



PneumoCare™

World's
1st

**ADVANCED INNOVATIONS
FOR OPTIMAL DRUG DEPOSITION**

NebHME® BAN SET

*NebHME Breath Actuated Nebulisation
Tubing Set for Ventilators*

- ✓ Optimizing Drug Deposition
- ✓ Breath Actuated Nebilisation
- ✓ Conduit Access for Aerosol
- ✓ Compatible with any Nebuliser
- ✓ No need to disconnect tubing to deliver Aerosol
- ✓ Reduces ICU Infection



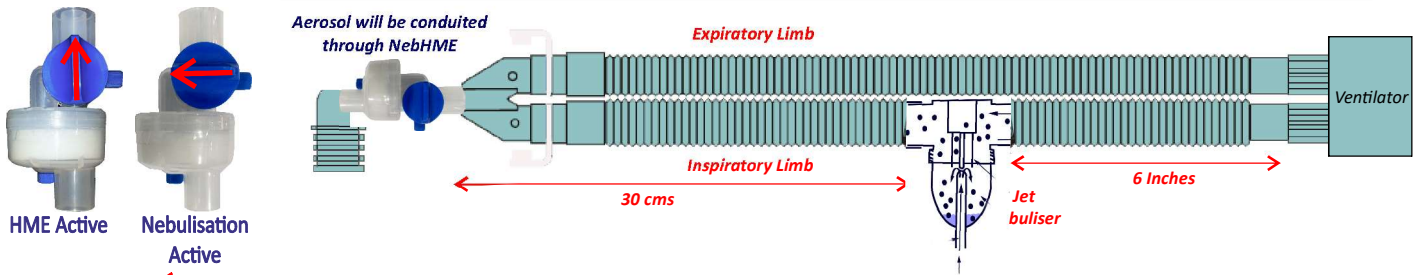
NebHME BANSet
Animation

NebHME[®] BAN SET

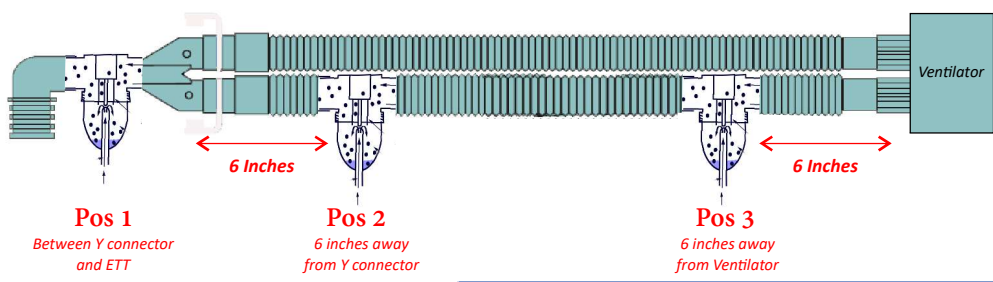
NebHME Breath Actuated Nebulisation Tubing Set for Ventilators



Aerosol Delivery in Mechanical Ventilation has remained to be a challenge. There are several Studies which suggest discontinuation of Heated Humidification during Aerosol Delivery as it leads to almost 40% reduction in drug deposition in a large segment of patients and a potential source of infection. Therefore use of HME has become common and convenient.



- ✓ When Breath Actuated nebuliser is used, the delivered dose increases by more than five fold
- ✓ Aerosol deposition Optimisation techniques suggest placement of nebuliser 30 cms from Tracheostomy with Mesh based nebulisers.



Neb Position	Position 1 Between Y and ETT	Position 2 6 inches away from Y	Position 3 6 inches away from Ventilator
Jet Nebuliser	7.62 (0.9)	9.66 (1.5)	14.66 (1.5)
Vibrating Mesh	14.54 (1.0)	30.24 (1.0)	24.20 (1.2)

Ari et al, Respir care 2010 demonstrated placement of various nebulizers in different locations in the inspiratory Limb which optimized aerosol delivery.



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Ordering Information

- PCH-ABAN-P : NebHME BAN Set Proximal
- PCH-ABAN-D : NebHME BAN Set Distal
- PCH-ABAN-NEB-P : NebHME BAN Set with NebHME Proximal
- PCH-ABAN-NEB-D : NebHME BAN Set with NebHME Distal
- PCNH : NebHME

In our continuous quest for excellence, product specifications are likely to be modified without any prior Notice



Single Patient Use
 Medical Disposable