Uterine and vaginal polyps as metastasis of a renal clear cell adenocarcinoma: About Two cases

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Introduction
Secondary cervical adenocarcinomas are most commonly seen in relation to the extension of primary endometrial adenocarcinoma. Metastatic tumors from other sites are rather uncommon and, when seen, are most frequently from the ovaries, gastrointestinal tract, or breast. We report a case of renal cell carcinoma, clear cell variant, to the cervix, which presented as a cervical polyp postmenopausal female. To our knowledge, this is the fifth reported case of renal cell carcinoma metastatic to the cervix. This case is the fourth in which the cervical metastasis was the presenting sign of renal cell carcinoma and the first in which the clinical presentation was as a cervical polyp.

Case 2
A post menopausal patient of 54 years old was seen at the emergency room for vaginal bleeding. She had a recent rel apse of right renal clear cell adenocarcinoma by nephrectomy two months ago. The exam shows a pediculated lesion of the inferior third of vagina of 3 cm that was bleeding. A pelvic ultrasound didn’t show any associated lesion in the uterus and the vagina. MRI shows another isolated vaginal lesion. A PETscan was done showing no other localisation. An excision of lesions had been done under general anesthesia. The pathology conclusion was metastasis in relation to clear cell of renal adenocarcinoma. She went for angiogenic traitement but died 6 months later from pulmonary metastases.

Litterature Review
The literature review was done on uMed with key words (renal adenocarcinoma in relation to uterus polyps and vagina), the association with vaginal localisation is more frequent than with the uterus polyps. In conclusion, this is a very rare and uncommon situation that we are reporting. In most publication, when metastasis are found in the pelvis, usually are found other sites metastasis (lung, hepatic,..). This pelvic findings are in relation with bad prognosis of the disease.

Discussion
That unusual metastatic situation is usually seen in multi-metastatic situation. Discovering a pelvic localisation seem to deal with bad outcome. Those two clinical case are unusual but had been describe, this is the fifth cases ever describe in literature.

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