



SKIN CANCER (OTHER THAN MELANOMA)

## KAPOSI DISEASE IN GENITALS: ABOUT A RARE CASE

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**Background:** Kaposi disease is a proliferative and multifocal disease with a dual component of vascular and fibroblastic cells. In its classic form, called Mediterranean, it mainly affects the lower limbs, rarely the mucous membranes and exceptionally the genital area. We report an interesting case of Kaposi disease localized in genitals.

**Observations:** We report a case of a 66-year-old man, who consulted for lesions of the lower limbs and genital area evolving for 14 years. Clinical examination objectified angiomatous and infiltrated plates associated with lymphoedema in both lower limbs. The same lesions have been noted in the glans and penis with lymphoedema too. The rest of dermatological and general examination was normal. Dermoscopic examination revealed a rainbow aspect which is specific of Kaposi disease. Histology and immunopathology revealed a Kaposi disease with positive HHV8. Radiological examination and laboratory tests were all normal and HIV serology negative. A treatment by Bleomycin was instituted.

**Key message:** Kaposi's disease is a proliferative and multifocal disease with a dual component of vascular and fibroblastic cells. It has cutaneous and visceral manifestations. In its classic form, called Mediterranean, it mainly affects the lower limbs, rarely the mucous membranes and exceptionally the genitals. Genital involvement in Kaposi disease has been mainly described in immunocompromised patients with positive HIV status. Only few cases of genital localization of Kaposi disease have been reported in seronegative patients, mainly in the penis, bursa and vulva. Therapeutic management is similar to this of the classical form. Some authors have also reported the effectiveness of cryotherapy and radiotherapy. This special localization of kaposi disease, affects considerably the patient's psychological state and his social and sexual life.

