

Patient eligible for the Stroke Oxygen Supplementation Study?

- ✓ Acute stroke
- ✓ < 24 hours after hospital admission
- ✓ < 48 hours after onset of symptoms
- ✓ No definite indications for or contraindications to oxygen treatment
- ✓ No other serious medical condition limiting life expectancy to < 12 months

Explain study and obtain informed consent.

Complete baseline data collection and randomize using online system.

Allocate, based on randomization, to one of three groups:

No routine oxygen

Oxygen is not given routinely but may be prescribed if definite clinical indications develop.

Advise ward staff to monitor BP, HR, T, oxygen saturation at least every six hours.

Oxygen for 3 nights per nasal cannulae

3 L/min if baseline oxygen saturation is $\leq 93\%$
2 L/min if baseline oxygen saturation is $> 93\%$

Advise ward staff to monitor BP, HR, T, oxygen saturation at least every six hours.

Oxygen for 72 hours per nasal cannulae

3 L/min if baseline oxygen saturation is $\leq 93\%$
2 L/min if baseline oxygen saturation is $> 93\%$

Advise ward staff to monitor BP, HR, T, oxygen saturation at least every six hours.

One week post recruitment follow-up.

3, 6 and 12 months post recruitment follow up questionnaire sent out by coordinating center.