

21 February 2020
2020-01

Patient Safety ALERT: Changing of Oxygen Saturation Range - adults

Oxygen saturation readings are a key component of the National Early Warning Score (NEWS2).

There is a risk of patients being on the incorrect oxygen target range.

The implication of inaccurate targeting of oxygen ranges (as part of NEWS2) can be false reassurance about a patient's condition and failure to identify a deteriorating patient, or may result in an inappropriate intervention when a patient believed to be deteriorating is in fact stable or improving.

For adult patients please ensure:

- The prescription chart is completed for each patient detailing which oxygen range applies
- That only one of the two ranges is used. 94-98% or 88-92%. No other range is to be accepted.
- Rationale for placing the patient onto the lower targeted saturation range is detailed in the patient notes with a medical signature
- Nurses to sign the prescription chart daily for the oxygen that they deliver

Patient Label		Only for use with a prescription for Oxygen to maintain SpO2 88-92%			
		Ward	Score modifier for specific obs range only Cons / SpR use Only	EWS scores 1 2 3	TEP Completed? Y/N
Year	Date				
20	Time				
Respiratory Rate	≥25				≥25
	21-24				21-24
	18-20				18-20
	15-17				15-17
	12-14				12-14
	9-11				9-11
SpO ₂ %	≤8				≤8
	≥97 on O ₂				≥97 on O ₂
	95-96 on O ₂				95-96 on O ₂
	93-94 on O ₂				93-94 on O ₂
	≥93 on air				≥93 on air
	88-92				88-92
	86-87				86-87
	84-85				84-85
≤83%				≤83%	

Patient Label		Northern Devon Healthcare NHS Trust			
		Ward	Score modifier for specific obs range only Cons / SpR use only	EWS scores 1 2 3	TEP Completed? Y/N
Year	Date				
20	Time				
Respiratory Rate	≥25				≥25
	21-24				21-24
	18-20				18-20
	15-17				15-17
	12-14				12-14
	9-11				9-11
SpO ₂ %	≤8				≤8
	≥96				≥96
	94-95				94-95
	92-93				92-93
	≤91				≤91

If targeted saturations cannot be achieved patient to be escalated to a more senior clinician

FOR URGENT ACTION BY CLINICIANS

- Ensure that ALL STAFF are informed of the patient safety alert
- Further information can be provided by the outreach team on bleep 007, Dr Alison Moody or Dr A Davis