

18.

Bölüm

NADİR GÖRÜLEN PLEVRAL TÜMÖRLER

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OLGU

Olgumuz 42 yaşında kadın hasta, rutin sağlık taraması için gittiği dış merkezde çekilen PA akciğer grafisinde sol akciğerde şüpheli bir lezyon görülmesi üzerine hastaya toraks tomografisi çekilmiştir. Toraks tomografisi sonucuyla tarafımıza refere edilmiştir. Olgumuzun aktif şikayetü yoktu. Olgumuzun sigara ve ek hastalık öyküsü bulunmamaktaydı. Ailede malignite öyküsü yoktu.

Toraks tomografisinde sol akciğer alt lob anterobazal segmentte fissür tabanlı yaklaşık 38x40x44 mm boyutlarında kitle mevcuttu (Resim 1). Ek patolojik bulgu saptanmadı. Hasta mevcut bulgularla değerlendirilerek hastaya PET-CT çekildi. Sol akciğer alt lobda tanımlanan lezyonun 18-FDG tutulumu SUVmax:2.32 olarak rapor edildi. PET-CT'de ek patolojik tutulum görülmemiştir.

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KAYNAKLAR

1. Light RW, Broaddus VC. Pleural effusion. In: Murray JF, Nadel JA (eds). *Textbook of Respiratory Medicine*. 3rd ed. Philadelphia: WB Saunders Company, 2000:2013-41.
2. McNamee CJ, DaSilva MC, Adams AS, Wolf AS, Sugerbaker DJ. Pleural Tumors. In: Kuzdzal J, Asamura H, Detterbeck F, Goldstraw P, Lerut A, Thomas P, Treasure T, ESTS Textbook of thoracic surgery, Medycyna Praktyczna, Cracow 2014; 233-252.
3. Churg A, Sheffield BS, Galateau-Salle F. New markers for separating benign from malignant mesothelial proliferations: are we there yet? *Arch Pathol Lab Med*. 2016;140:318-321.
4. Şahin E, Katrancıoğlu Ö. *Plevranın Nadir Görülen Primer Tümörleri*. İç: Yücel O, Genç O, ed. *Plevra Hastalıkları ve Tedavisi*, 2010, 51-3.
5. Shields TW, Yeldani AV. Localized fibrous tumors of the pleura. In: Shields TW, Locicero III J, Reed CE, Feins RH, General Thoracic Surgery, seventh ed, Vol I, Lippincott Williams&Wilkins, Philedelphia 2009; 835-45.
6. Travis WD, Brambilla E, Burke AP, Marx A, Nicholson AG. Introduction to the 2015 World Health Organization Classification of Tumors of the Lung, Pleura, Thymus, and Heart. *J Thorac Oncol*. 2015;10:1240-1242.
7. Dela Cruz CS. Lung cancer: epidemiology, etiology, and prevention. *Clin Chest Med* 2011;32: 605-44.
8. Furrer M, Inderbitzi R. Case report: endoscopic resection of a 5 cm intrathoracic lipoma. *Pneumologie* 1992;46:334-5.
9. Travis WD. Sarcomatoid neoplasms of the lung and pleura. *Arch Pathol Lab Med* 2010;134: 1645-58.
10. Torres-Olivera FJ, Vargas MT, Torres-Gomez FJ, et al. Cytogenetic, fluorescence in situ hybridization, and immunohistochemistry studies in a malignant pleural solitary fibrous tumor. *Cancer Genet Cytogenet* 2009;189:122-6.
11. Molinie V, Pouchot J, Navratil E, et al. Primary Epstein-Barr virus-related non-Hodgkin's lymphoma of the pleural cavity following longstanding tuberculous empyema. *Arch Pathol Lab Med* 1996;120(3):288-91.
12. Wang NS. Anatomy of the pleura. *Clin Chest Med* 1998;19(2):229-40.
13. Travis WD, Colby TV, Corrin B, et al. In Collaboration with Sabin LH and Pathologists from 14 Countries. *World Health Organization International Histological Classification of Tumours. Histological Typing of Lung and Pleural Tumours*. 3rd edition. Springer-Verlag; 1999.
14. Baisi A, Ravagli F, De Simone M, et al. Primary multifocal angiosarcoma of the pleura. *Interact Cardiovasc Thorac Surg* 2011;12:1069-70.
15. Dynes MC, White EM, Fry WA, et al. Imaging manifestations of pleural tumors. *Radiographics* 1992; 12(6):1191-201.
16. Helm EJ, Matin TN, Gleeson FV. Imaging of the pleura. *J Magn Reson Imaging* 2010;32:1275-86.
17. Leung AN, Muller NL, Miller RR. CT in differential diagnosis of diffuse pleural disease. *Am J Roentgenol* 1990;154(3):487-92.
18. Tsai TH, Yang PC. Ultrasound in the diagnosis and management of pleural disease. *Curr Opin Pulm Med* 2003;9:282-90.
19. Helm EJ, Matin TN, Gleeson FV. Imaging of the pleura. *J Magn Reson Imaging* 2010;32:1275-86.
20. Duranti L, Leo F, Pastorino U. PET scan contribution in chest tumor management: a systematic review for thoracic surgeons. *Tumori* 2012;98(2): 175-84.
21. Alavi A, Gupta N, Alberini JL, et al. Positron emission tomography imaging in nonmalignant thoracic disorders. *Semin Nucl Med* 2001;32(4):293-321.
22. Andrews TD, Wallace WA. Diagnosis and staging of lung and pleural malignancy—an overview of tissue sampling techniques and the implications for pathological assessment. *Clin On-*

