Abstract

Summary.- OBJECTIVES: The ovarian metastasis by a gastrointestinal cancer is called Krukenberg tumor. We report a case of metastasis to the testis and epididymis by gastric cancer that can be the analogue in male. METHODS: A patient, submitted to total gastrectomy for a poorly differentiated gastric adenocarcinoma (TNM stage: pT3 GIII N+ M1) developed one year later a painful swelling of the right hemiscrotum and groin. The palpation revealed a painful mandarine-like mass conglobated in the right testis and epididymis, with a further mass at the external inguinal-ring and multiple little nodes along the spermatic cord. An inguinal orchifuniculectomy was performed and the histological tests described a poorly differentiated, microtubular adenocarcinoma, infiltrating the connective tissue, without spreading to the testis, that was properly structured. The atypical tumor formations expressed carcinoembryonal antigen, but were negative for -HCG and PSA. The immune-histochemical results confirmed the diagnosis of an adenocarcinoma. RESULTS/CONCLUSION: The metastasis in testicles and/or epididymus are rare and cannot be differentiated clinically or by imaging procedures from a primary testicle neoplasia. Only the exact anamnesis of previous tumors and the age can provide some indications. The therapy of choice is however represented by inguinal orchifuniculectomy.

Keywords

Krukenberg, Testis metastasis, Metastatic gastric cancers