# ANNUAL SHOT REPORT 2016 SUMMARY



### Key recommendation 1 – Be like a pilot: use a bedside checklist as standard of care, this will prevent administration errors and is the **final opportunity** to detect errors made earlier

**Good news:** reduction in ABO-incompatible transfusions over 20 years of SHOT



**Bad news:** 26 patients died where transfusion was implicated in 2016; 16 deaths could probably have been prevented



#### Key recommendation 2 – use a TACO checklist

www.shotuk.org

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Pulmonary complications, particularly transfusion-associated circulatory overload (TACO), cause the most deaths and major morbidity. Delayed transfusions are an important cause of death, 25/115 (21.7%) 2010 to 2016



SERIOUS HAZARDS OF TRANSFUSION

See full SHOT Report (www.shotuk.org) for additional recommendations in the following chapters: Incorrect Blood Component Transfused, Information Technology Incidents, Adverse Events Related to Anti-D immunoglobulin, Immune Anti-D in Pregnancy, Acute Transfusion Reactions, Cell Salvage and Paediatric Summary.



## **Additional key SHOT messages**

LEARNING

Many errors in transfusion, some with serious clinical consequences, relate to poor communication between teams, shifts and interfaces. The infrastructure needs improvement to facilitate exchange of results within and between hospitals. IT errors contributed to 1 in 5 SAE reported. IT is not infallible, it makes transfusion practice safer by helping to control and support the task, but **does not replace knowledge** about the task. **Overview of 2016 Reports** 



23 ABO and D transplant errors in 2016;19 in haemopoietic stem cell transplants4 in solid organ transplants

#### CONTACT DETAILS

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