

AJFMP Journal Club

Article Title: Thoracic Aortic Aneurysm and Dissection: Review and Recommendations for Evaluation

Authors: Alison Krywaczyk, E. Rene Rodriguez, Carmela D. Tan, Thomas Gilson

Issue: Am J Forensic Med Pathol 2023; 44(2):69-76

- 1 – What are the main differences between thoracic aortic aneurysm and dissection (TAAD) and abdominal aortic aneurysm?
- 2 – What inheritable conditions are associated with TAAD?
- 3 – What are the etiologies and features of Marfan Syndrome, Vascular Ehlers-Danlos Syndrome and Loeys-Dietz Syndrome?
- 4 – How can a bicuspid aortic valve lead to TAAD?
- 5 – What is the etiology of F-TAAD and how does it differ from other heritable causes of TAAD?
- 6 – Why is it important to perform a full internal autopsy on suspected TAAD cases?
- 7 – When might microscopy be helpful in evaluating a TAAD death and what features can be helpful when assessing possible etiologies?
- 8 – What role might sympathomimetic drugs play in the occurrence of TAAD?
- 9 – When might genetic testing for possible hereditary TAAD be appropriate?