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Implementation: To be determined by each Service

Change Notification UK National Blood Services No. 6 – 2007

Chikungunya Virus

Applies to all Donor Selection Guidelines.

Definition Chikungunya endemic areas are shown in the Geographical Disease Risk Index (GDRI) and any associated Change Notifications.

Obligatory **Must not donate if:**
It is less than six months from a donor's return from a chikungunya endemic area and the donor has been diagnosed with chikungunya whilst there or following their return to the UK.

It is less than six months from a donor's return from a chikungunya endemic area and the donor has either had a history of symptoms suggestive of chikungunya whilst there or following their return to the UK.

In other cases it is less than four weeks from a donor's return from a chikungunya endemic area.

Discretionary 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.

See if relevant Geographical Disease Risk Index
Malaria
South American Trypanosomiasis Risk
Infection – Tropical

Additional Information Chikungunya is an alpha virus that can cause a wide spectrum of disease. This may range from no or minimal symptoms to death. Most commonly it causes arthritis (typically in the knee, ankle and small joints of the extremities), high fever, and a maculopapular rash.

It is geographically widespread but has reached epidemic proportions in parts of India and islands in the Indian Ocean since 2005. It is known to be spread by blood in symptomatic cases and on theoretical grounds could be spread



by transfusion and transplantation of tissues and organs from people with pre-symptomatic or asymptomatic disease. A number of visitors returning from endemic areas to the UK have been diagnosed with this infection. It is spread by the same day-biting mosquitoes as dengue. 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 Chikungunya is available in the JPAC Document Library.

Reason for Change

The entry has been revised following the publication of the Geographical Disease Risk Index and an outbreak in North-eastern Italy in the summer of 2007.

Dr Brian McClelland

Professional Director - Joint UKBTS/NIBSC Professional Advisory Committee

Direct Dial: (0131) 536 6002

E-mail: Brian.McClelland@snbts.csa.scot.nhs.uk