Parsonage-turner syndrome due to acute hepatitis E infection

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We report a case of a 59-year-old male, with no past medical history and foreign travel, who presented with a 1 week history of left arm weakness and numbness followed by an inability to contract his biceps for duration of 48 hours. These symptoms occurred after eating Pork Ribs at a local restaurant 2 weeks ago. On presentation, he was jaundiced and his liver function tests demonstrated a hepatitis-like picture. He had a positive hepatitis E PCR result. His diagnosis was brachial neuritis secondary to acute hepatitis E infection. Viral hepatitis E infection has been reported in 10% of patients with brachial neuritis. According to the most recent case report, an article published in April 2017 in the Journal of NeuroVirology, only 9 such cases have been reported in the UK. We therefore possibly reported the 10th case of hepatitis E associated brachial neuritis in the UK in a non-immunocompromised patient without any past medical history. This case again reminds us to consider hepatitis E infection in a patient presenting with neurological signs and deranged liver function tests.

Biography

Areeb Khan has completed his MBBS from Barts and The London School of Medicine and Dentistry and his Postdoctoral studies from Stanford University School of Medicine. He is currently a core Medical trainee at the Chesterfield Royal Hospital, UK.

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