

Issued by JPAC: 26 April 2022

Implementation: To be determined by each Service

## Change Notification UK National Blood Services No. 19 - 2022

# Indwelling Shunts and Stents and Implanted Devices

These changes apply to the Whole Blood and Components Donor Selection Guidelines.

Please amend the following entry as shown.

<i>Applies to:</i>	<p><b>Shunts</b></p> <ul style="list-style-type: none"> <li>For hydrocephalus e.g. ventriculo-peritoneal, -atrial, -pleural and lumboperitoneal shunts</li> </ul> <p><b>Stents</b></p> <ul style="list-style-type: none"> <li>Vascular stents including coronary artery stents</li> <li>Urinary tract stents including ureteric stents</li> <li>Ophthalmic stents including nasolacrimal and Schlemm canal stents</li> </ul> <p><b>Pacemakers</b></p> <ul style="list-style-type: none"> <li>cardiac pacemakers</li> <li>gastric pacemakers</li> </ul> <p><b>Implanted neuromodulator and nerve stimulator devices used for:</b></p> <ul style="list-style-type: none"> <li>neuropathic pain – includes spinal cord and peripheral nerve stimulators</li> <li>bladder dysfunction - includes sacral nerve stimulators</li> </ul> <p>gastroparesis – sometimes referred to as gastric pacemakers</p>
<i>Obligatory</i>	<b>Must not donate</b>
<i>Discretionary</i>	<p>a. If the indication for an implanted neuromodulator device does not preclude donation and the site of implantation is fully healed, accept.</p> <p>If an ophthalmic stent has been successfully inserted with good effect, the area has fully healed and there is no infection, accept.</p>
<i>Additional Information</i>	<p>Some <b>Indwelling</b> shunts and stents can be a source of bacterial infection due to their location in the body and infection <b>This</b> can be present without symptoms. Bacteria can be a serious threat to anybody receiving blood or blood components. This is because bacteria can multiply to dangerous levels after collection.</p>

	<p>Implanted neuromodulator devices and some stents are not a covert infection risk once the implantation site is fully healed and there are no signs of infection or inflammation.</p> <p>Care should be taken to ensure that the underlying condition that requires the use of a neuromodulator device does not preclude donation, and that the donor is well at the time of donation.</p>
<i>See if relevant</i>	<p>Arrhythmia Cardiovascular Disease Eye disease Gastrointestinal Disease Kidney and Bladder Disease Neurosurgery Spina Bifida</p>
<i>Reason for change</i>	<p><del>This is a new entry.</del></p> <p>Addition of advice for donors with neuromodulator devices and some stents that may be accepted.</p>

#### A-Z index changes:

Please add the following keywords as links to this entry:

- Implanted devices
- Pacemaker
- Nerve stimulator devices
- Neuromodulator devices

Please change the 'Implanted electrodes' index entry to link to this entry and remove the link to the Neurosurgery entry.

#### Other entries:

A 'see if relevant' link to this revised topic will be added to the following entries in the WBDSG:

- Arrhythmia
- Cardiovascular disease
- Eye disease
- Gastrointestinal disease
- Kidney and Bladder disease
- Neurosurgery
- Pain killers
- Spina Bifida



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