



INFECTIOUS DISEASES (BACTERIAL, FUNGAL, VIRAL, PARASITIC, INFESTATIONS)

## ATYPICAL ZOSTER: ABOUT THREE CASE REPORTS

*Khadija Elboukhari<sup>(1)</sup> - Hanane Baybay<sup>(1)</sup> - Sara Elloudi<sup>(1)</sup> - Zakia Douhi<sup>(2)</sup> - Fatima Zahra Mernissi<sup>(1)</sup>*

*University Hospital Center Hassan II, Dermatology, Fez, Morocco<sup>(1)</sup> - University Hospital Center Hassan II, Dermatology, Fez, Morocco<sup>(2)</sup>*

**Introduction:** The VZV virus (varicella zoster virus) is a virus of the alpha herpes viridae family. Varicella is the primary infection and zoster is the result of reactivation of the persistent virus in the latent state at the level of sensory ganglia. likely due to a deficiency of VZV-specific cell-mediated immunity. We report three atypical cases.

**Case report 01:**

29-year-old patient, followed for retroviral HIV infection, receiving a triplet antiretroviral combination, having been hospitalized for management of a febrile vesicular eruption. Dermatological examination revealed a shingles like rash of the left sciatic nerve territory; associated with vesicles on the rest of the body. Then the diagnosis of a combination of varicella and shingles was accepted.

**Case report 02:**

18-year-old patient followed for refractory Hodgkinian lymphoma who received two series of chemotherapy who had a febrile vesicular eruption 10 days after the last course of BEAKOP, the patient complained of pelvic pain without urogenital signs, dermatological examination, it was a single of the territory of the left sciatic nerve with a generalized vesicular rash over the whole of the predominant body on the forearms and the trunk, the diagnosis of spread shingles was then retained.

**Case report 03:**

A 52-year-old female patient was followed in internal medicine for a high-grade lymphoma B lymph node, receiving the BEAKOP protocol, who shoes on the day of her 5th chemotherapy treatment, a left thoracobrahcial metameric zoster associated with a disseminated vesicular rash.

**Conclusion:** Zoster is a reactivation of the latent VZV virus. The role of cell-mediated immunity in antiviral immunity is proven, as humoral immunity is not always sufficient to provide protection against VZV. That's suggest that a deficiency of cellular immunity are likely to develop more severe or atypical forms in their clinical or evolutionary presentation.

