

# Comparison of Two SpO<sub>2</sub> Targets With Two Different Oximeters - Impact on FiO<sub>2</sub> During Nasal High Flow Oxygen Therapy

NCT07168213

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Status	RECRUITING
Phase	Not Applicable
Sponsor	Laval University
Enrollment	30 participants

## Key Eligibility Criteria

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### Inclusion (4)

- e 18years of age
- Admiitted in intensive care unit
- Presence of an arterial catheter
- Ongoing on high flow nasal oxygen therapy with SpO<sub>2</sub> between 88 and 100% with a FiO<sub>2</sub> between 40 and 80% with the usual oximeter .

### Exclusion (5)

- No SpO<sub>2</sub> signal with oximeter in use
- False nails or nail polish
- Methemoglobinemia  $\gt 0.015$  on last available arterial gas
- Patient in isolation (multi-resistant bacteria, C-Difficile, SARS-CoV-2 ...)
- Expected to use another respiratory support within two hour of inclusion (NIV or mechanical ventilation)

## Locations (1 total)

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Institut universitaire de cardiologie et de pneumologie de Québec - Université Laval, Québec, Quebec, Canada