Sudan

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II. Complementary data on cervical cancer prevention

Table 4. Factors contributing to cervical cancer (co-factors)

Smoking prevalence (%), women	-
Total fertility rate (live births per women)	5.2
Hormonal contraception use (%) (pill, injectable or implant), among women	10.7
HIV prevalence (%), adults (15-49 years)	0.3 [0.1 - 0.4]

Table 5. Sexual behaviour

MEN	
Percentage of 15-year-old who have had sexual intercourse	-
Range of median age at first sexual intercourse	-
WOMEN	
Percentage of 15-year-old who have had sexual intercourse	-
Range of median age at first sexual intercourse	-

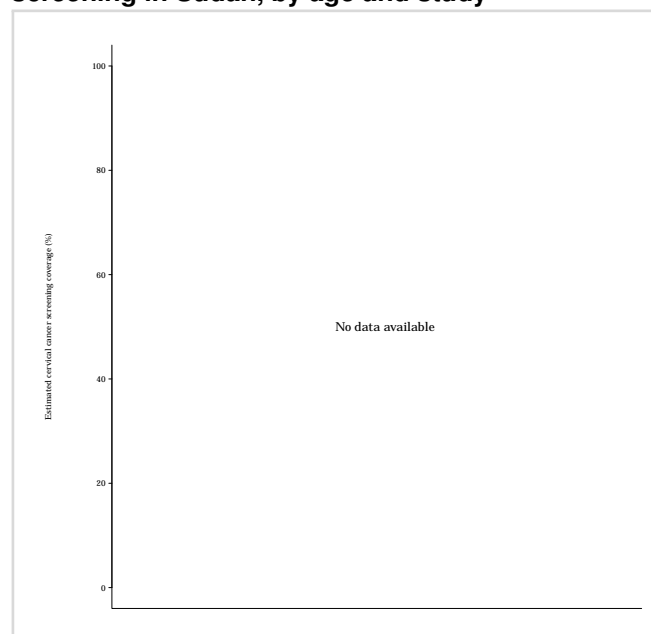
Table 6. HPV vaccine introduction

HPV vaccination programme	No program
Date of HPV vaccination routine immunization programme start	-

Table 7. Cervical screening practices and recommendations

Cervical cancer screening coverage, % (age and screening interval, reference)	% (screened every 3y, Hassan 2009)
Screening ages (years)	-
Screening interval (years) or frequency of screens	-

Figure 2. Estimated coverage of cervical cancer screening in Sudan, by age and study



^a Proportion of women in the total sample of the mentioned age range in the country or region that reported having a Pap smear during a given time period (e.g., last year, last 2, 3, 5 years or ever).

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