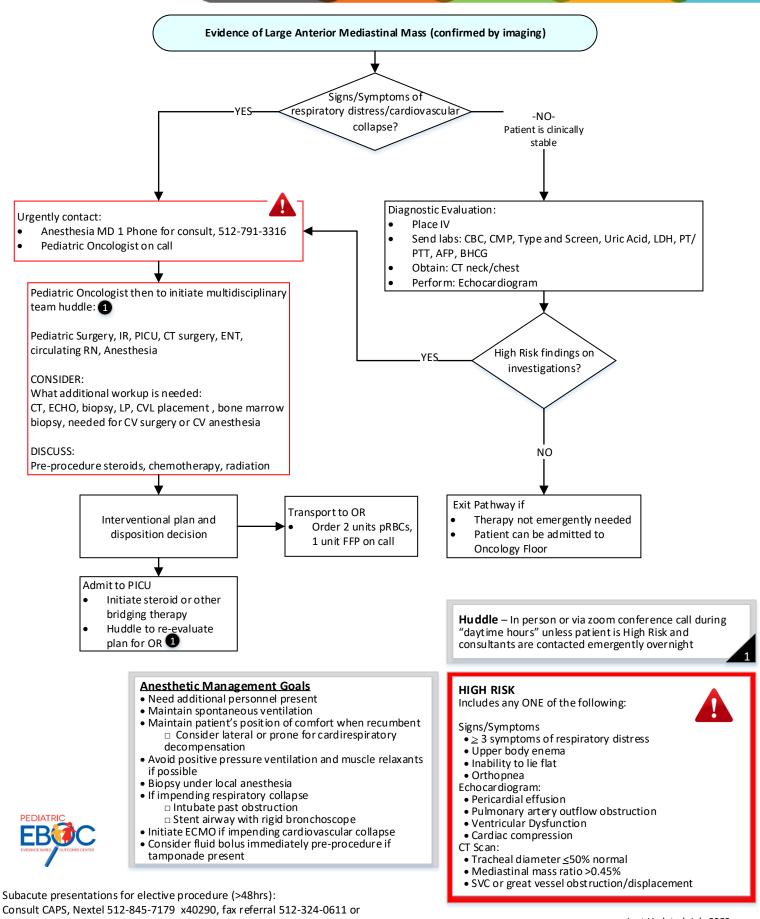
Mediastinal Mass Management Algorithm

Evidence Based Outcomes Center





Email: ATX CAPSClinic@usap.com

Last Updated: July 2023



DELL CHILDREN'S MEDICAL CENTER EVIDENCE-BASED OUTCOMES CENTER



References

- Bohm, A., Campbell, C., Peters, C., & Datoo, N. (2023). Timely diagnostics and safe procedures in children with anterior mediastinal masses (AMMs): a qualitative review of the AMM protocol at BC Children's Hospital in Vancouver BC. *Pediatric hematology and oncology*, 40(1), 51–64. https://doi.org/10.1080/08880018.2022.2072985
- 2. Malik, R., Mullassery, D., Kleine-Brueggeney, M., Atra, A., Gour, A., Sunderland, R., & Okoye, B. (2019). Anterior mediastinal masses - A multidisciplinary pathway for safe diagnostic procedures. Journal of pediatric surgery, 54(2), 251–254. <u>https://doi.org/10.1016/j.jpedsurg.2018.10.080</u>
- <u>https://www.texaschildrens.org/sites/default/files/uploads/documents/outcomes/standards/Mediastina</u> <u>IMass 110117.pdf</u> Guidelines for the Perioperative Management of Anterior Mediastinal Masses. Evidence Based Outcomes Center. Texas Children's Hospital (2015).
- Pearson, J. K., & Tan, G. M. (2015). Pediatric Anterior Mediastinal Mass: A Review Article. Seminars in Cardiothoracic and Vascular Anesthesia, 19(3), 248–254. <u>https://doi.org/10.1177/1089253215578931</u>
- Campbell, Tsai, A., Reading, B., Thompson, M., Noel-MacDonnell, J., Schwartz, R., & Sheeran, P. (2021). Risk factors for anesthetic-related complications in pediatric patients with a newly diagnosed mediastinal mass. *Pediatric Anesthesia*, *31*(11), 1234–1240. <u>https://doi.org/10.1111/pan.14281</u>



DELL CHILDREN'S MEDICAL CENTER EVIDENCE-BASED OUTCOMES CENTER



EBOC Project Owner: Dr. Lindsey Rutland, MD

Approved by the Pediatric Evidence-Based Outcomes Center Team

Revision History

Original Date Approved: July 2023 Next Review Date: July 2027 Document v1.0 Developed and Published to EBOC.

Mediastinal Mass Management:

Heme/Onc - Sage Green, MD Heme/Onc - Raven Cooksey, MD PICU - Michael Auth, MD PICU - Paul Sheeran, MD ER - Winnie Whittaker, MD Surgery - Erich Grethel, MD IR - CJ Yen, MD EBOC - Carmen Garudo, PM

EBOC Committee:

Lynn Thoreson, DO Sarmistha Hauger, MD Patty Click, MSN, RN Deb Brown, MHA, RN Sheryl Yanger, MD Tory Meyer, MD Nilda Garcia, MD Meena Iyer, MD Lynsey Vaughan, MD