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### Literature search results

<table>
<thead>
<tr>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Search request date</td>
<td>24 January 2011</td>
</tr>
<tr>
<td>Search completion date</td>
<td>26 January 2011</td>
</tr>
<tr>
<td>Search completed by</td>
<td>Marilyn Shaw</td>
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</tbody>
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### Search details

How to clean placebo nebulisers and placebo inhalers

### Resources searched

Trust Infection Control documents, NHS Evidence, British Thoracic Society, Medicines and Healthcare products Regulation Agency

**Database search terms**:  

**Google search string**:  

### Summary

### Guidelines

The use of placebo inhaler devices, peak flow meters and inspiratory flow meters in clinical practice.

2.) Medicines and Healthcare products Regulation Agency, DB 2006(04) Single-use Medical Devices: Implications and Consequences of Reuse  

3.) Trust infection control manual  
2.03 Cleaning. Disinfection and Sterilization Guidelines for Re-usable Medical Devices Sterilization, disinfection and cleaning guidelines
## Evidence-based reviews

### Published research

1. Reducing the risk: the use of placebo respiratory equipment in clinical practice.

   J Infection Prevention, Jan 2009, vol./is. 10/1(14-20), 1757-1774 (2009 Jan)

   Author(s): Richardson, M, Wyllie, S, Dennis, A

   Abstract: Infection control issues relating to the use of inhalers, large volume spacers and peak flow meters to teach patients drug delivery techniques and to monitor progress. The possibility of cross-infection from demonstration devices is discussed and the risk assessment process is applied to their use. 28 refs.

2. Risk assessment and reuse of placebo respiratory equipment.

   Author(s): Richardson, M, Wyllie, S, Dennis, A

   Citation: Nursing Times, April 2009, vol./is. 105/13(22-4), 0954-7762 (2009 7 Apr)

3. Cross-infection and the use and decontamination of placebo inhalers


4. Harkins, K J

   Bacterial contamination of inhalers, Journal of Hospital Infection, 1999, Vol 43, No 4, p321


   Author(s): Korber A, Schmid EN, Buer J, Klode J, Schadendorf D, Dissemond J

6. How do patients use their nebuliser in the community?.

   Respiratory Medicine, Nov 2005, vol./is. 99/11(1413-7), 0954-6111;0954-6111 (2005 Nov)

   Author(s): Boyter AC, Carter R

7. Effects of repetitive use and cleaning techniques of disposable jet nebulizers on aerosol generation.

   Citation:
   CHEST, 01 August 1998, vol./is. 114/2(577-586), 00123692

   Author(s):

8. Cleaning home nebulizers used by patients with cystic fibrosis: is rinsing with tap water enough?.

   Journal of Hospital Infection, Nov 2001, vol./is. 49/3(229-30), 0195-6701;0195-6701 (2001 Nov)

   Author(s): Rosenfeld M, Joy P, Nguyen CD, Krzewinski J, Burns JL


   Practice Nursing, 01 April 2002, vol./is. 13/4(173-173), 09649271

   Author(s): Jennings J

10. Jones, P D

    Microbial contamination of domiciliary nebuliser equipment

12.) Botman, M J. Contamination of small-volume medication nebulisers. Jnl Hosp Infection, 1897, Vol 10, p204-208