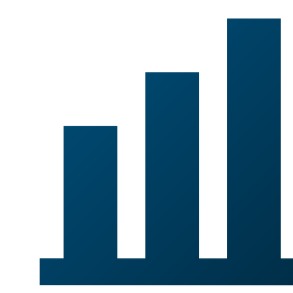
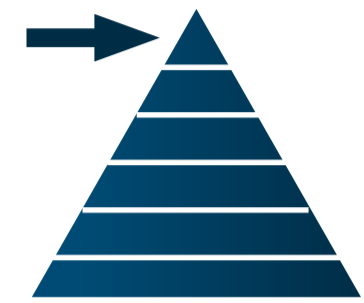


# Rochwerg et al. March 2019, Intensive Care Medicine

High flow nasal cannula compared with conventional oxygen therapy for acute hypoxemic respiratory failure: a systematic review and meta-analysis.



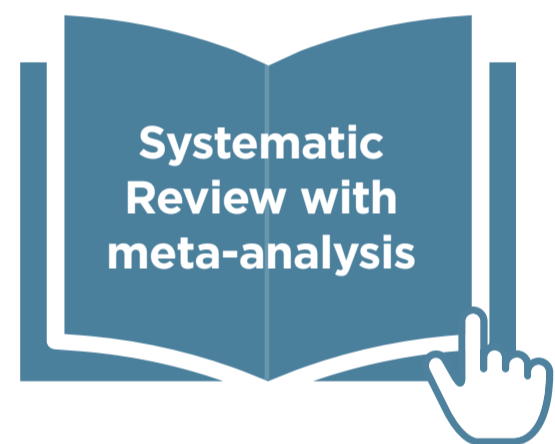
Meta-analysis results  
NHF vs COT



Publication:  
Systematic review & meta-analysis

## Objectives:

The aim of this review and meta-analysis was to summarize the safety and efficacy of nasal high flow (NHF) in patients with acute hypoxemic respiratory failure (AHRF).



