

Newsletter

Issue 1, August 2013

10 patients randomised!

Welcome to the first SCARF Newsletter!

SCARF went live on 24 January 2013 and ten patients have been recruited as of 3 August 2013.

Eligibility criteria

Age < 18 years

+ Severely impaired immunity

Acute respiratory failure:

- Hypoxaemia
- Tachypnoea

Within the

last 48

hours

Radiological evidence of acute pulmonary infiltrates

or

Acute on chronic respiratory failure:

- Hypoxaemia
- Tachypnoea
- Radiological evidence of acute pulmonary infiltrates
- Requirement for increase in supplemental O₂ ≥ 30% of baseline

Eligible Consent/Randomise (as soon as possible) Up to 24 hours Admission to PICU and Usual care on ward delivery of CPAP (supplemental O₂)

What is SCARF?

Recent studies of adults with impaired immunity and acute respiratory failure have suggested that using continuous positive airway pressure (CPAP), to maintain gas exchange, before it is required, reduces the risk of death by around 60%. Patients in the studies who received CPAP early were less likely to need a general anaesthetic and mechanical ventilation.

The aim of SCARF is to compare early admission to the paediatric intensive care unit (PICU) for CPAP with standard care in acute respiratory failure in infants and children with impaired immunity.





Thank you!

We would like to thank all staff who are actively screening and calling the 24/7 support line about eligible patients.

The trial couldn't succeed without your ongoing support



General enquiries

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24/7 support line Tel: 07917 895 726



