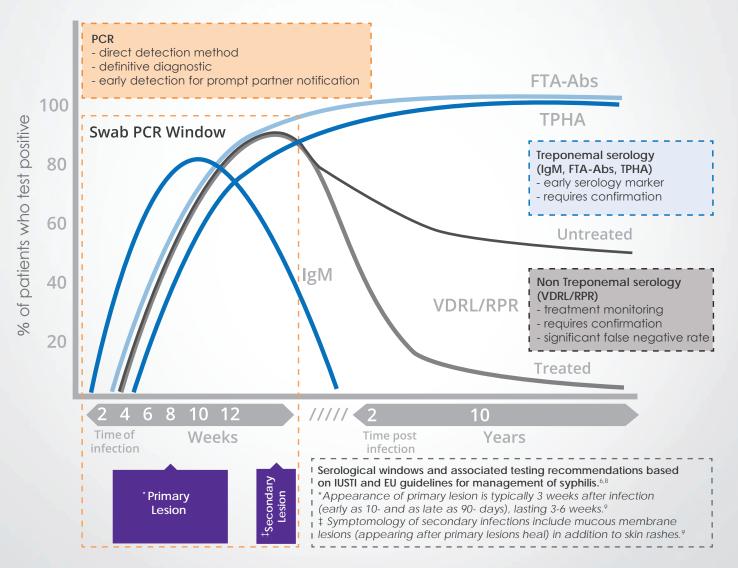
Syphilis on the rise

- Infection with the bacterium Treponema pallidum (TP), which causes syphilis, is now the second most likely cause of genital ulceration.¹
- This past decade has seen a major increase in syphilis infection rates, reaching levels not seen since the 1940's.²⁻⁴
- ▶ Syphilis lesions can present atypically, be painful, and appear indistinguishable from herpes.⁵⁻⁷
- Dark-field microscopy is not suitable for oral or anal lesions, and is a skilled technique requiring experienced operators.^{6,8}

Serology is not a definitive diagnostic tool





Genital/Oral Lesions Diagnostic challenges

- Ulcerations or lesions in the ano-genital and oral regions can be caused by a variety of bacterial and viral infectious agents.^{1,10}
- Symptomatic diagnosis of genital ulcers is often unreliable, with accuracy ranging from 33 to 80%.¹¹⁻¹³
- ▶ Herpes simplex viruses (HSV-1 & HSV-2) are the most prevalent causative agents, however reported syphilis cases are increasing, particularly in high-risk populations.^{1-4,14-16}
- Nucleic acid amplification tests (NAATs) can improve accuracy of ano-genital ulcer diagnosis.^{1,6,8,10,17}

Treatment pathways differ significantly. Accurate diagnostics will inform appropriate patient management and improve patient outcome.^{6,10,18,19}

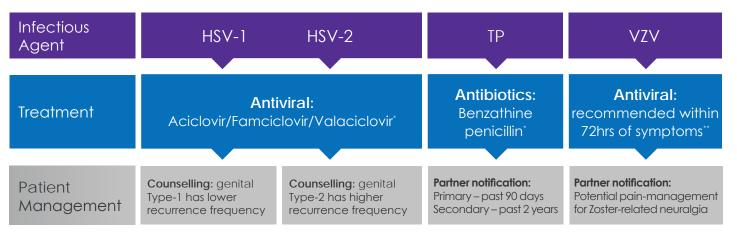


Syphilis infection rates increasing worldwide^{2,3}



HSV-1 becoming more prevalent in genital infections^{20,21}

1-3% genital lesions may be atypical zoster (VZV) presentations^{18,22,23}



Variations in patient management for different etiological agents of genital and oral lesions

Based on IUSTI guidelines for management of HSV and Syphilis **Based on EU guidelines for the management of Herpes Zoster²³

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