

SHOT news item:

### **Amber alert declared in England for Group O stocks on 25 July 2024**

NHSBT have declared an amber alert effective immediately for O group stocks. Following the cyber-attacks on London hospitals and after several days of low O neg stocks, [NHS Blood and Transplant \(NHSBT\)](#) has issued **an Amber level alert for O group stocks** asking hospitals to restrict the use of O type blood to essential cases and use substitutions where clinically safe to do so.

The alert came into force yesterday (Thursday 25 July) and will be kept under constant review. This is different to the previous Amber alert issued by NHSBT in 2022 which was across all blood groups and was due to a lack of capacity. This time they are seeing hospitals needing more blood components than expected and high numbers of unfilled appointments at blood donor centres and [O negative and O positive donors are asked to urgently book and fill appointments at donor centres.](#)

Guidelines for use and shortage plans for blood components in an amber alert are available on the National Blood Transfusion Committee website: [Recommendations | National Blood Transfusion Committee](#)

An Amber Alert is an important part of the NHS's business continuity plan for blood stocks. It triggers hospitals being able to:

- implement their emergency measures to minimise usage;
- move staff to laboratories to vet the use of all O type blood; and
- use patient blood management systems to minimise use of O type blood.

For more information and updates, please visit [NHS Blood and Transplant Blood Stock Status webpage.](#)

**Hospitals should report adverse incidents in patients through local governance systems, SHOT, SABRE and also with NHSBT as appropriate.**

The SHOT reporting definitions document can be found at this link: <https://www.shotuk.org/reporting/> This provides guidance for reporting instances where transfusion would have been clinically appropriate but could not be given due to lack of availability of a suitable component during recognised blood shortages. A screenshot of the relevant page is shown below:



Avoidable, delayed or undertransfusion		
<div> <div> <div>●</div> <div>Answered</div> </div> <div> <div>●</div> <div>Unanswered</div> </div> </div>		
<div>What was the primary error</div>	<div> <div> <input type="checkbox"/> Prescription based on wrong/incorrect FBC result           <input checked="" type="checkbox"/> Delay in transfusion           <input type="checkbox"/> Prescription based on wrong/incorrect coagulation screen result           <input type="checkbox"/> Potentially avoidable use of O D-negative           <input type="checkbox"/> Erroneous result from blood gas analyser/POCT device           <input type="checkbox"/> Potentially avoidable use of O D-positive           <input type="checkbox"/> Transfusion of excessive quantities of components for laboratory results           <input type="checkbox"/> Incorrect volume prescribed           <input type="checkbox"/> Transfusion of inadequate quantities of components for laboratory results and for clinical situation           <input type="checkbox"/> Incorrect rate prescribed           <input type="checkbox"/> Avoidable component prescribed           <input type="checkbox"/> Laboratory requested a repeat sample and this advice was disregarded           <input type="checkbox"/> Inappropriate management of iron deficiency           <input type="checkbox"/> Other (please specify)         </div> </div>	
<div>Delay in transfusion due to</div>	<div> <input checked="" type="checkbox"/> Logistical issues (transport/supply etc)           <input type="checkbox"/> Communication failure           <input type="checkbox"/> Lack of knowledge of organisation           <input type="checkbox"/> Waiting for check group on second sample           <input type="checkbox"/> Appropriate components not available in local stock           <input type="checkbox"/> National shortage of appropriate components           <input type="checkbox"/> Other (please specify)         </div>	<div> <input type="checkbox"/> Technical issues (lab tests etc)           <input type="checkbox"/> Delay in decision making           <input type="checkbox"/> Failure to activate MHP           <input type="checkbox"/> Sample labelling error           <input type="checkbox"/> Rare component with delay in supply           <input type="checkbox"/> Delayed recognition of the bleed/urgency         </div>
<div>How long was the delay</div>	<div></div>	

Please contact us at [SHOT@nhsbt.nhs.uk](mailto:SHOT@nhsbt.nhs.uk) if you have any queries.

Kind regards,

The SHOT Team