

Patient Product Information  
JENVAC<sup>®</sup>

Purified Japanese Encephalitis Inactivated Vaccine  
Generic name: [Japanese Encephalitis Vaccine]

Read this information with care before getting JENVAC<sup>®</sup>. You (the person getting JENVAC<sup>®</sup>) will need 1 dose of the vaccine. It is important to read this leaflet when you get each dose. This leaflet does not take the place of talking with your health care provider about JENVAC<sup>®</sup>.

**What is Japanese encephalitis?**

Japanese encephalitis is viral infection caused by the mosquito borne Japanese encephalitis (JE) virus, resulting in fever, headache and in severe cases it causes infection of the brain (encephalitis).

**How common is Japanese encephalitis infection?**

According to the World Health Organization (WHO) estimates, Japanese encephalitis is the leading cause of viral encephalitis in Asia with up to 700,000 cases reported annually. Japanese encephalitis is common in certain regions of India, resulting in death in 15% of the cases.

**How is Japanese encephalitis transmitted?**

Japanese encephalitis is spread by bite of mosquitoes infected with the JE virus. Infection can be transmitted to humans from pigs and wild birds that act as a reservoir for the infection.

**What are the symptoms of Japanese encephalitis?**

Japanese encephalitis initially causes severe chills, fever and headache. Spread of the virus to the brain results in very high fever of up to 41°C (105°F), convulsions, coma and may lead to death.

**What are the treatments available for Japanese encephalitis?**

There is no specific treatment available for Japanese encephalitis. Only supportive care can be given to manage the symptoms.

### **How can Japanese encephalitis be controlled?**

Prevention of disease by vaccination is the most effective way to control Japanese encephalitis.

### **Are the current Japanese encephalitis vaccines safe and effective?**

Currently two varieties of JE vaccines are available in India. One vaccine is prepared from mouse brains and the other vaccine is a live virus vaccine. Both the vaccines provide varying levels of protection and there are safety concerns with the mouse brain derived vaccine. Clinical trials have shown the JENVAC<sup>®</sup> vaccine to be safe and well tolerated.

### **What is JENVAC<sup>®</sup>?**

JENVAC<sup>®</sup> is an inactivated vero cell derived vaccine prepared from an Indian strain of the Japanese encephalitis virus. JENVAC<sup>®</sup> is safe and highly effective vaccine that protects against all the known strains of Japanese encephalitis.

### **Who should take Japanese encephalitis vaccine?**

JENVAC<sup>®</sup> is approved for use in children and adults above one year of age. JENVAC<sup>®</sup> is recommended for persons residing in or traveling through areas that are known to be endemic for Japanese encephalitis.

### **What is the dosage schedule for JENVAC<sup>®</sup>?**

Two injection regimen of JENVAC<sup>®</sup> vaccine, with the second dose given 28 days after the first dose has been shown to be effective. A booster dose is recommended 1 year later.