

Mature Teratoma Associated with Bilateral Ovarian Carcinosarcoma - Accidental Association or Etiopathogenetic Determinism? - Case Report

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Abstract

Carcinosarcoma is a rare form of ovarian cancer with mixed origin, and its association with mature teratoma is extremely rare. We present the case of patient T. M. aged 67, admitted into our clinic on the 15/05/2016, F.O. 4877 for the increase of the abdominal volume. On admission, the patient was afebrile, conscious, cooperative, cardio-respiratory balanced, having the abdomen distended in volume, sharp dullness in the flanks, positive wave sign biohumoral within normal limits except: uric acid = 6.64 mg / dL, serum glucose = 113.7 mg / dl, serum total proteins = 8.65 g / dl, the albumin / globulin subunit, CRP 33.63 mg / l, sideremia 51 ug / dl, CA 125 = 588.4 IU. Abdominal ultrasound: high volume fluid and multiple perihepatic formations and multiple formations with cystic transformation in the abdomen and pelvis. CT exam describes multiple tissular masses localized intraperitoneal in the abdominal-pelvic region, sheath fluid effusion, infiltrative, with mass effect on the digestive lumens, without visible CT obstruction. Surgical treatment consisted in evacuation of the ascites fluid, excision of the tumoral lumps situated in the great omentum, omentectomy, excision of the lumps of the gastro-colic ligament, bilateral ovariectomy and hysterectomy. Post-operative simple evolution. Histopathology confirmed the diagnosis of bilateral ovarian carcinosarcoma associated with tridermic mature teratoma (presence of brain tissue areas associated with cartilage, transitional type epithelium, tubal type epithelium, endometrial stroma type and fatty tissue). IHC confirms the compatibility with the diagnosis of ovarian carcinosarcoma (mixed malignant Mullerian tumor). The patient followed adjuvant polichemotherapy. The association of teratoma with carcinosarcomatous elements confers a poor prognosis case.

Key words: mature teratoma, ovarian carcinosarcoma