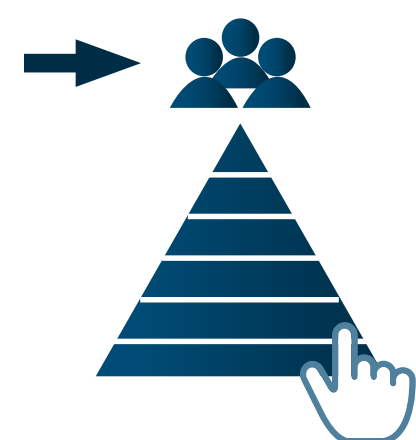


Rochwerg et al. 2020 Intensive Care Medicine

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

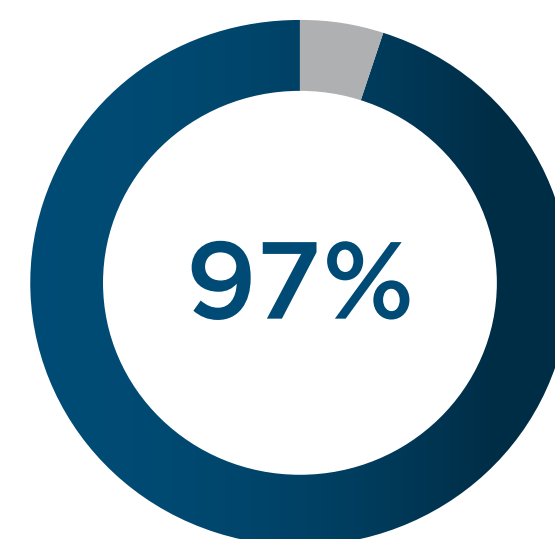


Publication:

Clinical practice guideline

Objective:

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

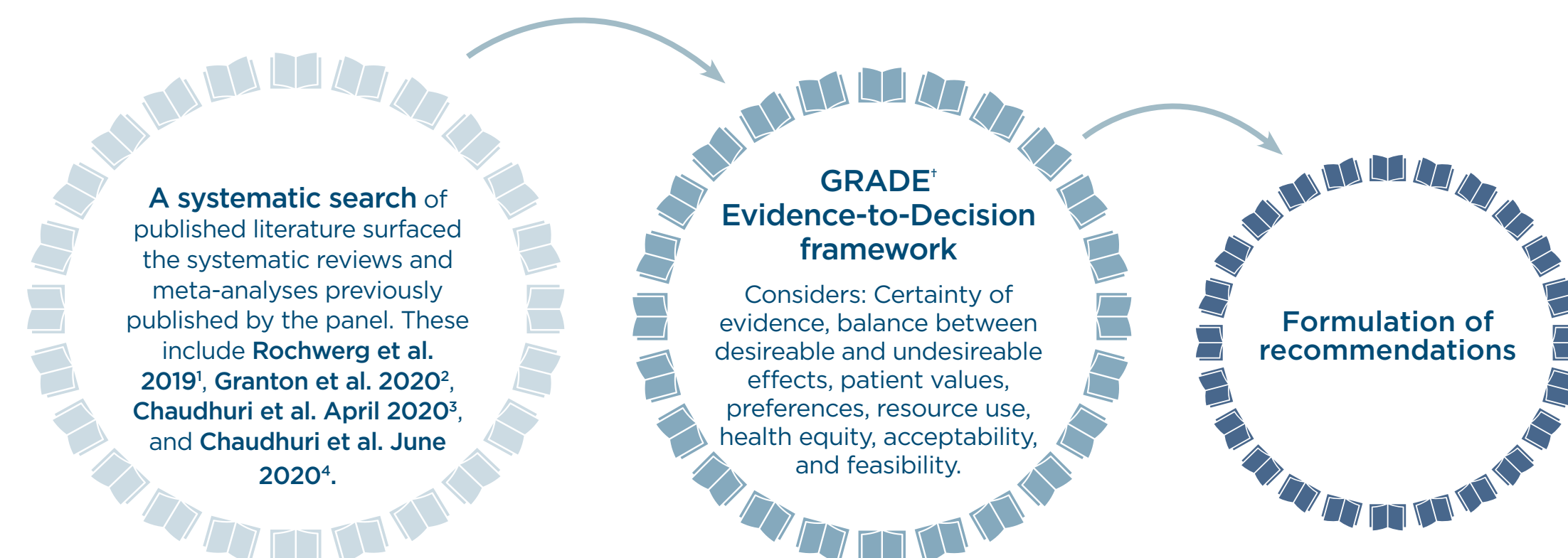


97% of analyzed studies used the F&P Optiflow™ systems.

