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Robot-Assisted Hysterectomy for Primary Choriocarcinoma of the Cervix – A Novel Approach

Bilyana V. Karafezieva[1,2], Georgi D. Prandzhev[1,2], Svetlana Mateva[1,3], Tihomir Totev[1,2], Grigor A.Gorchev[1,2]
[1]Department of Obstetrics and Gynecology, Saint Marina University Hospital, Pleven, Bulgaria
[2]Medical University of Pleven, Bulgaria
[3]Department of Pathology, Saint Marina University Hospital – Pleven, Bulgaria

Abstract
The incidence of ectopic choriocarcinoma with primary localization in the uterine cervix is extremely low, with less than hundred cases reported in the English language literature to date. We present a case of primary cervical choriocarcinoma in a 41-year-old woman, originally suspected for cancer of the cervix. After histological investigation, the decision was made for primary surgical treatment due to extensive hemorrhage, finished family planning, and the localization of the tumor. Currently, after six months of follow-up, the patient is disease-free without evidence of recurrence or metastasis. Our case demonstrates an innovative use of the robot-assisted technique, the feasibility and the efficacy of this approach for primary treatment of ectopic choriocarcinoma.
Key words: primary, cervical, choriocarcinoma, hysterectomy, robotic