E-QUID: QUESTION / Thoracic imaging

Dyspnea with an entirely opaque left hemithorax

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Case study

G.H., a 76-year-old woman with no particular prior medical history was seen in the emergency room for a 5-month history of progressive dyspnea, which became stage IV dyspnea 1 week prior to admission. The physical examination revealed a patient who was conscious and hemodynamically stable, with signs of congestive heart failure with left pleural effusion. The laboratory tests showed renal failure. A chest X-ray was done (Fig. 1).

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Figure 1. Frontal chest X-ray in a reclining position.
What is your diagnosis?

Based on your reading of the case study, which of the following would be your diagnosis?:

- mesothelioma;
- pleurisy with effusion;
- giant hydatid cyst;
- atelectasis;
- pneumonia;
- thoracic aortic aneurysm;
- aortic dissection presenting as pleural effusion.

Disclosure of interest

The authors declare that they have no conflicts of interest concerning this article.