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**Implementation:** To be determined by each Service

## **Change Notification UK National Blood Services No. 9 - 2010**

# **West Nile Virus (WNV)**

### **Applies to all Donor Selection Guidelines.**

<b>Definition</b>	West Nile Virus (WNV) endemic areas are shown in the Geographical Disease Risk Index (GDRI) and any associated Change Notifications.
<b>Obligatory</b>	<p><b>Must not donate if:</b></p> <p>It is less than six months from a donor's return from a WNV endemic area and the donor has been diagnosed with WNV whilst there or following their return to the UK.</p> <p>It is less than six months from a donor's return from a WNV endemic area and the donor has either had a history of symptoms suggestive of WNV whilst there or following their return to the UK.</p> <p>In other cases it is less than four weeks from a donor's return from a WNV endemic area.</p>
<b>Discretionary</b>	<p>All donors may be accepted six months after their return from an affected area. This may be reduced to four weeks if they have had neither symptoms nor evidence of infection.</p> <p>For donors who have been back in the UK for less than four weeks, who have not been infected, and who have not had symptoms suggestive of WNV infection, if a validated NAT for WNV is negative, accept.</p>
<b>See if relevant</b>	Geographical Disease Risk Index
<b>Additional Information</b>	West Nile Virus is a flavivirus, similar to Dengue, which causes a wide spectrum of infection. This may range from no or minimal symptoms to death. It is geographically widespread. In the last year there has been a significant outbreak in Greek Macedonia. In recent years North Eastern Italy in the provincial districts of Ferrara, Rovigo, Mantua, Modena, Bologna and Reggio Emilia (an area north of Rimini and east of Parma) have also been affected. It has also reached epidemic proportions in North America in recent years. There it has caused illness and death post

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transfusion and post transplantation of tissues and organs. It is spread by mosquitoes and so is more prevalent at times of the year when mosquitoes are active.


As the problem can vary both in relation to geography and time of the year it is not possible to state areas from which donors need to be deferred and dates of disease activity. These are provided in the Geographical Disease Risk Index and associated Change Notifications.


A Position Statement on West Nile Virus (WNV) is available in the JPAC Document Library.

**Reason for Change** The entry has been revised following the outbreak in Greek Macedonia.

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