

Detroit SonoWAR 2023

#9 Asphyxiation Station

Your teammates are enjoying a classic Detroit coney dog from Lafayette Coney Island when one of them takes too big of a bite and begins choking. Heimlich maneuvers are unsuccessful. It has been four minutes and they are now cyanotic and unresponsive. You have only the tools available to you in your SonoWAR kit.

What do you do?



Photo credit: Wikipedia.com: "coney island hot dog"

References to pontificate to each other about en route to this station:


1. Jamshidi, R. *Wilderness Airway Management: Keeping An Eye on the Ball*. Letter to the Editor, *Wilderness and Environmental Medicine* 2013
2. Wharton, D. *Surgical Cricothyrotomy in the Wilderness: A Case Report*. *Wilderness and Environmental Medicine*, 2013.
3. Johnson, C. *Improvised Cricothyrotomy on a Mountain Using Hiking Gear*. *Wilderness and Environmental Medicine*, 2016.
4. Hessert, W. *Optimizing Emergent Surgical Cricothyrotomy for use in Austere Environments*. *Wilderness and Environmental Medicine*, 2012.
5. Hasegawa, K. *Association of Prehospital Advanced Airway Management With Neurologic Outcome and Survival in Patients With Out-of-Hospital Cardiac Arrest*. *JAMA*, 2013
6. Levitan, R. *Tips and Tricks for Performing Cricothyrotomy*, ACEPNow, 2014.

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#9 Asphyxiation Station

- 1 Point Navigate to this location

- 1 Point Identify at least 5 options for airway management other than cricothyroidotomy

- 1 Point 

- 1 Point Identify the cricothyroid membrane of your teammate on PoCUS

- 1 Point 

- 1 Point Visualize aryepiglottic folds / vocal cord abduction on PoCUS

- 1 Point List three ethical or practical reasons why performing a cricothyroidotomy in an austere environment with improvised tools may be contraindicated.

- 1 Point Why is cricothyroidotomy contraindicated in pediatrics?

- 1 Point Perform cricothyroidotomy on simulated station using improvised tools

- 1 Point Perform cricothyroidotomy on simulated station using standard tools

Bonus Point: Tweet a photo with your team name for this station (and an action shot) with #SonoWAR to have a bonus point added on the back end!