- col 2009;21:451–63.
23. Cakir E, Demirag F, Aydin M, et al. A review of uncommon cytopathologic diagnoses of pleural effusions from a chest disease center in Turkey. *Cytojournal* 2011;8:13.
 24. Benamore RE, Scott K, Richards CJ, et al. Imageguided pleural biopsy: diagnostic yield and complications. *Clin Radiol* 2006;61:700–5.
 25. Blanc FX, Atassi K, Bignon J, et al. Diagnostic value of medical thoracoscopy in pleural disease: a 6-year retrospective study. *Chest* 2002;121(5): 1677–83.
 26. Lu C, Ji Y, Shan F, et al. Solitary fibrous tumor of the pleura: an analysis of 13 cases. *World J Surg* 2008; 32:1663–8.
 27. Sung SH, Chang JW, Kim J, et al. Solitary fibrous tumors of the pleura: surgical outcome and clinical course. *Ann Thorac Surg* 2005;79:303–7.
 28. Cardillo G, Carbone L, Carleo F, et al. Solitary fibrous tumor of the pleura: an analysis of 110 patients treated in a single institution. *Ann Thorac Surg* 2009;88:1632–7.
 29. Arab WA. Solitary fibrous tumor of the pleura. *Eur J Cardiothorac Surg* 2012;41(3):587–97.
 30. Mendelson DS, Meary E, Buy JN, et al. Localized fibrous pleural mesothelioma: CT findings. *Clin Imaging* 1991;15:105–8.
 31. Usami N, Iwano S, Yokoi K. Solitary fibrous tumor of the pleura: evaluation of the origin with 3D CT angiography. *J Thorac Oncol* 2007;2:1124–5.
 32. Swanson SJ. Video-assisted thoracic surgery segmentectomy: the future of surgery for lung cancer? *Ann Thorac Surg* 2010;89:S2096–7.
 33. de Perrot M, Kurt AM, Robert JH, et al. Clinical behavior of solitary fibrous tumors of the pleura. *Ann Thorac Surg* 1999;67:1456–9.
 34. Nogales FF, Issac MA, Hardisson D, et al. Adenomatoid tumors of the uterus: an analysis of 60 cases. *Int J Gynecol Pathol* 2002;21:34–40.
 35. Minato H, Nojima T, Kurose N, et al. Adenomatoid tumor of the pleura. *Pathol Int* 2009;59(8):567–71. 36. Murali R, Park K, Leslie KO. The pleura in health and disease. *Semin Respir Crit Care Med* 2010; 31(6):649–73.
 37. Shibata K, Yuki D, Sakata K. Multiple calcifying fibrous pseudotumors disseminated in the pleura. *Ann Thorac Surg* 2008;85(2):e3–5.
 38. Mito K, Kashima K, Daa T, et al. Multiple calcifying fibrous tumors of the pleura. *Virchows Arch* 2005; 446(1):78–81.
 39. Jayle C, Hajj-Chanine J, Allain G, et al. Pleural lipoma: a non-surgical lesion. *Interact Cardio-vasc Thorac Surg* 2012;14(6):735–8.
 40. Zidane A, Atoini F, Arsalane A, et al. Parietal pleura lipoma: a rare intrathoracic tumor. *Gen Thorac Cardiovasc Surg* 2011;59(5):363–6.
 41. Liebow AA, Hubbell DS. Sclerosing hemangioma (histiocytoma, xanthoma) of the lung. *Cancer* 1956;9:53–75.
 42. Bae YA, Lee KS. Cross-sectional evaluation of thoracic lymphoma. *Thorac Surg Clin* 2010;20: 175–86.
 43. Sunil M, Reid E, Lechowicz MJ. Update on HHV-8- associated malignancies. *Curr Infect Dis Rep* 2010;12(2):147–54.
 44. Moran CA, Travis WD, Rosado-de-Christenson M, et al. Thymomas presenting as pleural tumors. Report of eight cases. *Am J Surg Pathol* 1992; 16(2):138–44.
 45. Kim HS, Lee HJ, Cho SY, et al. Myasthenia gravis in ectopic thymoma presenting as pleural masses.
 46. Pinto A, Dickman P, Parham D. Pathobiologic markers of the Ewing sarcoma family of tumors: state of the art and prediction of behaviour. *Sarcoma* 2011;2011:856190.
 47. Alhariqi BA, Alamri NF. Peripheral primitive neuroectodermal tumor of the pleura in a 41-year-old female. *Saudi Med J* 2012;33(7):791–3.
 48. Fink M, Salibury J, Gishen P. Askin tumor: three case histories and a review of the literature. *Eur J Radiol* 1992;14:178–80.