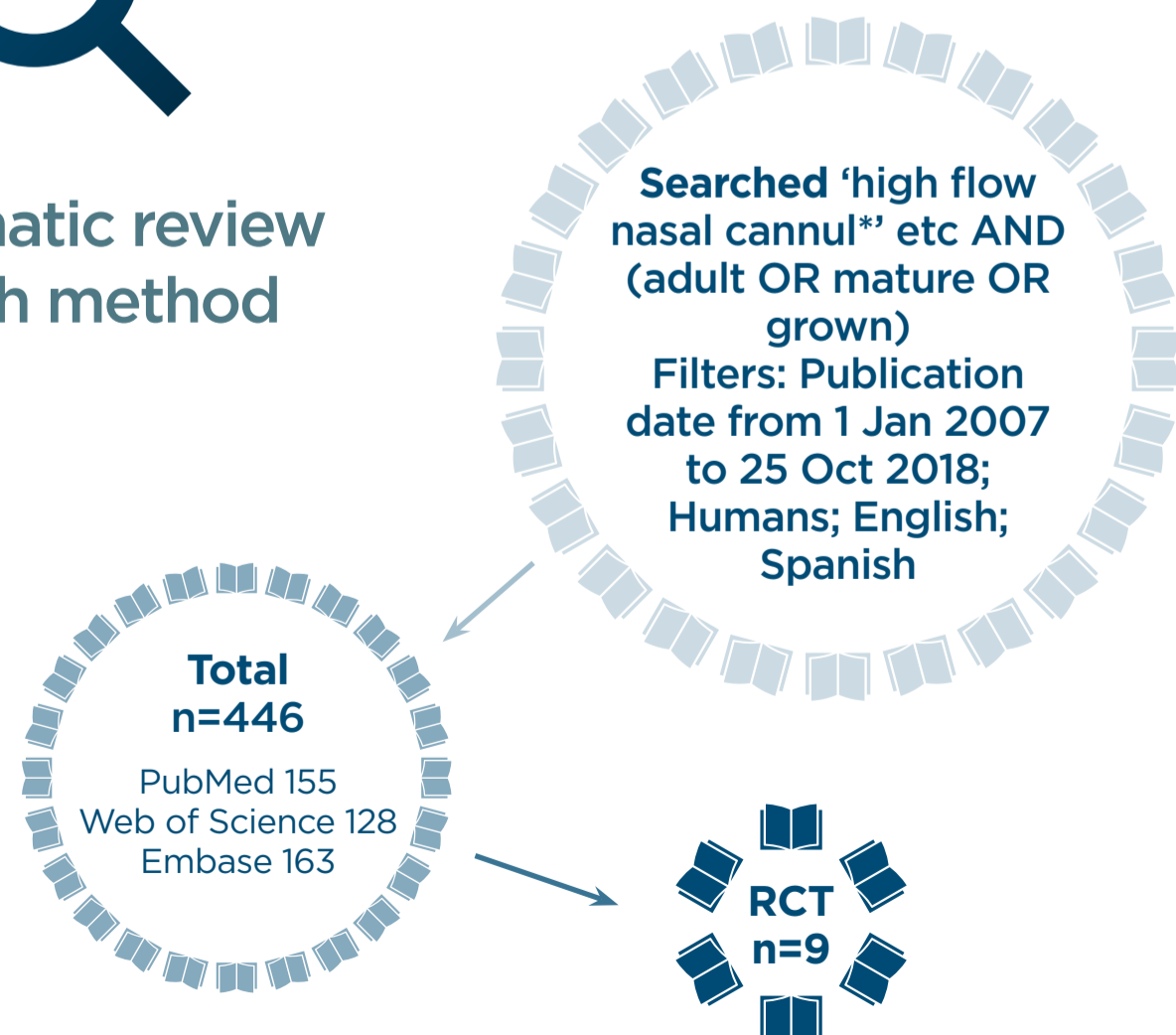
Systematic Review with meta-analysis



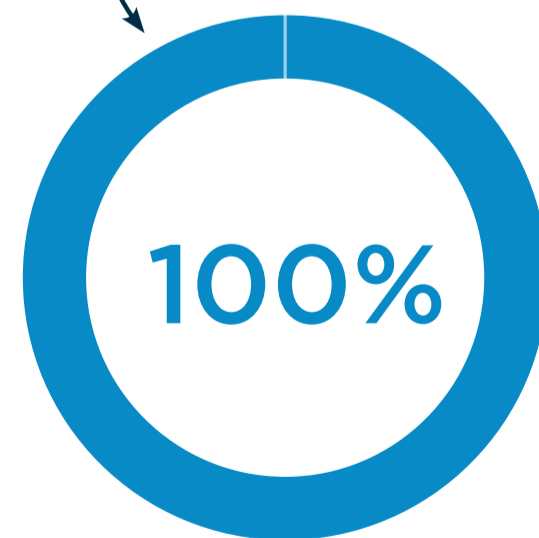
Devices & settings



Systematic review search method



Yes, it's a pie chart



100% of the analyzed studies used F&P Optiflow Systems

## Decreased risk of requiring intubation:

Relative risk [RR] 0.85, 95% confidence interval [CI] 0.74 - 0.99, low certainty

## Decreased escalation of oxygen therapy:

[RR] 0.71, [CI] 0.51 - 0.98, low certainty

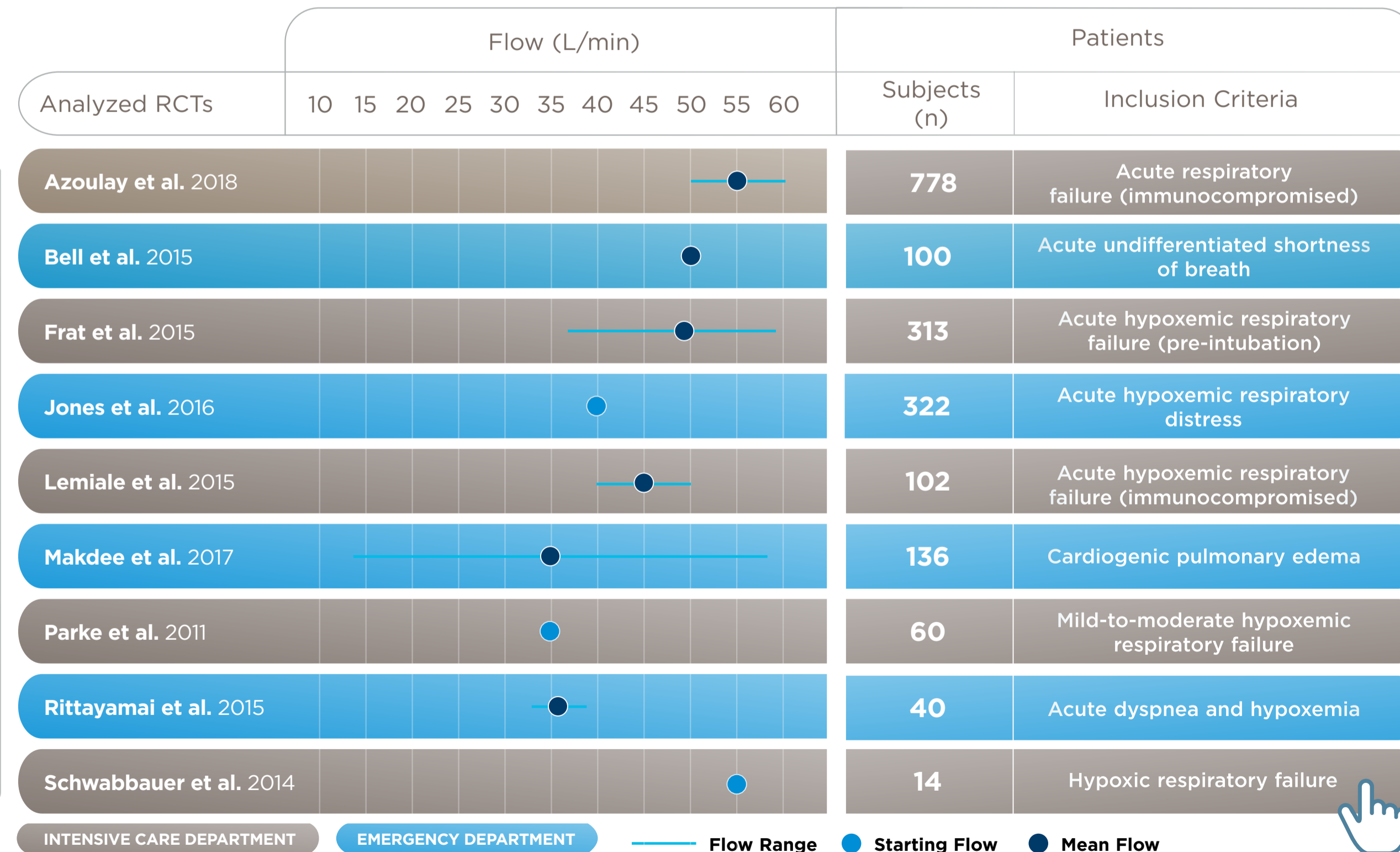
## No difference in mortality:

[RR] 0.94, [CI] 0.67 - 1.31, moderate certainty

## No effect for:

ICU LoS, Hospital LoS, patient reported comfort and dyspnea.

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Some flows were calculated from the reported mean and standard deviation or interquartile range, and/or the known flow limits of the system used. Where the mean alone is reported, no estimated maximum or minimum is calculated unless an initial flow (different to the mean) is reported in which case it is taken as one of the limits.