Deferred Locoregional Recurrence of Pleural Mesothelioma

Recidiva locorregional diferida de mesotelioma pleural

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Malignant mesothelioma is a mesodermal tumor that originates in the serous membrane of the pleura, peritoneum, and, occasionally, the pericardium and tunica vaginalis of the testes. Relapse is generally locoregional, with invasion of adjacent tissues, but hematogenous metastatic dissemination has very occasionally been described. Musculoskeletal recurrence after a long disease-free period is extremely rare, with few cases reported in the literature.

We report the case of a 54-year-old patient with a history of pleuropneumectomy, phrenicectomy, and pericardiectomy for left pleural mesothelioma, with metastatic splenectomy 2 years later. After a disease-free period of 14 years, computed tomography revealed small mediastinal lymphadenopathies and a solid nodule with polylobulated contours in the sheath of the rectus abdominus muscles. PET-CT extension scan with 18FDG showed hypermetabolic lesions in the lymph nodes, mediastinum,
and muscle planes of the left serratus anterior muscle, rib cage and the left rectus anterior muscle of the abdomen (Fig. 1, asterisk), in which a maximum SUV of 5.7 was recorded. Infiltrating epithelial mesothelioma was confirmed by abdominal muscle biopsy, and treatment started with cisplatin-pemetrexed.

Although the possibility is remote, diffuse locoregional recurrence should be considered in a patient with a history of malignant pleural mesothelioma, so that prompt and effective treatment can be offered.

References