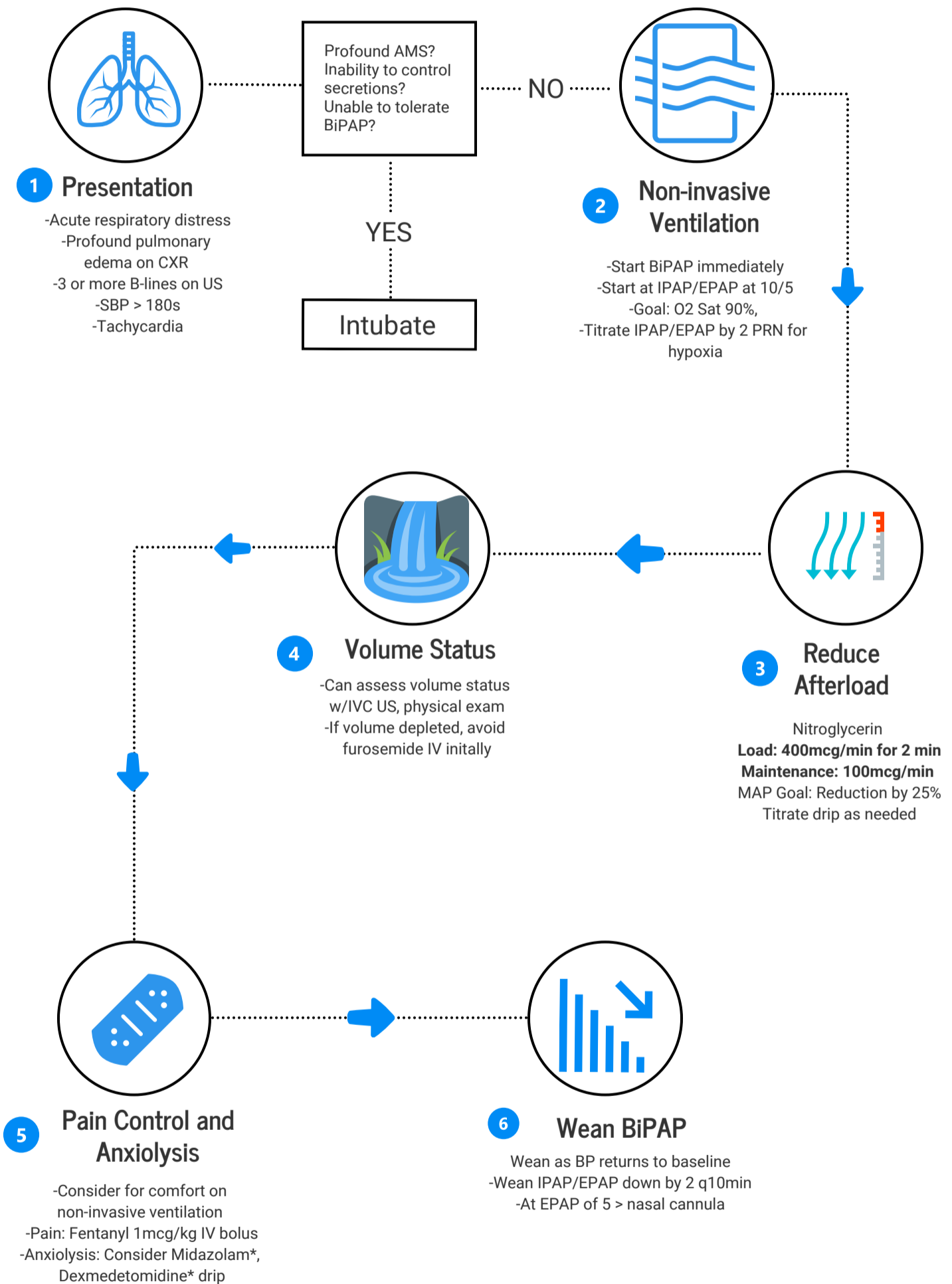


SCAPE

Sympathetic Crashing Acute Pulmonary Edema



Additional Considerations

- If patient unresponsive to nitroglycerine, can alternate with nitroprusside gtt (0.5 mcg/kg/min)
- Consider higher nitro loading dose if initial 400mcg bolus is unsuccessful; over a 2000mcg bolus has been used successfully
- Intubation as last resort
- *Midazolam: Caution with elderly, respiratory depression
- *Dexmedetomidine: may cause bradycardia

References

- EMCrit Podcast 1 – Sympathetic Crashing Acute Pulmonary Edema (SCAPE).* EMCrit Blog. Scott Weingart.
- Bolus intravenous nitroglycerin predominantly reduces afterload in patients with excessive arterial elastance.* J Am Coll Cardiol. 1993;22(1):251-257.
- Rapid Improvement of acute pulmonary edema with sublingual captopril.* Hamilton RJ, Carter WA, Gallagher JE. Acad Emerg Med 1996; 3: 205-12.