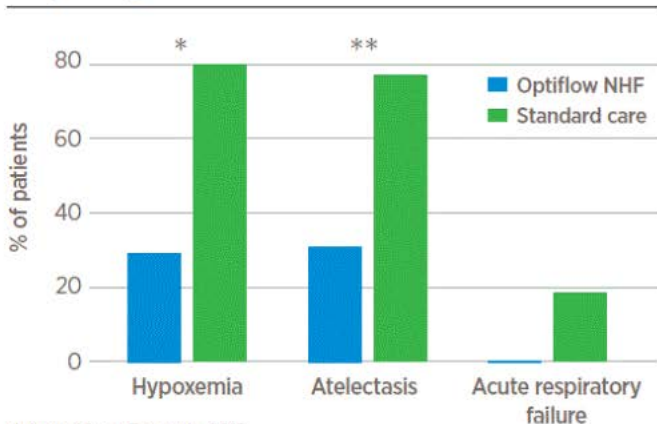




RESULTS

- Significant reduction in incidence hypoxemia with Optiflow NHF (29%) compared to standard care (80%) at 3 hours post-extubation
- Mean PaCO₂ was significantly lower in the Optiflow NHF group (37.9 mmHg) compared to the standard care group (42.3 mmHg)
- Decreased incidence of atelectasis with Optiflow NHF (31%) compared to standard care (77%) at 24 hours post-operatively
- From day 1 to day 7, or at hospital discharge, 19% patients in standard care group developed respiratory failure compared to none in the Optiflow NHF group

Respiratory outcomes



Adapted from Ferrando, 2019.

* Post-operative hypoxemia defined as PaO₂/FIO₂ < 300 mmHg, 3 hours after extubation, P = 0.009; Atelectasis determined by chest x-ray at 24 hours post-operatively,

** P = 0.013; Acute respiratory failure during first week after surgery