

Diagnosis and Treatment Difficulties in a Case of Synchronous Colon Cancer with Ovarian Metastasis and Peritoneal Carcinomatosis

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Abstract

We present the case of a 46 year old female patient, with a personal history of breast abscess and total thyroidectomy for multiple thyroid cysts, who was investigated in a different healthcare facility for loss of appetite and weight loss. She was referred to our hospital with a suspicion of stage IIIC ovarian cancer, based on the paraclinical investigations which were made: a pelvic MRI (magnetic resonance imaging) and the ROMA score (23,16%). The colonoscopy done at the Clinical Emergency Hospital of Bucharest after admitting the patient revealed a circumferential tumor with an ulcerative and infiltrative aspect, which occupied in totality the lumen of the colon, near the splenic flexure. Biopsies were taken at this level. The histopathology result describes a well-differentiated colorectal adenocarcinoma. A surgical intervention with complete cytoreduction was performed. Immunohistochemistry and histopathology reports of the tissue provided confirmed the origin of the tumor as being colonic, concluding that the primary tumor was a colonic mucinous adenocarcinoma with multiple peritoneal and bilateral ovarian metastases.

Key words: colorectal adenocarcinoma, ovarian tumor, metastasis