



Appendix

**This appendix was part of the submitted manuscript and has been peer reviewed.
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Appendix to: Heal C, Sriharan S, Buttner PG, Kimber D. Comparing non-sterile with sterile gloves for minor surgery: a prospective randomised controlled non-inferiority trial. *Med J Aust* 2015; 202: 27-31. doi: 10.5694/mja14.00314.

Appendix 1 Studies investigating the use of sterile versus non-sterile gloves

Author, year, country	Setting, procedure type	Study design, Sample size	Non-sterile infection rate	Sterile gloves infection rate	P value
Perelman 2004(1); Canada	Emergency department, repair of simple lacerations	Prospective randomized controlled trial, 816 patients	17/384 (4.4%) (95%-CI 2.4-6.4)	23/396 (6.1%) (95%-CI 3.5-8.1%)	p=0.295
Chiu 2006(2); Hong Kong	Outpatient clinic, Wisdom tooth extraction	Prospective, randomized controlled trial, 275 patients	15/134 (10.9%)	12/136 (8.4%).	p=0.31
Rhinehart 2006(3); Germany	Outpatient clinic, Mohs micrographic surgery	Retrospective cohort, 1810 patients, 2084 procedures	14/766(1.8%)	11/634 (1.7%)	p>0.5
Rogues A.M. 2007(4); France	Hospital inpatients and outpatients Private dermatology procedures	Retrospective audit, 3491 procedures	1.7% for simple excisions 14.7% for reconstructive procedures Actual numbers not given	1.6% for simple excisions. 3.4% for reconstructive procedures	p<0.001 for reconstructive procedures
Xia 2011(5); USA	Outpatient clinic, Mohs micrographic surgery	Pilot Prospective randomised controlled trial, 60 patients	1/30 (3.3%)	2/30(6.6%)	p=0.99

References

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3. Rogues AM, Lasheras A, Amici JM, et al. Infection control practices and infectious complications in dermatological surgery. *J Hosp Infect* 2007; **65**(3)258-63
4. Rhinehart MB, Murphy MM, Farley MF, et al. Sterile versus nonsterile gloves during Mohs micrographic surgery: infection rate is not affected. *Dermatol Surg* 2006; **32**(2) 170-6
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