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Pelvic Abscess Secondary to Mycoplasma hominis following Vaginal Laceration

Vini Vijayan, MD, Gail L. Woods, MD, Dale R. Donnell, José R. Romero, MD

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ABSTRACT:

Background: *Mycoplasma hominis* frequently colonizes the urogenital and respiratory tracts of healthy individuals. It has also been associated with genitourinary tract and extra-genital syndromes.

Case: We present a 14-year-old girl who developed a pelvic abscess secondary to *M. hominis* following a vaginal laceration during sexual intercourse. Despite drainage and broad spectrum antimicrobial therapy, the patient remained symptomatic until *M. hominis* was identified and specific therapy instituted.

Summary and Conclusion: Healthcare providers need to be aware of the potential for *M. hominis* as a causal agent in patients presenting with pelvic abscesses following vaginal trauma. This case highlights the challenges that exist in the diagnosis and treatment of *M. hominis*, as bacterial cultures are often negative and empiric antimicrobials do not provide adequate antimicrobial coverage.

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