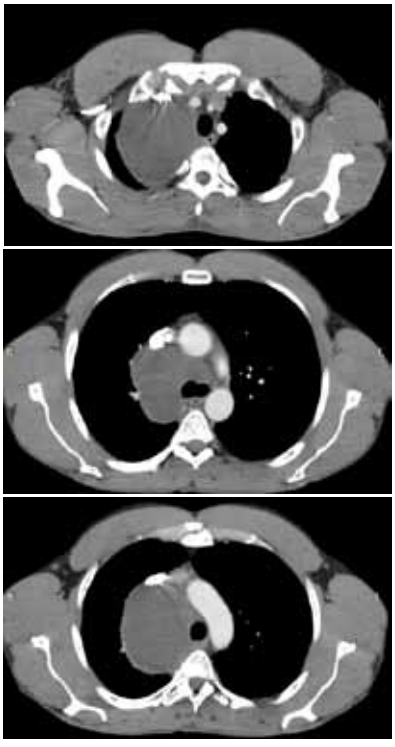
Cystic lymphangioma

Evangelia Chondrou[1], Dimitrios Theofilos[1], Charalampos Marketos[1], Danai Bisirtzoglou[1], Athanasios Zetos[1], Apostolos Dountsis[2], Kyriakos Hainis[3], Georgios Politis[1]

[1]Pneumonology Department, "Saint Savvas" Anticancer Hospital, Athens, Greece
[2]Thoracic Surgery Department, "Saint Savvas" Anticancer Hospital, Athens, Greece
[3]Pneumonology Department, General Hospital of Corfu, Greece

A 41 years- old male patient was admitted for dyspnea, fatigue feeling and persistent cough. Chest X-ray showed an homogeneous right paratracheal opacification. Chest CT confirmed the presence of a large cystic lesion 10×10×7,5cm extending from the level of the output of the right subclavian artery to the the main carina level. The patient underwent fiberoptic bronchoscopy, which revealed no endobronchial lesions. Then the patient underwent surgical excision of the lesion. Pathology report showed a cystic lymphangioma.

Cystic lymphangioma is a rare, benign and usually congenital neoplasm of lymphatic tissue. The unusual location in the mediastinum (1%) may be asymptomatic or present as respiratory impairment, superior vena cava syndrome, pneumonia, chylothorax or chylopericardium. The presumed diagnosis is based on chest imaging and confirmed by the histopathological examination. The differential diagnosis should include lymphoma (namely Castleman's), thymic cyst, pericardial cyst, cystic teratoma, cystic thymoma and aneurysm of the brachiocephalic trunk. Complete surgical resection is the treatment of choice. In these cases, prognosis is good with rare local recurrence.



IMAGES: Right paratracheal mass lesion 10x10x7,5cm with low- attenuation.

REFERENCES:

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Correspondence:
Evangelia Chondrou, MD, MSc, Pneumonology department Anticancer hospital "Agios Savvas" 171 Alexandras Aven., 11522 Athens,
E-mail: pneymoagsavvas@gmail.com