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Oxygen titration and compliance with targeting oxygen saturation in preterm infants

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Oxygen titration and compliance with targeting oxygen saturation in preterm infants

1. The harm in apnoea of prematurity is not only caused by the concomitant hypoxaemia and bradycardia, but can also be caused by iatrogenic hyperoxaemia after oxygen titration. (*this thesis*)
2. Training caregivers in hazards of hypoxaemia and hyperoxaemia in preterm infants during oxygen therapy, combined with an oxygen titration guideline, reduces the prevalence of hyperoxaemia. (*this thesis*)
3. Changing the oxygen saturation target range from 85-95% to 90-95% decreases low oxygen saturations without a decrease in hypoxaemia in preterm infants, but a trend towards hyperoxaemia. (*this thesis*)
4. When automated oxygen titration is implemented in the NICU, preterm infants spent more time with oxygen saturations within the target range and therefore has the potential to improve outcome. (*this thesis*)
5. The success of CPAP depends largely on nursing skills. (*Colin Morley*) J Pediatr (Rio J). 2011
6. Adjustment of respiratory support to the infant's needs is limited by staff availability and workload. (*Nelson Claire*) J. Perinat. Med. 2013
7. If alarms serve as meaningful information sources, they may have value for operators, even if they do not directly elicit responses (*Yuval Bitan*) Cogn Tech Work. 2004
8. In preterm infants born before 28 weeks of gestation, who receive oxygen, saturations below 90% should be avoided. (*Ben Stenson*) N Engl J Med. 2013
9. If we have data, let's look at data. If all we have are opinions, let's go with mine. (*Jim Barksdale 1953-*)
10. Minds are like parachutes, they only function when open (*Sir Thomas Dewar 1864 - 1930*)
11. Oxygen is like love, you get too much you get too high, not enough and you're gonna die. (*modified; the Sweet, 1978*)
12. When involving nurses in research, bringing cake is vital.