Panel composition

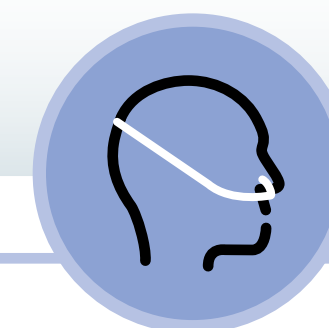
PLUG*, a working group of the European Society of Intensive Care Medicine (ESICM), nominated a multi-national panel of experts including intensive care physicians, respirologists, and clinician-methodologists.

Method



*Plural Pressure Working Group †GRADE: Grading of recommendations, assessment, development, and evaluation ‡Conventional oxygen therapy
1. Rochwerg et al. *Intensive Care Medicine*. 2019 2. Granton et al. *Critical Care Medicine*. 2020 3. Chaudhuri et al. *Critical Care Medicine*. April 2020 4. Chaudhuri et al. *Chest: American College of Chest Physicians*. June 2020.

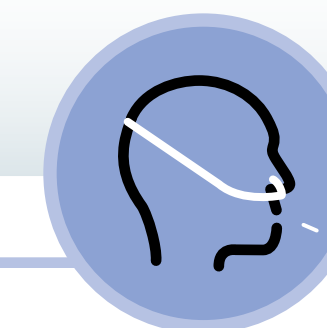
Recommendations



Acute hypoxemic respiratory failure

"We recommend using HFNC compared to COT for patients with hypoxemic respiratory failure."*

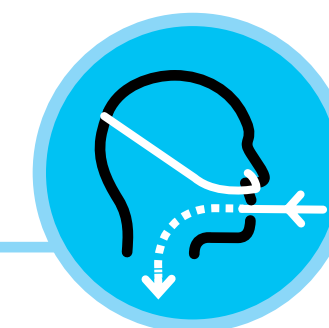
Strong Recommendation



Post-operative respiratory failure

"In high-risk and/or obese patients undergoing cardiac or thoracic surgery, we suggest using HFNC compared to COT to prevent respiratory failure in the immediate post-operative period."

Conditional Recommendation

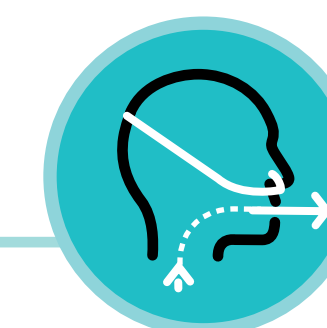


Peri-intubation period

"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."

Continue HFNC



Post-extubation 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."

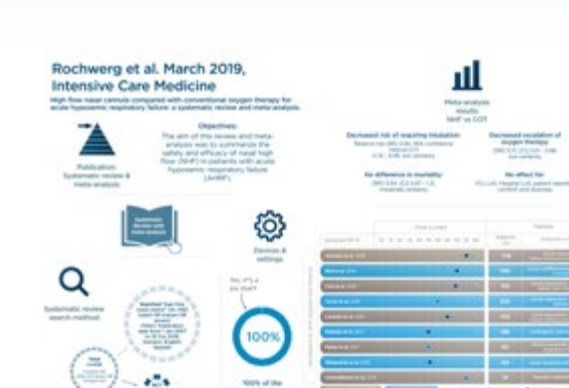
Conditional Recommendation

Additional readings

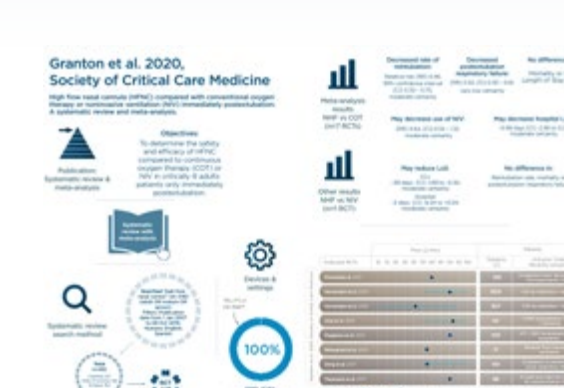
Highly recommended read!



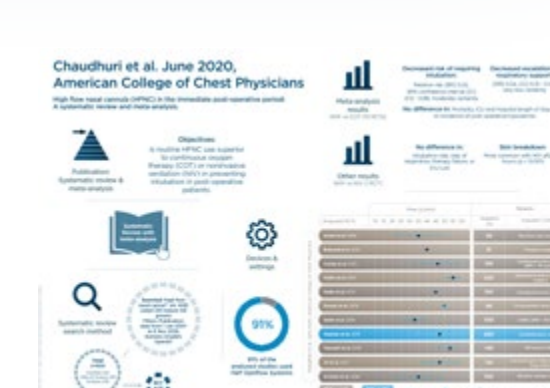
Flow Matters Ed. 2:
Clinical Practice Guideline



Rochwerg et al. 2019¹



Granton et al. 2020²



Chaudhuri et al. June 2020⁴