



24 ABO-incompatible red cell transfusions

ABO-incompatible near miss events



ANNUAL SHOT REPORT 2022 SUMMARY

ient Risk Assessment		YES	NO
s the patient have any of the following: diagnosis leart failure', congestive cardiac failure (CCF), severe aortic osis, or moderate to severe left ventricular dysfunction?			
e patient on a regular diuretic?			
s the patient have severe anaemia?			
e patient known to have pulmonary oedema?			
s the patient have respiratory symptoms of agnosed cause?			
e fluid balance clinically significantly positive?			
e patient receiving intravenous fluids eceived them in the previous 24 hours)?			
ere any peripheral oedema?			
s the patient have hypoalbuminaemia?			
s the patient have significant renal impairment?			
		YES	NO
sfusion (do the benefits outweigh the risks)?			
afely deferred until the issue is investigated, treated or			
ansfusion: Assign Actions			тіск
ed cells			
ed cells) and review symptoms			
scribed			
y, including oxygen saturation			
Time (24hr):	Due to the differences in adult and neonata physiology, babies may have a different risk for Calculate the dose by weight and observe the notes above.		or TACO.

PACE model - communication tool for graded assertiveness

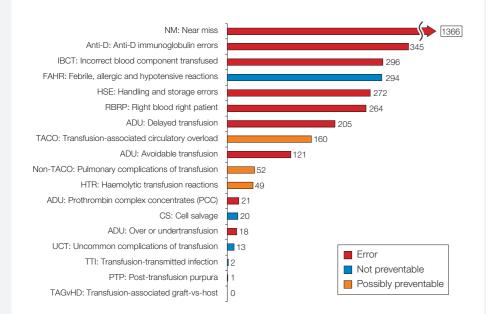
Alert Increase your volum

Challenge Formall state concerns and challenge the individual's decisio

• Get eye contact and potentially take over the tasl

Pre-administration checks - PAUSE! Patient identification Ρ Do the patient details match on ID band/patient statement/authorisation and component label? Authorisation Does it state the component type required, any specific requirements, the rate and volume. Is the date correct and authorisation signed? Unit Bit the correct component? Does the donor number on the traceability label and component match? Have traceability requirements been met? Has the unit had a visible check (clumps/leaks). Does it meet all specific requirements? S Speak up! Are there any discrepancies? If yes seek urgent advice and do not commence the transfusion. Ε Expiry Is the unit in date and will it finish by midnight of the expiry date?

Summary data for 2022, all categories (includes RBRP and NM) (n=3499)

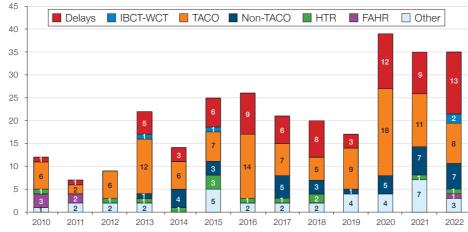


■ 1 - Possible ■ 2 - Likely/probable ■ 3 - Definite/certain TACC Pulmonar non-TACO IBCT-WCT PCC HTR FAHE UCT

HTR=haemolytic transfusion reactions; FAHR=febrile, allergic and hypotensive reactions; UCT=uncommon complications of transfusion, TACO=transfusion-associated circulatory overload; IBCT-WCT=incorrect blood component transfused-wrong component transfused;

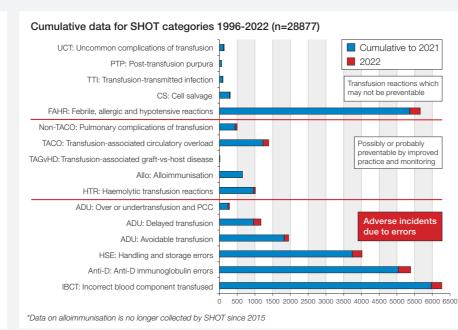
Transfusion-related deaths 2010-2022 (n=282)

TACO and delays are the most prevalent causes of transfusion-related deaths year on year.

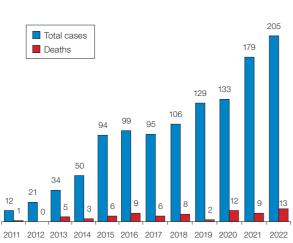


IBCT-WCT=incorrect blood component transfused-wrong component transfused; TACO=transfusion-associated circulatory overload; HTR=haemolytic transfusion reaction; FAHR=febrile, allergic and hypotensive reactions

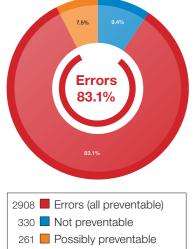
Delavs include 1 delay due to PCC in 2019; 'Other' includes 1 each for post-transfusion purpura, transfusion-associated graft-versus-host disease (2012) and anti-D lg related: there were 8 in the avoidable, over or undertransfusion category. 3 transfusion-transmitted infections. 2 PCC administration errors and 20 deaths related to other unclassified reactions



Delayed transfusions by year 2011 to 2022







Deaths related to transfusion with imputability reported in 2022 (n=35)

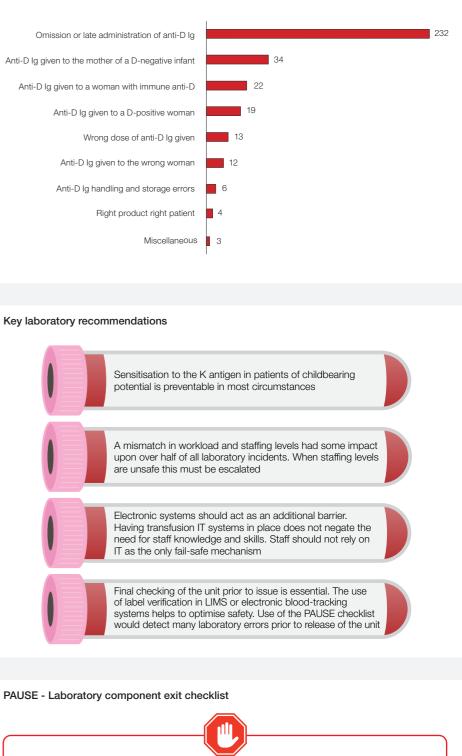
Omission or late administration of anti-D lo

PCC=prothrombin complex concentrates





Distribution of anti-D Ig related error reports in 2022 (n=345)



PATIENT IDENTIFICATION Are all the details correct and match on sample/form/label/LIMS?

AUTHORISED Have all required tests been completed and authorised. including antibody investigation?

UNIT NUMBER Does the unit number match the compatibility label?

SELECTION OF COMPONENT Is it as requested? Is it ABO AND D compatible? Does it meet all specific requirements?

EXPIRY

Will the unit expire before required date/time? Will sample expire before required date/time?