

**Thank you** to all hospitals that provided a response to our frozen component inventory practice survey. The purpose of this survey was to obtain qualitative data from hospitals on their current inventory management practices for frozen components that may be contributing to the changes observed in the issues and wastage data.

## Inventory Practice Survey – Recommendations



Promote BSH guidance for storage and utilisation of **thawed FFP**:

Store thawed FFP for **up to 5 days** to use for patients with major unexpected bleeding or **24 hours** for other indications

BSMS to develop FFP and cryo **usage categories** to allow benchmarking



BSMS to explore **updating wastage categories** to capture changes in practice

Conserve AB plasma – promote the evidence for utilisation of **compatible blood group plasma** for MHP or major unexpected bleeding in unknown ABO group patients.  
i.e. **Group A HT Neg**

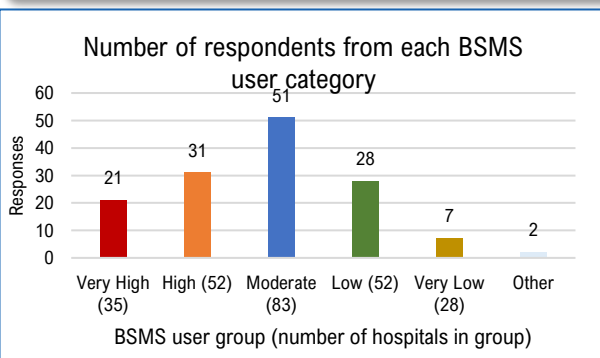


BSMS to promote and assist hospitals with FFP and cryo data entry in **Vanesa** for:



- Stock
- Wastage
- Movement

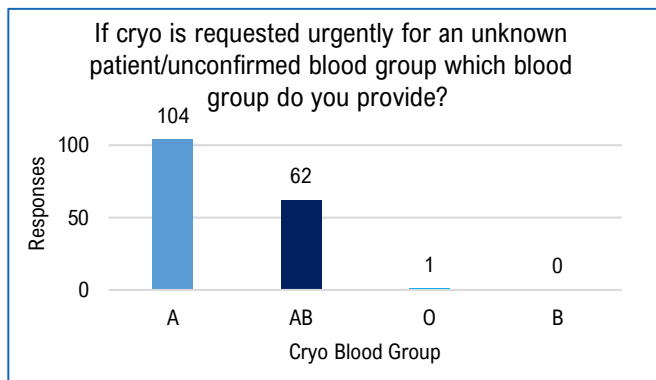
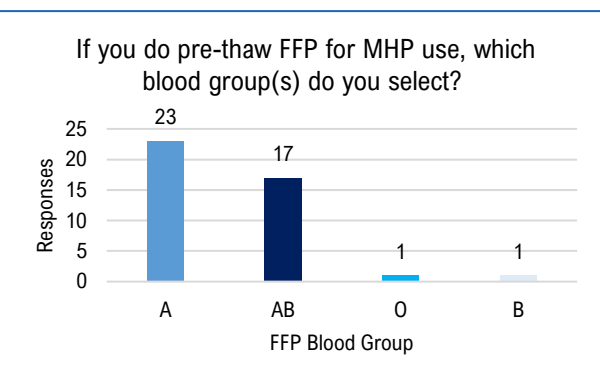
## Inventory Practice Survey – Result Highlights



We received **141** responses with an average time of 14 minutes to complete the survey.



The survey was mainly completed by a Transfusion laboratory manager (75) or Senior BMS/Transfusion Lead (53).



Pre hospital care was supported by 24/141 (17%) hospitals.



A variety of components are issued for pre-hospital care, including O Neg and O Pos RBC, thawed FFP, lyophilised plasma and fibrinogen concentrate.

To provide clotting factor support some hospitals stock alternative components to FFP and cryo such as:



- Fibrinogen concentrates
- Lyophilised plasma
- Solvent detergent treated FFP (SDFFP)

## Why do we request survey participation from BSMS hospitals?

Your information on current practices is important to help shape future BSMS developments and gain better understanding of the context of practices surrounding the BSMS data.

We will be circulating survey results and recommendations to hospitals and within NHSBT. A full report and summary report are available on the BSMS website.



### References

Green, L., Bolton-Maggs, P., Beattie, C., Cardigan, R., Kallis, Y., Stanworth, S.J., Thachil, J. and Zahra, S. (2018), British Society of Haematology Guidelines on the spectrum of fresh frozen plasma and cryoprecipitate products: their handling and use in various patient groups in the absence of major bleeding. *Br J Haematol*, 181: 54-67. <https://doi.org/10.1111/bjh.15167>

Dunbar, N.M., Yazer, M.H. and (2017), Safety of the use of group A plasma in trauma: the STAT study. *Transfusion*, 57: 1879-1884. <https://doi.org/10.1111/trf.14139>

Chhibber, V., Greene, M., Vauthrin, M., Bailey, J. and Weinstein, R. (2014), Group A Plasma for Emergency Release. *Transfusion*, 54: 1751-1755. <https://doi.org/10.1111/trf.12537>

Come and say hello to us at the **SHOT symposium** on 4<sup>th</sup> July, Etihad Stadium, Manchester. We will be there to answer any inventory management queries as well as providing VANESA demonstrations to show you how to get the most out of your data that you enter into the system.



Look out for us on one of the stalls 😊



**Are you performing any inventory management quality improvement programmes, reviewing your stock levels and managing wastage? We want to hear from you!**

**Sharing good practice is key to helping us all improve our processes and conserve our blood stocks. Please let us know if you would like to share your success story on our website <https://www.bloodstocks.co.uk/>**

## New member of the Blood Stocks Management Team

We would like to welcome our new Data Analyst to the BSMS team – Mitchell Cooke who is here to compliment our ongoing processes, offering new insights into how we manage, report and display your data.

## BSMS Education Day Introduction to smarter inventory management

Free 1 day online course for State registered Health Care Professionals provided by the Blood Stocks Management Scheme and Patient Blood Management team. An awareness of VANESA is essential.

Course content includes:

- Understanding the role of Blood Stocks Management Scheme – Aims and objectives
- VANESA – Features and navigation of the web-based data management system, employed by BSMS, including a live demo
- Calculating your nominal stock, issuable stock index data and WAPI
- Considerations for setting appropriate stock levels, both red cell and platelets
- Ordering patterns and management of stocks
- Challenges within the blood supply chain
- Discussion around the reasons and types of wastage and what we can do to minimize wastage
- The role of Patient Blood Management
- Emergency planning
- Participation in scenario-based case studies and tasks
- Questionnaire and self-assessment



### Dates:

Wednesday 28<sup>th</sup> June 2023  
Tuesday 12<sup>th</sup> September 2023  
Thursday 9<sup>th</sup> November 2023

Please register your interest at [BSMS@nhsbt.nhs.uk](mailto:BSMS@nhsbt.nhs.uk). Provide your contact details, job title and the date you can attend. You will be contacted by a member of the BSMS team once your place has been secured.



If you have any questions or would like some further support, please email us. [bsms@nhsbt.nhs.uk](mailto:bsms@nhsbt.nhs.uk)