

Massive Hemoptysis in COPD Exacerbation

Appendix C: Facilitator Cheat Sheet & Debriefing Tips

Include key errors to watch for and common challenges with the case. List issues expected to be part of the debriefing discussion. Supplemental information regarding any relevant pathophysiology, guidelines, or management information that may be reviewed during debriefing should be provided for facilitators to have as a reference.

Key Errors:

- 1 – Delayed recognition of massive hemoptysis and decompensation
- 2 – Not reversing bleeding diathesis
- 3 – Inappropriate positioning or no selective intubation
- 4 – Delayed consultation to consultants

Debriefing Topics:

- 1 – Definition of massive hemoptysis
- 2 – Etiologies of massive hemoptysis
- 3 – How to distinguish hemoptysis from hematemesis
- 4 – Airway and securement plan for massive hemoptysis
- 5 – Appropriate disposition in massive hemoptysis
- 6 – Review institutional emergency airway management plans
- 7 – Reversal of warfarin

References

1. Tintinalli J et al. Tintinalli's Emergency Medicine: A Comprehensive Study Guide. Eighth edition. New York: McGraw-Hill Education, 2016.
2. Davidson K, Shojaee S. Managing Massive Hemoptysis. *Chest*. 2020 Jan;157(1):77-88. Epub 2019 Jul 30. PMID: 31374211.
3. Khatri U, Weiss B. "Massive Hemoptysis". *EM Resident*. 2018.
<https://www.emra.org/emresident/article/massive-hemoptysis/>

