

# Uterine Carcinosarcoma- How Rare is Rare? †

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**Abstract:** Uterine carcinosarcoma is a biphasic tumor with an epithelial and mesenchymal component that has been included in the last WHO of female genital tumors in the endometrial carcinoma category. We conducted a retrospective study including all hysterectomy specimens with diagnostic of carcinosarcoma. When available, the endometrial biopsy was examined. Our study evaluated 23 cases of hysterectomy specimens and 17 biopsies before surgery. The biopsy only showed only the epithelial component in 26,08%. All tumors were polypoid with dimensions ranging from 3 to 12 cm. Histological assessment together with additional immunohistochemical stainings were performed. Although the definition of carcinosarcoma requires a high-grade epithelial and mesenchymal component, there are cases described in the literature that do not meet these desirable diagnostic criteria. In 2 cases, the sarcomatous component was rather bland and required additional tests to confirm the diagnostic. Sometimes the number of cases is underrated because the biopsies might not show both components, so extensive sampling and careful examination of all uterine polypoid masses is required for the histological diagnostic.

**Keywords:** uterine carcinosarcoma; biopsy; resection specimen.

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