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The Children's Hospital

NHS
The Leeds Teaching Hospitals
NHS Trust

ePAWS - Exceptions and scoring strategy with patients receiving O2 therapy

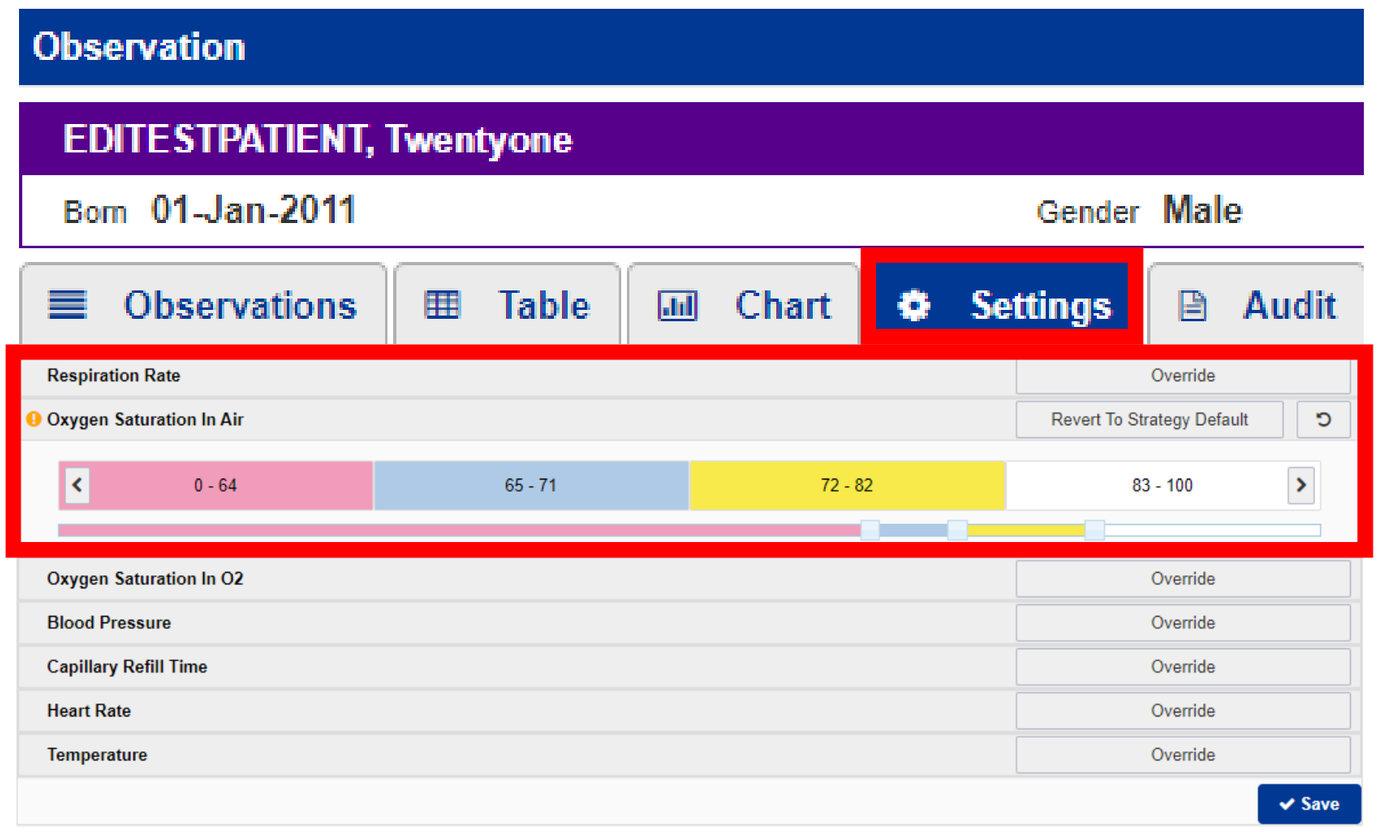
Oxygen is a medicine and must be prescribed when administered to patients.

1. Oxygen is a life saving drug for patients with low levels of oxygen (hypoxia).
2. Some patients may be harmed by too much oxygen, as this can cause an increase in carbon dioxide levels.

Paediatric Advanced Warning Scores (PAWS) gives scores for SpO_2 in air and on O_2. Exceptions to these scores can be set, if deemed clinically appropriate, so that children with abnormal baseline values can still trigger alerts, if their condition changes.

Oxygen Saturation Score		
Score	SpO_2 in air	SpO_2 in O_2
0	95 - 100%	
1	90 - 94%	95 - 100%
3	86 -89%	90 - 94%
10	<85%	< 90%

Saturation Exceptions		
	SpO_2 in air	SpO_2 in O_2
1		
3		
10		



On a paper PAWS chart the exceptions are documented in this section.

Within PPM+ exceptions are recorded here. (By clicking settings in the observations).

Please note: When setting an exception to SpO_2 on PPM+, it is not possible to a generate PAWS score >1 when SpO_2 is above the target value. This might result in a lower than anticipated PAWS score in certain circumstances.

For example, if the patient has target SpO_2 of 80%-85% but their actual SpO_2 was 95%, this might be harmful and warrant an elevated PAWS score, but the system would record a maximum score of 1 for this SpO_2 value.

Users should be aware of this anomaly with the PPM+ functionality and remember that any PAWS score does not replace clinical judgement in the clinical assessment of the deteriorating child.

For further information please contact: leedsth-tr.ImplementationTeam@nhs.net or call 0113 20 (60599)