The role for high flow nasal cannula (HFNC) as a respiratory support strategy in adults: a clinical practice guidance.

**Objective:**
To guide clinical practice through developing evidence-based recommendations regarding the use of HFNC in various clinical settings.

**Panel composition**
PLUG*, a working group of the European Society of Intensive Care Medicine (ESICM), nominated a multi-national panel of experts including intensive care physicians, respirologists, and clinician-methodologists.

**Method**

**97% of analyzed studies used the F&P Optiflow™ systems.**

**Additional readings**
Flow Matters Ed. 2: Clinical Practice Guideline
Rochwerg et al. 2019
Granton et al. 2020
Chaudhuri et al. 2020

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**Acute hypoxemic respiratory failure**
“We recommend using HFNC compared to COT for patients with hypoxemic respiratory failure.”

**Post-extubation respiratory failure**
“We suggest HFNC as compared to COT to prevent respiratory failure in the immediate post-operative period.”

**Peri-intubation period**
“We make no recommendation regarding use of HFNC in the peri-intubation period.”
“For patients who are already receiving HFNC, we suggest continuing HFNC during intubation.”

**Post-operative respiratory failure**
“We suggest HFNC as compared to COT following extubation for patients who are intubated more than 24 hours and have any high-risk feature.”

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97% of analyzed studies used the F&P Optiflow™ systems.

**Strong Recommendation**

**Conditional Recommendation**