49. Willen R, Bruce T, Dahlstrom G, et al. Squamous epithelial cancer in metaplastic pleura following extrapleural pneumothorax for pulmonary tuberculosis. *Virchows Arch A Pathol Anat Histol* 1976; 370(3):225–31.
50. Kotani K, Makihara S, Tada R. Squamous cell carcinoma of the chest wall in a patient with chronic empyema. *Kyobu Geka* 2011;64(7):549–51 [in Japanese].
51. Smith S, Opiplari MI. Primary pleural melanoma. A first reported case and literature review. *J Thorac Cardiovasc Surg* 1978;75(6):827–31. Rare Pleural Tumors 133
52. Um SW, Yoo CG, Lee CT, et al. Apparent primary pleural melanoma: case report and literature review. *Respir Med* 2003;97(5):586–7.
53. Dalton WT, Zollliker AS, McCaughey WT, et al. Localized primary tumors of the pleura: an analysis of 40 cases. *Cancer* 1979;44(4):1465–75.
54. Rdzanek M, Fresco R, Pass HI, et al. Spindle cell tumors of the pleura: differential diagnosis. *Semin Diagn Pathol* 2006;23(1):44–56.
55. McCaughey WT, Dardick I, Barr JR. Angiosarcoma of serous membranes. *Arch Pathol Lab Med* 1983; 107(6):304–7.
56. Indolfi P, Casale F, Carli M, et al. Pleuropulmonary blastoma: management and prognosis of 11 cases. *Cancer* 2000;89(6):1396–401.
57. Syed S, Haque AK, Hawkins HK, et al. Desmoplastic small round cell tumor of the lung. *Arch Pathol Lab Med* 2002;126(10):1226–8.
58. Karavitakis EM, Moschovi M, Stefanaki K, et al. Desmoplastic small round cell tumor of the pleura. *Pediatr Blood Cancer* 2007;49(3):335–8.
59. Morimoto J, Nakajima T, Lizasa T, et al. Successful resection of schwannoma from an intercostal nerve causing bloody pleural effusion: report of a case. *Surg Today* 2011;41(7):989–91.
60. Ozaki S, Miyata Y, Arita M, et al. Chest wall schwannoma associated with neurofibromatosis 2—a case report. *Hiroshima J Med Sci* 2004; 53(3–4):47–50.