



ADVERSE DRUG REACTIONS, INCLUDING SJS, TEN

NEGATIVE STI WORK-UP IN A YOUNG MAN WITH URETHRITIS: A CASE REPORT OF A RARE ADVERSE REACTION

I Maatouk⁽¹⁾ - R Ballout⁽²⁾

De Montfort University, Faculty Of Health And Life Science, Leicester, United Kingdom⁽¹⁾ - American University Of Beirut, Faculty Of Medicine, Beirut, Lebanon⁽²⁾

Introduction: We report 2 cases of most probably meatitis in different patients following isotretinoin intake, a rarely reported side effect.

Case 1: A 23-year-old male is treated for nodulo-cystic acne with isotretinoin. He was administered 40mg / day during the first month increased to 60mg / day from the 2nd month. Ten days later, he presented for meatitis and burning sensation without balanitis. He had 1 unprotected oro-genital intercourse few weeks before his presentation. He had no history of other drug intake. STD tests were negative. The suspension of isotretinoin relieved the patient. A dose of 40 mg / day was not associated with a re-emergence of his symptoms. An STD urine test was negative one month later.

Case 2: A 27-year-old man treated with isotretinoin for nodulo-cystic acne (60mg / day) presented 2 weeks after the beginning of his course for burning penis and clear discrete early discharge without balanitis. He had no other drug intake, no sexual contact in the last 3 years. Urinary STD tests were negative. The suspension of isotretinoin relieved the patient. A gradual increase of the dosage from 40 to 60 mg/day was responsible for a re-emergence of symptoms. An STD urine test was negative one month later.

Conclusion: Isotretinoin has revolutionized the management of acne. Dose-dependent side effects are mostly related to dryness. According to Rademaker, 18.5% of the 1743 patients treated with isotretinoin and included in the retrospective study did not experience any side effect. In the same population, 12% were suffering from eczema. Meatitis secondary to isotretinoin has rarely been described. It would have the same pathophysiology of cheilitis much more frequent after initiation of the treatment. In the STD screening clinic, the search for isotretinoin is often forgotten. Another misleading factor is the frequency of meatitis/discharge with undetected pathogen.

