

Letter From the Editor: Bonus Quiz



Following the trend of the last 2 issues, this Letter from the Editor is a set of multiple choice questions that will test the reader's knowledge of chest imaging.

The theme of this issue, Head and Neck Imaging, is superbly edited by Dr Rebecca Cornelius, who is a renowned expert in the field. I thank her and the authors she recruited for their excellent contributions.

1. What is the most likely diagnosis?
 - A. Bronchogenic cyst
 - B. Thymic cyst
 - C. Pericardial cyst
 - D. Neurenteric cyst

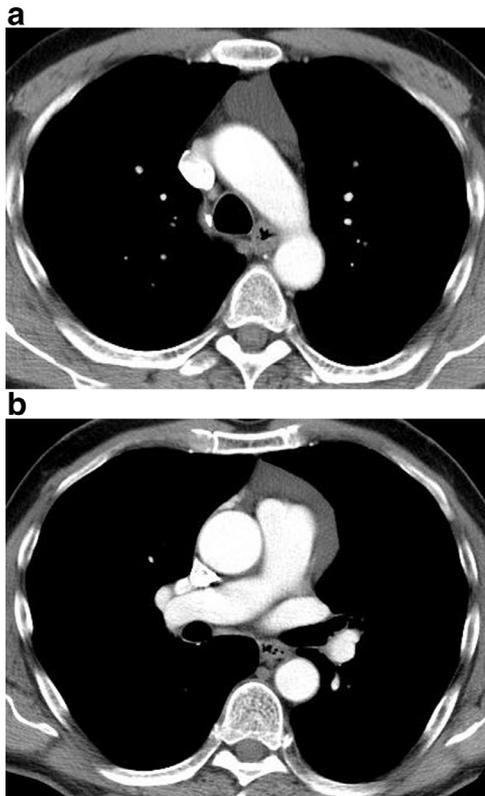


Figure 1

2. What is the most likely diagnosis?
 - A. Sarcoidosis
 - B. Lung cancer
 - C. Tuberculosis
 - D. Silicosis

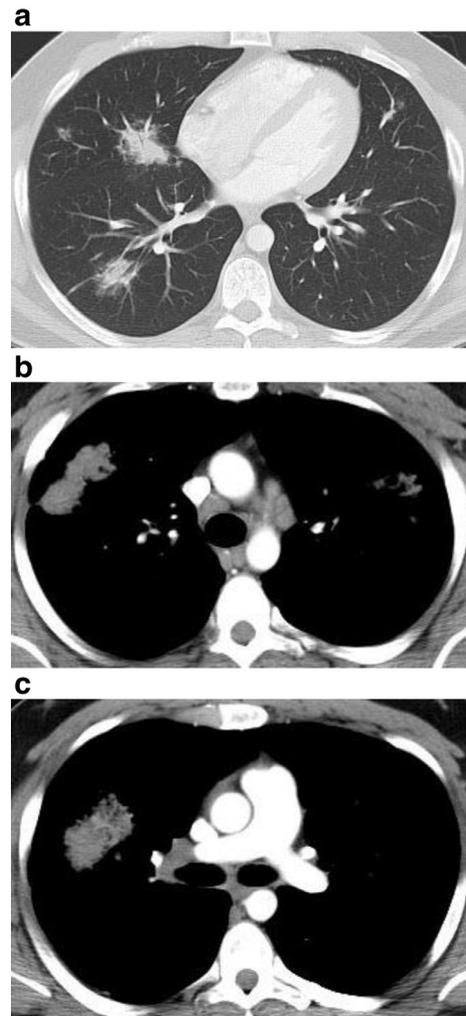


Figure 2

3. The patient is a 75-year-old man. What is the most likely diagnosis?
- Thymoma
 - Seminoma
 - Schwannoma
 - Aneurysm

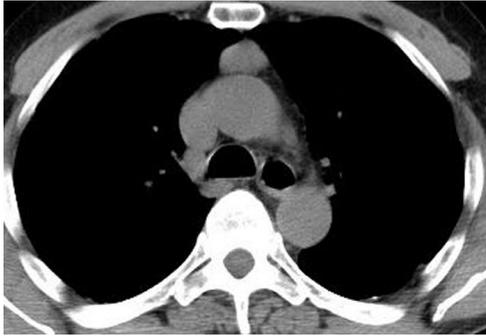


Figure 3

4. What is the most likely diagnosis?
- Seminoma
 - Lymphoma
 - Thymoma
 - Lipoma



Figure 4

5. What is the most likely diagnosis?
- Aneurysm
 - Schwannoma
 - Thymoma
 - Pericardial cyst

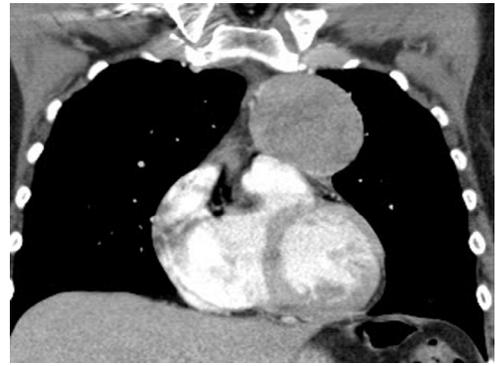


Figure 5

6. What is the most likely diagnosis?
- Thymoma
 - Goiter
 - Teratoma
 - Lymphoma

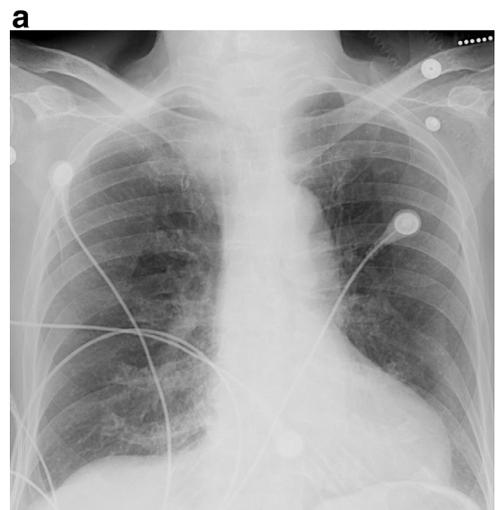


Figure 6

Answers

1. Answer: B. Thymic cyst. The CT shows a fluid-attenuation mass in the anterior mediastinum, in the expected location of the thymus gland.

2. Answer: A. Sarcoidosis. The CT shows mediastinal and hilar lymphadenopathy and parenchymal nodules in a bronchovascular distribution.

3. Answer: A. Thymoma. CT shows an ovoid mass of soft tissue attenuation in the anterior mediastinum.

4. Answer: D. Lipoma. CT shows a fat attenuation mass.

5. Answer: C. Thymoma. CT shows a round circumscribed mass of soft tissue attenuation in the anterior mediastinum.

6. Answer: B. Goiter. The chest radiograph shows a paratracheal mass associated with rightward deviation of the trachea. The CT shows a heterogeneous mass extending from the neck into the mediastinum, displacing the trachea and vasculature.

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