

Ruptured echinococcus cyst

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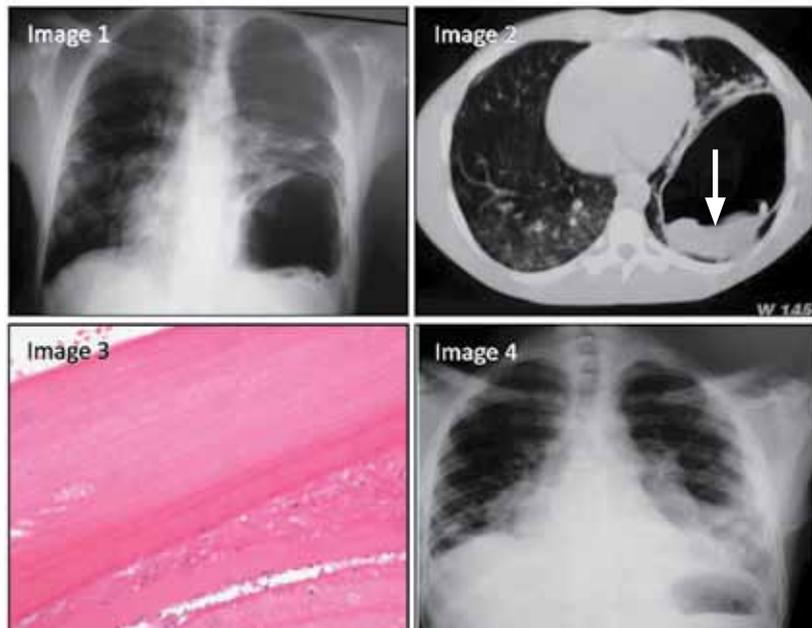
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A 19 year-old male who was a current smoker (15 pack/years) was referred for further evaluation of a cavity in the left lower lobe of the lung. Chest X-ray (image 1) and computed tomography scan (image 2) showed a huge cavity in the left lower lobe, containing cyst material but without an air-fluid level ("water-lily sign", arrow). With the suspicion of a ruptured echinococcal cyst the patient underwent surgery. Histological examination showed the presence of a typical hydatid cyst surrounded by a thick fibrous capsule (image 3, showing the dense outer laminated layer of the hydatid cyst, H and E, X 600). The patient was subsequently discharged with clinical and radiological improvement (image 4).

IMAGES IN PNEUMONLOGY



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