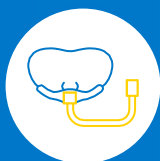


Current Clinical Practices Regarding High-flow Nasal Cannula Therapy With Concomitant Administration of Aerosol Therapy: A Global Survey

Li J, Tu M, Yang L, et al. Worldwide clinical practice of high-flow nasal cannula and concomitant aerosol therapy in the adult ICU setting. *Respir Care*. 2021;66(9):1416-1424.

Background



Delivery of aerosolized medicines via HFNC is of interest to clinicians; however, little is known about current clinical practices in the ICU setting

Objective



The aim of this survey was to evaluate the application of HFNC therapy in adult patients in the ICU. Current practices for aerosol delivery via HFNC were a focus of the survey

Materials and Methods

Design: Anonymous online questionnaire survey

Invitation

Websites and social media platforms of respiratory care associations and societies*



Eligibility

- Healthcare professionals caring for adult patients in the ICU
- >1 year of ICU work experience
- Use of HFNC in the last 30 days

Completed section on technical application of HFNC in the ICU

1358 participants

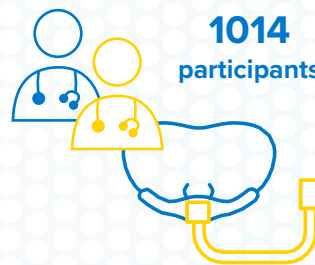


61 countries

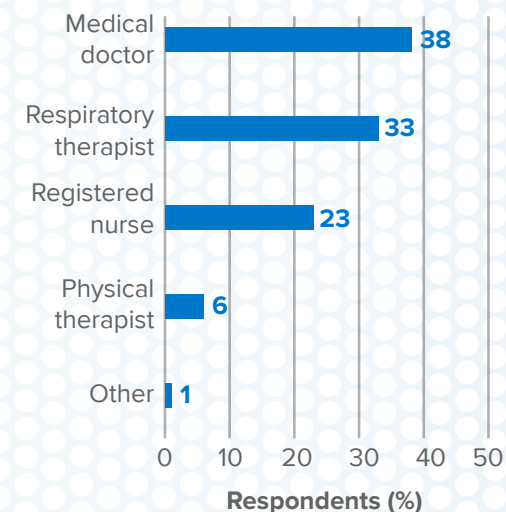
Participants

Completed section on aerosol delivery during HFNC

1014 participants



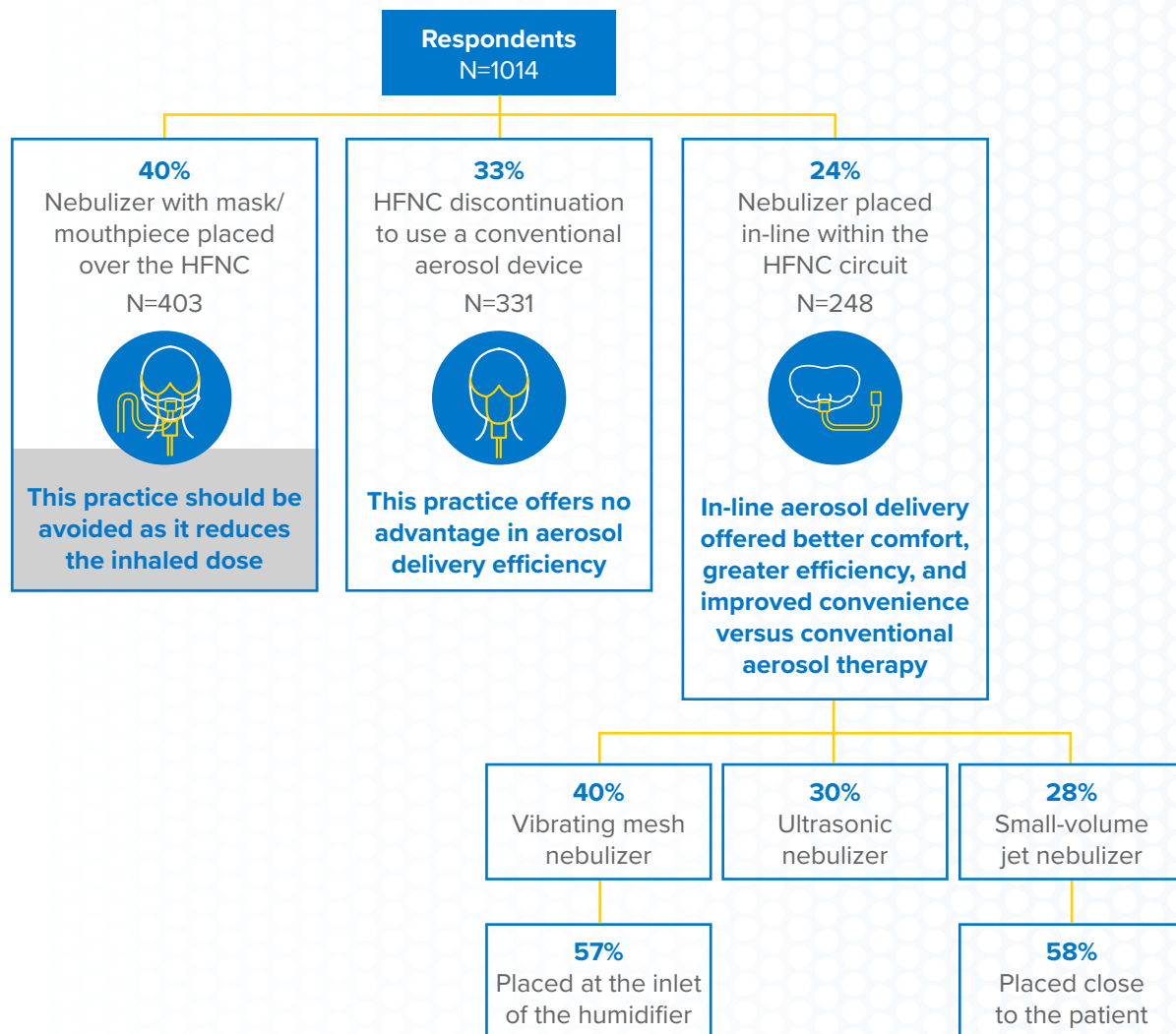
Respondent profession (n=988)



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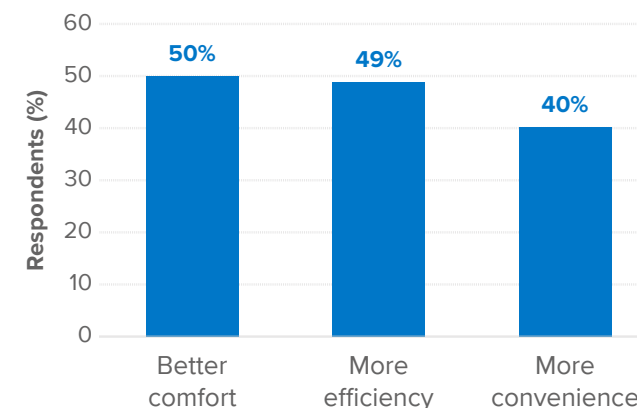
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Forms of aerosol delivery via HFNC



In-line aerosol delivery offered better comfort, greater efficiency, and improved convenience versus conventional aerosol therapy

Reasons for preferring in-line versus conventional aerosol delivery (% respondents)



Benefits of in-line aerosol delivery

71% of the 248 respondents who preferred to place the nebulizer in-line within the HFNC circuit did so to maintain the benefits of HFNC

Want to know more? Scan or click the QR code

