<table>
<thead>
<tr>
<th>Hospital number</th>
<th>Age: &gt;38 weeks corrected gestational and &lt;16 years? (Y/N)</th>
<th>Within six hours of first meeting all following criteria (Y/N);</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>- Acceptance to PICU as unplanned admission</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Receiving mechanical ventilation with supplemental oxygen for abnormal gas exchange</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Face-to-face contact with PICU staff or transport team</td>
<td></td>
</tr>
</tbody>
</table>

Eligibility confirmed by
Name of staff

If randomised
Trial Number

If not randomised
Provide reason

If all YES, complete Randomisation Form.

Exclusion criteria
- Death perceived as imminent
- Brain pathology / injury as primary reason for admission
- Known pulmonary hypertension
- Known or suspected sickle disease
- Known or suspected uncorrected congenital cardiac disease
- Receiving long-term invasive mechanical ventilation prior to this admission
- End-of-life care plan in place with limitation of resuscitation
- Recruited to Oxy-PICU in a previous admission

Unsure if a patient is eligible? Contact:
- Your Principal Investigator or research team
- ICNARC CTU:
  - 020 7269 9277 (in office hours) or
  - 020 7269 9295 (emergency; out of office hours)
- For non-urgent queries, email: oxypicu@icnarc.org