

**Supplementary:**

Table S1: Factors associated with prepuce being submitted for histopathological analysis

Factors	Unadjusted		Adjusted	
	OR (95% CI)	Sig.	OR (95% CI)	Sig.
Synechiae	1.59 (0.87-2.91)	0.131	1.02 (0.51-2.02)	0.962
<b>Atypical skin lesions*</b>	<b>4.38 (1.71-11.22)</b>	<b>&lt;0.001</b>	<b>5.16 (1.87-14.26)</b>	<b>0.002</b>
<b>White lesions</b>	<b>3.25 (2.15-4.91)</b>	<b>&lt;0.001</b>	<b>2.97 (1.89-4.66)</b>	<b>&lt; 0.001</b>
Red lesions	<b>1.90 (1.20-3.00)</b>	<b>0.006</b>	1.60 (0.95-2.70)	0.076
<b>Fissures</b>	<b>1.56 (1.05-2.31)</b>	<b>0.026</b>	<b>1.73 (1.10-2.71)</b>	<b>0.018</b>
<b>Severe phimosis**</b>	<b>1.86 (1.26-2.75)</b>	<b>0.002</b>	<b>1.69 (1.08-2.63)</b>	<b>0.021</b>
<b>More recent circumcision***</b>	<b>1.61 (1.09-2.40)</b>	<b>0.018</b>	<b>1.62 (1.04-2.53)</b>	<b>0.032</b>
<b>Age ≥50</b>	<b>3.17 (2.12-4.75)</b>	<b>&lt;0.001</b>	<b>2.83 (1.77-4.52)</b>	<b>&lt;0.001</b>

*Significantly associated factors are in bold. \* Atypical skin lesions, including ulcers. \*\*Severe phimosis, grade 3 and 4, according to Meuli (16). \*\*\* More recent circumcision (2020-2023)*