



University of HUDDERSFIELD

University of Huddersfield Repository

Assadian, Ojan, Leaper, David J., Kramer, A. and Ousey, Karen

Can the design of glove dispensing boxes influence glove contamination?

Original Citation

Assadian, Ojan, Leaper, David J., Kramer, A. and Ousey, Karen (2016) Can the design of glove dispensing boxes influence glove contamination? *Journal of Hospital Infection*, 94 (3). pp. 259-262. ISSN 0195-6701

This version is available at <http://eprints.hud.ac.uk/id/eprint/29461/>

The University Repository is a digital collection of the research output of the University, available on Open Access. Copyright and Moral Rights for the items on this site are retained by the individual author and/or other copyright owners. Users may access full items free of charge; copies of full text items generally can be reproduced, displayed or performed and given to third parties in any format or medium for personal research or study, educational or not-for-profit purposes without prior permission or charge, provided:

- The authors, title and full bibliographic details is credited in any copy;
- A hyperlink and/or URL is included for the original metadata page; and
- The content is not changed in any way.

For more information, including our policy and submission procedure, please contact the Repository Team at: E.mailbox@hud.ac.uk.

<http://eprints.hud.ac.uk/>

Table II. Average CFU counts present around boxes' aperture at three measure points over time

Week	HD		TD		P	% Δ *
	CFU	Range	CFU	Range		
0	14.3	10 - 55	24.7	13 - 52	0.031	42.1
3	21.5	10 - 77	61.8	12 - 169	0.004	65.2
6	39.1	1 - 99	61.2	12 - 228	0.109	36.1
Overall	26.9	1 - 99	50.5	12 - 228	< 0.001	46.7

* percentage difference (Δ) in CFU counts on gloves obtained from HD compared to TD at each site. HD = hygiene-dispenser; TD = tissue-box dispenser.