SCAPE

Sympathetic Crashing Acute Pulmonary Edema





-Consider for comfort on non-invasive ventilation -Pain: Fentanyl 1mcg/kg IV bolus -Anxiolysis: Consider Midazolam*, Dexmedetomidine* drip

Wean BiPAP

6

Wean as BP returns to baseline -Wean IPAP/EPAP down by 2 q10min -At EPAP of 5 > nasal cannula

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.

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