

Supplementary table 1: Number of admissions and emergency presentations for epididymitis by year in three Australian states (Victoria, NSW and Queensland), 2009-2014

	2009	2010	2011	2012	2013	2014	Overall
	n (%)	n (%)	n (%)	n (%)	n (%)	n (%)	N (%)
<b>Total admissions</b>	<b>1,014</b>	<b>1,143</b>	<b>1,247</b>	<b>1,259</b>	<b>1,251</b>	<b>1,461</b>	<b>7375</b>
N45.0 Orchitis, epididymitis, epididymo-orchitis with abscess	33 (3.3)	39 (3.4)	36 (2.9)	41 (3.3)	35 (2.8)	56 (3.8)	240 (3.3)
N45.9 Orchitis, epididymitis, epididymo-orchitis without abscess	962 (94.9)	1,068 (93.4)	1,175 (94.2)	1,181 (93.8)	1,184 (94.6)	1,364 (93.4)	6,934 (94.0)
N51.1 Disorders of testis & epididymis in diseases classified elsewhere							
• Chlamydial - epididymitis or orchitis (A56.1+)	18 (1.8)	34 (3.0)	32 (2.6)	36 (2.9)	30(2.4)	37 (2.5)	187 (2.5)
• Gonococcal - epididymitis or orchitis (A54.2+)	1 (0.1)	2 (0.2)	4 (0.3)	1 (0.1)	2 (0.2)	4 (0.3)	14 (0.2)
<b>Total ED presentations</b>	<b>2323</b>	<b>2393</b>	<b>2719</b>	<b>3065</b>	<b>3314</b>	<b>3467</b>	<b>17281</b>
N45.0 Orchitis, epididymitis, epididymo-orchitis with abscess *	2	3	2	7	4	7	25 (0.1)
N45.9 Orchitis, epididymitis, epididymo-orchitis without abscess †	2,316 (99.7)	2,379 (99.4)	2,708 (99.6)	3,048 (99.5)	3,309 (99.9)	3,460 (99.8)	17220 (99.7)
N51.1 Disorders of testis, epididymis in diseases classified elsewhere							
• Chlamydial - epididymitis or orchitis (A56.1+) ‡	5	9	9	9	1	0	33 (0.2)
• Gonococcal - epididymitis or orchitis (A54.2+) §	0	2	0	1	0	0	3 (0.1)
<b>Outcome of ED presentations</b>							
Admitted from ED <sup>  </sup>	474 (20.4)	530 (22.1)	579 (21.3)	694 (22.6)	772 (23.3,)	985 (28.4)	4034 (23.3)
Not admitted from ED <sup>  </sup>	1849 (79.6)	1863 (77.9)	2140 (78.7)	2371 (77.4)	2542 (76.7)	2482 (71.6)	13247 (76.7)

\* Concordant ICD9 and SNOMED codes for ICD10 N45.0 (orchitis, epididymitis, epididymo-orchitis with abscess) were 604.0, 27141002, 72550000, 39729001

† Concordant ICD9 and SNOMED codes for ICD10 N45.9 (orchitis, epididymitis, epididymo-orchitis without abscess or unspecified) were 604.9, 43491000, 31070006, 197983000, 312222003, 57731009, 312220006, 312224002, 236765008.

‡ Concordant ICD9 and SNOMED codes for ICD10 A56.1 (chlamydial epididymitis or orchitis) were 236767000, 236773004, 24712006.

§ Concordant ICD9 and SNOMED codes for ICD10 A54,2 (gonococcal epididymitis or orchitis) were 236772009, 30168008.

<sup>||</sup> Admitted from emergency = number and proportion of ED presentations that were admitted to hospital

¶ Number and proportion of ED presentations that were managed in ED without admission.