

**Table SI. International Classification of Diseases (ICD) and Anatomic Therapeutic Chemical (ATC) codes**

	Code system	Codes
Diseases of the prepuce, <i>n</i> = 45	ICD10	N479, N479B, N479C, N479D, N479X
	ICD9	605X
	ICD8	605,09, 607,90, 605,08, 605,00
	ATC	L04AD01, L04AX03, L04AX01, L04AA06, L04AB04, L04AB01, L04AD02, L04AC05, L04AA18
Immunosuppressive drugs, <i>n</i> = 36	ICD10	KGD00, KGD10, KGD96, KGW96, KGV20, KGD10, KGD20
	ICD9	6900, 6901, 6910, 6911, 6912
	ICD8	
	ATC	
Penile surgical procedure, <i>n</i> = 24	ICD10	N480, N481, N481B, N481C, N481D, N481E, N481W, N482, N485, N488, N489
	ICD9	607A, 607W, 607B, 607C, 607X, 608W
	ICD8	607,00, 702,01, 607,10, 607,30, 607,50, 607,20, 607,90
	ICD10	B977, A630, A630A, A630B, A630X
Balanitis, <i>n</i> = 45	ICD9	079W, 079E, 078B, 091D
	ICD8	079,90, 099,92, 079,10
	ICD10	Z940, Z941, Z942, Z944, Z946, Z948, Z949
	ICD9	V42A, V42B, V42G, V42H, V42E, V42W, V42X
Genital warts, <i>n</i> = 24	ICD8	Y29,08
	ICD10	L900, N480A, L430, L431, L433, L433A, L433B, L433X, L438, L439
	ICD9	701A, 697A
	ICD8	701,01, 697,00, 697,99
Organ transplantation, <i>n</i> = 13	ICD10	L900, N480A
	ICD9	701A
	ICD8	701,01
	ICD10	L430, L431, L433, L433A, L433B, L433X, L438, L439
Lichen sclerosus and lichen planus, <i>n</i> = 28	ICD9	697A
	ICD8	697,00, 697,99
	ICD10	E660, E661, E662, E668, E669
	ICD9	278A, 278W, 259X, 278A
Lichen sclerosus, <i>n</i> = 20	ICD8	277,99, 278,98, 277,99
	ICD10	Z720, Z720A
	ICD9	V65W
	ICD8	
Lichen planus, <i>n</i> = 9	ICD10	J440, J441, J448, J449
	ICD9	496X, 491C, 491W
	ICD8	490,99, 491,01, 491,02, 491,04, 491,09
	ICD10	L291, L293
Obesity, <i>n</i> = 32	ICD9	698B, 698A
	ICD8	698,10, 698,00
	ICD10	C211, C210, C218
	ICD9	154C, 154D, 154W
Smoking and tobacco use, <i>n</i> = 14	ICD8	154,21, 153,87
	ICD10	C090, C091, C098, C024, C019, C020
	ICD9	146B, 146C, 146W, 141G, 141A, 141B
	ICD8	146,01, 146,81, 146,87, 141,01, 141,11
Chronic obstructive pulmonary disease, <i>n</i> = 60	ICD10	B20, B21, B22, B23
	ICD9	279F
	ICD8	
	ICD10	Y434
Pruritus, <i>n</i> = 0	ICD9	E9331
	ICD8	
	ICD10	Z412
	ICD9	V50C
Malignant neoplasms of anus and anal canal, <i>n</i> = 3	ICD8	Y51,99
	ICD10	DQ004, DQ010, DQ011
	ICD9	
	ICD8	
Malignant neoplasms of tonsil and base of tongue, <i>n</i> = 2	ICD10	
	ICD9	
	ICD8	
	ICD10	
Human deficiency virus (HIV), <i>n</i> = 2	ICD9	
	ICD8	
	ICD10	
	ICD9	
Immunosuppressive agents, <i>n</i> = 0	ICD8	
	ICD10	
	ICD9	
	ICD8	
Routine and ritual circumcision, <i>n</i> = 0	ICD10	
	ICD9	
	ICD8	
	ICD10	
Photodynamic therapy (PDT), psoralen plus ultraviolet A treatment (PUVA) tablet and bath, <i>n</i> = 1	ICD9	
	ICD8	
	ICD10	
	ICD9	

ICD: International Classification of Diseases.