

# Atrial fibrillation

## 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.*

### **Questions for Discussion/Debrief**

1. What are possible reversible causes of Afib and what initial investigations would you order to rule these out?
2. What are key ECG findings for Afib?
  - a. irregularly irregular, absent p waves, narrow complex
  - b. if rate is <150bpm and patient is hypotensive, it could likely be caused by something other than arrhythmia.
3. Discuss approach to management of Afib.
  - a. stable vs unstable
  - b. rate control
  - c. rhythm control
  - d. anti-coagulation (CHADS2 score)
  - e. indications and contraindications for cardioversion
  - f. underlying causes that need to be considered
4. Which patients are at risk of SA node dysfunction?

## References

1. Platt, MA., & Price, TG. Heat Illness. In: Walls RM, Hockberger RS, Gausche-Hill M, Erickson TB, Wilcox SR, editors. Rosen's Emergency Medicine: Concepts and Clinical Practice. [Internet]. 10th ed. Philadelphia (US): Elsevier; 2023. [cited 2023 Oct 2]. Chapter 11. Available from: <https://www.clinicalkey.com/#!/browse/book/3-s2.0-C20181032357>
2. Dobrzynski H, Boyett MR, Anderson RH. New insights into pacemaker activity: promoting understanding of sick sinus syndrome. *Circulation*. 2007;115(14):1921-1932.
3. Jason G Andrade, Martin Aguilar, Clare Atzema, et al. The 2020 Canadian Cardiovascular Society/Canadian Heart Rhythm Society Comprehensive Guidelines for the Management of Atrial Fibrillation. *Can J Cardiol*. 2020 Dec;36(12):1847-1948.
4. Dakkak W, Doukky R. Sick Sinus Syndrome. [Updated 2023 Jul 17]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2024 Jan-. Available from: <https://www.ncbi-nlm-nih-gov.ezproxy.library.ubc.ca/books/NBK470599/?report=classic>
5. Hussain S, Jerry C, Luck. Syncope And Atrial Fibrillation: Which Is The Chicken And Which Is The Egg? *J Atr Fibrillation*. 2015 Dec 31;8(4):1175. doi: 10.4022/jafib.1175. PMID: 27957219; PMCID: PMC5135178.
6. Buttner EBAR. Atrial Fibrillation [Internet]. Life in the Fast Lane • LITFL. 2023. Available from: <https://litfl.com/atrial-fibrillation-ecg-library/>
7. Buttner EBAR. Sinus Node Dysfunction (Sick Sinus Syndrome) [Internet]. Life in the Fast Lane • LITFL. 2021. Available from: <https://litfl.com/sinus-node-dysfunction-sick-sinus-syndrome/>

