

中文題目：個案報告-一種罕見的攝護腺平滑肌肉瘤的治療

英文題目：The treatment of Prostate leiomyosarcoma -case report

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Introduction: The most frequent form of prostate cancer is prostatic adenocarcinoma which accounts for 90 to 95% of prostate cancer. Prostate leiomyosarcoma accounts for less than 0.1% of primary prostate malignancies. Prostate leiomyosarcoma is an extremely rare and highly aggressive neoplasm.

Case presentation: A 62-year-old male denied any systemic disease before. He suffered from difficulty in voiding and acute urine retention intermittent. The TURP was performed, and the pathologic report showed prostate leiomyosarcoma. The tumor was progressive growth in 1 month. Then the robotic assisted radical prostatectomy with bilateral pelvic lymph node dissection was done. After discussion with the patient, the 2 course adjuvant chemotherapy with Doxorubicin and Ifosfamide was performed. However, due to disease progression, the treatment with Pazopanib and radiotherapy was performed. Now, the disease status is under stable disease.

Discussion: Prostate leiomyosarcoma is an extremely rare and highly aggressive neoplasm. Until now, no standard treatment recommendation for the Prostate leiomyosarcoma. According to PALETTE trial, the metastatic sarcoma treated with Pazopanib can improved progression free survival. The immunotherapy in sarcoma is pending further research.