



CLINICIAN UPDATE, August 25, 2006

THE WEST NILE FILE

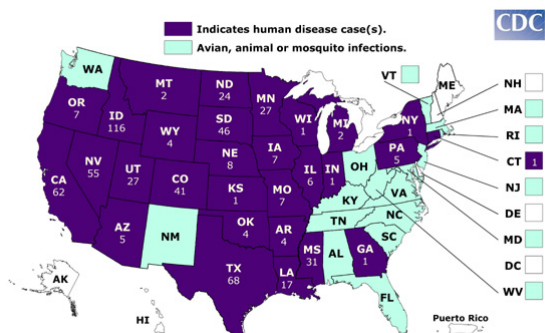


Orange County Health Care Agency, Epidemiology & Assessment, 1719 W. 17th St. Santa Ana, CA 92706, (714) 834-8180

Orange County has confirmed its first symptomatic human West Nile Virus (WNV) cases of 2006. Consider WNV infection in your patients with aseptic meningitis, encephalitis, acute flaccid paralysis, or prolonged fever (> 7 days) and submit serology for WNV testing.

- Two cases of West Nile Neuroinvasive Disease (WNND) were recently confirmed in Orange County.
 - A 24-year-old resident of Orange became ill the first week of August with symptoms of WNND. He was hospitalized for treatment and is recovering at home.
 - An 85-year-old resident of Anaheim experienced symptoms of WNND beginning the first week of August. He remains hospitalized.
- An asymptomatic WNV infection was reported earlier this year in a blood donor who was identified through routine blood screening at the time of donation.
- **Diagnosis of WNV** is made by serology (IgM or paired acute and convalescent IgG).
- **Treatment** is mainly supportive care. Clinical trials are available for WNND; see www.ochealthinfo.com/epi/wnv/WNVtrials.pdf or <http://www.cdc.gov/ncidod/dvbid/westnile/clinicalTrials.htm>. For information on WNV management, visit <http://pier.acponline.org/physicians/public/d951/d951.html>
- **WNV infection [including West Nile Fever (WNF), WNND, and asymptomatic blood donation]** is a reportable disease and should be reported to OC Epidemiology by phone 714-834-8180 or fax 714-834-8196 within one working day. Aseptic meningitis and encephalitis of any etiology are also reportable diseases and should be reported within the same timeframe.

West Nile Virus Activity in the US
(Reported to CDC as of August 22, 2006)



2006 WNV – Orange County, California, & U.S.

- **Orange County** has reported two WNND cases and one asymptomatic blood donor.
- **California** has reported 96 human cases from the following counties: Butte (5), Colusa (1), Contra Costa (3), El Dorado (1), Fresno (5), Glenn (3), Kern (25), Kings (1), Los Angeles (2), Merced (1), Modoc (1), Mono (1), Orange (2), Placer (2), Riverside (1), Sacramento (5), San Joaquin (5), Santa Clara (1), Solano (2), Stanislaus (4), Sutter (6), and Yolo (19).
- 49/58 **CA** counties have reported WNV activity.
- 581 human cases and 19 deaths have been reported to the CDC from mostly the Central and Western **United States** as of August 22nd.

Educate your patients, friends and family about WNV prevention -- avoiding mosquito bites:

- Eliminate standing water on your property as this is where mosquitoes breed. Drain pots, unclog gutters, and keep swimming pools clean and chlorinated or drained and covered.
- Make sure that door and window screens are in good condition to keep the mosquitoes out.
- When outdoors, use an insect repellent containing DEET, picaridin, or oil of lemon eucalyptus. Always follow the product directions on the label.
- For more information about prevention: www.ochealthinfo.com/epi/wnv/Repellent.pdf.

Recommended Resources

Orange County Health Care Agency:
www.ochealthinfo.com/epi/wnv

Orange County Vector Control District:
www.ocvcd.org or Ph: 714-971-2421
To report dead birds: X117

California Department of Health Services:
www.westnile.ca.gov

Centers for Disease Control and Prevention:
www.cdc.gov/ncidod/dvbid/westnile

If you have any comments about the flyer, contact John Janeski, MPH or Sandra Nutter, MPH at (714) 834-8180. To receive this newsletter by email, please contact us at epi@ochca.com.