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Escherichia Coli (E. Coli) Associated Hematogenous Sternoclavicular Joint Osteomyelitis: A Rare Condition With A Rare Causative Pathogenic Microorganism

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Escherichia coli is the most common microorganism that causes urinary tract infections (UTIs), including acute prostatitis. However, E. coli osteomyelitis, especially ones that involve sternoclavicular joint, are rare hematogenous complications. We present a case of an immunocompetent man who presented with symptoms of UTI and right shoulder pain. Urine cultures and blood cultures grew E. coli. There was also radiographic evidence of a large prostatic abscess and a right sternoclavicular joint osteomyelitis. Our patient was treated with antibiotic and improved clinically. This case is noteworthy given the rarity of both the condition as well as the causative pathogenic agent. It is important for clinicians to be aware of E. coli sternoclavicular osteomyelitis in adults with preceding bacterial prostatitis.

Biography

Tyler Luu is an internal medicine resident at the Loyola University Chicago. He has a profound passion for infectious disease, His work in research has a focus on bacteriology, antibiotics and antibiotic stewardship.

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