Table SII. Sensitivity analysis. Diagnoses/procedures/drugs found before the cases received the diagnosis of penile intraepithelial neoplasia, using different time windows for exclusion

	0 years[a]			0.5 years[a]			1 year[a]		
	Cases (n = 580) n (%)	Controls (n = 3,436) n (%)	p-value	Cases (n = 580) n (%)	Controls (n = 3,436) n (%)	p-value	Cases (n = 580) n (%)	Controls (n = 3,436) n (%)	p-value
Diseases of the prepuce (N47 according to ICD-10)	59 (10.2)	29 (0.8)	< 0.001	21 (3.6)	27 (0.8)	< 0.001	18 (3.1)	27 (0.8)	< 0.001
Immunosuppressive drugs	17 (2.9)	25 (0.7)	< 0.001	17 (2.9)	23 (0.7)	< 0.001	16 (2.8)	20 (0.6)	< 0.001
Balanitis	101 (17.4)	21 (0.6)	< 0.001	35 (6.0)	20 (0.6)	< 0.001	27 (4.7)	18 (0.5)	< 0.001
Genital warts	43 (7.4)	12 (0.3)	< 0.001	20 (3.4)	10 (0.3)	< 0.001	15 (2.6)	9 (0.3)	< 0.001
Organ transplantation	7 (1.2)	7 (0.2)	< 0.001	7 (1.2)	6 (0.2)	< 0.001	7 (1.2)	6 (0.2)	< 0.001
Lichen sclerosus and lichen planus	39 (6.7)	10 (0.3)	< 0.001	23 (4.0)	9 (0.3)	< 0.001	20 (3.4)	8 (0.2)	< 0.001
Lichen sclerosus	28 (4.8)	8 (0.2)	< 0.001	17 (2.9)	7 (0.2)	< 0.001	14 (2.4)	6 (0.2)	< 0.001
Lichen planus	13 (2.2)	3 (0.1)	< 0.001	7 (1.2)	3 (0.1)	< 0.001	6 (1.0)	3 (0.1)	< 0.001
Penile surgical procedure	63 (10.9)	2 (0.1)	< 0.001	6 (1.0)	1 (0.0)	< 0.001	5 (0.9)	1 (0.0)	< 0.01
Obesity	9 (1.6)	29 (0.8)	0.10	9 (1.6)	25 (0.7)	0.05	9 (1.6)	23 (0.7)	0.03
Smoking and tobacco use	3 (0.5)	11 (0.3)	0.44	3 (0.5)	11 (0.3)	0.44	3 (0.5)	11 (0.3)	0.44
Chronic obstructive pulmonary disease	13 (2.2)	60 (1.7)	0.41	10 (1.7)	54 (1.6)	0.80	8 (1.4)	52 (1.5)	0.79

[a]Time excluded before penile cancer diagnosis.
p-values were calculated using conditional logistic regression.
ICD-10: International Classification of Diseases – 10th edition.