2009 H1N1 Influenza

Updated Interim Recommendations for the Use of Antiviral Medications in the Treatment and Prevention of Influenza for the 2009-2010 Season

January 28, 2010

Introduction

The California Department of Public Health (CDPH) has reviewed and concurs with the Centers for Disease Control and Prevention’s (CDC) "Updated Interim Recommendations for the Use of Antiviral Medications in the Treatment and Prevention of Influenza for the 2009-2010 Season" released on December 7, 2009. These recommendations focus on the use of antiviral medications for the treatment and chemoprophylaxis of influenza. The recommendations contain the following updates:

- Information regarding use of intravenous peramivir under an emergency use authorization
- Information on availability of renal dosing for peramivir
- Updated oseltamivir dosing instructions for children younger than 1 year of age based on weight
- Antiviral treatment and chemoprophylaxis considerations for patients vaccinated with 2009 H1N1 and seasonal influenza vaccines
- Guidance on early empiric antiviral treatment for patients with progressive or severe influenza-like illness, regardless of underlying medical conditions
- Guidance on early empiric antiviral treatment patients with underlying medical conditions placing them at risk for complications
- Clarification of treatment considerations for patients with illness longer than 48 hours

Additional Recommendations

- CDPH Pandemic (H1N1) 2009 Health Alert Update for Healthcare Providers and Clinicians (July 22, 2009) (http://www.cdph.ca.gov/HealthInfo/discond/Documents/CDPH_H1N1_HealthAlert072209.pdf)
  - Provides recommendations on antiviral use in obese patients
World Health Organization – Pandemic (H1N1) 2009 Briefing Note 18: Oseltamivir Resistance in Immunocompromised Hospital Patients (December 2, 2009)

- Recommendations for treatment of severely immunosuppressed patients
- Antiviral treatment and chemoprophylaxis considerations for severely immunosuppressed patients if an oseltamivir resistant virus is detected in a ward

Additional Resources

CDPH H1N1 Influenza Homepage (http://www.cdph.ca.gov/HealthInfo/discond/Pages/H1N1Home.aspx)