Equipment requirements for community based paediatric oxygen treatment

Cheryl Angell

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Reason for choice</th>
<th>Decision maker on equipment</th>
<th>Who provides equipment</th>
<th>Who covers cost of equipment</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Domiciliary systems:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(A) Oxygen concentrator with low flow meter</td>
<td>Best option when a continuous supply of oxygen is required. Less stressful for parents and more economical. To contact concentrator contractors dial 100 and ask for Freephone Oxygen</td>
<td>Hospital consultant</td>
<td>Concentrator provided by contractors—for example, DeVilbiss and Omnicare</td>
<td>FHSAs</td>
<td>A concentrator is preferable for the provision of long term oxygen treatment for paediatrics. Family also benefit from the companies maintenance support. At present, the hospital meets the expense of the low flow meter. It would be preferable if it was included in the concentrator package and funded by the FHSAs.</td>
</tr>
<tr>
<td>(B) Oxygen cylinders with bullnose regulator and low flow meter</td>
<td>When oxygen is used infrequently—for example, symptomatic relief</td>
<td>Hospital consultant</td>
<td>Cylinders: general practitioner on prescription (size F). Regulator and low flow meter are provided by the hospital</td>
<td>Cylinders by FSHA</td>
<td>Less likely treatment choice. Majority of patients go home on low flows on continuous supply</td>
</tr>
</tbody>
</table>

(2) Portable systems:
- Portables are essential to avoid mother and child becoming housebound
- Hospital consultant
- All portable systems are provided by the hospital. Nothing is available on prescription
- Hospital covers all the portable system costs

(A) Hospital 'C' or 'D' cylinder: pin index regulator, low flow meter

(B) Sabre AAV low flow oxygen treatment equipment. Tel No 0252 334581

Fibres, Family Health Services Authority.

Department of Occupational Therapy, Royal Brompton and National Heart Hospital, Sydney Street, London SW3 6NP

Inquiries to: Ms Cheryl Angell or Dr Martin Samuels, Dr David Southall, Sister K Jones or Sister J Noyes in the Department of Paediatrics at the Royal Brompton and National Heart Hospital.