

Review on the HMPV Virus Prevention, Management and Diagnosis of their Symptoms

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Abstract: *A serious respiratory disease that affects people of all ages, but especially small children, the elderly, and those with weakened immune systems, is the human metapneumovirus (HMPV). The symptoms of an HMPV infection can vary from moderate to severe, and can include fever, coughing, and dyspnoea. The main routes of transmission include respiratory droplets, contaminated surfaces, and close contact. The most common molecular assays used for diagnosis are PCR and RT-PCR. The main goals of supportive treatment are symptom relief and problem management. Controlling the spread of HMPV requires preventative measures such immunization, hand cleanliness, and infection control procedures. An overview of HMPV's epidemiology, transmission, diagnosis, treatment, and prevention is given in this review, emphasizing the need for more study and education on this important respiratory virus.*

Keywords: Human Metapneumovirus, HMPV, respiratory droplets, epidemiology, transmission, diagnosis, treatment, prevention