Support your patient’s next breath

AirLife® filtered nebulizer system

Optimal medication delivery, minimal environmental effect

Our AirLife® filtered nebulizer system was designed and tested for the clinical investigation of aerosolized pentamidine; however, it is suitable to deliver most any kind of aerosolized respiratory medication. Its design and configuration help minimize the environmental impact of any aerosolized medication compared to a standard small volume nebulizer.
AirLife filtered nebulizer system* performance reference list


“After reconstitution with Sterile Water for Injection, USP, NebuPent is administered by inhalation via the Respirgard II nebulizer.”


“The findings from this initial study, although limited in that current aerosol characterization methodology was not used, are promising to support further study of the mean dose of pentamidine delivered to the lower airways in 20 minutes of treatment.”


“This study compares nebuliser efficiency in terms of drug output and droplet sizes of aerosolized pentamidine in four brands of jet nebuliser (Acorn-22, Inspiron, Cirrus, Respirgard II) and one brand of ultrasonic nebuliser (Fisoneb).”


“We studied the performance of a new nebuliser (Pentasave) by comparison both in vitro and in vivo with a standard nebuliser (Respirgard II).”

Note
* Formally known as RespirGard II nebulizer system.

<table>
<thead>
<tr>
<th>Cat. no:</th>
<th>Product description</th>
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<tbody>
<tr>
<td>124030EU</td>
<td>AirLife filtered nebulizer system, 20 per case</td>
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<table>
<thead>
<tr>
<th>Performance specifications</th>
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<tr>
<td>MMAD</td>
<td>3.5 +/- 0.2 μ</td>
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<tr>
<td>% respirable mass (1-5 μ):</td>
<td>54 +/- 0.4%</td>
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<tr>
<td>Respirable mass output rate (1-5 μ):</td>
<td>83 +/- 8 μg/min</td>
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<tr>
<td>Treatment time:</td>
<td>7.3 +/- 0.4 mins @ sputter + 1 min</td>
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<tr>
<td>Residual volume:</td>
<td>1.0 +/- 0.1 g</td>
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</tbody>
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1. Mouthpiece
2. Wye
3. One-way valves (inspiratory)
4. One-way valve (expiratory)
5. Filter
6. Tee adapter
7. Small volume nebulizer
8. Reservoir tubing, 60 mL
9. O₂ or compressed air supply tubing