

CHANGE IN PLASMA STORAGE & INTRODUCTION OF THAWED PLASMA (TFFPM)

WHAT IS THAWED PLASMA?

Thawed Plasma (TFFPM) is Fresh Frozen Plasma (FFP) that was prepared for a patient but subsequently no longer required as FFP. Instead of discarding the plasma, it may be converted to TFFPM and its expiry extended to 23:59 on Day 4, allowing it to be used for another patient where clinically appropriate. This reduces unnecessary plasma wastage and improves resource utilisation.

PRODUCT INFORMATION

Product description	Thawed Plasma
WCBS product code	TFFPM
NAPPI® code	3011968001
Medical Aid tariff code	78794
Pack volume	280 mL ± 70 mL
Product expiry	4 days
Storage temperature	1-10 °C
Transport temperature	1-10 °C
Private sector price (Excl. VAT)	R1 854.50
Private sector price (Incl. VAT)	R2 132.68



Example TFFPM product label

CLINICAL USE OF TFFPM

TFFPM contains all coagulation factors present in FFP, although some labile factors, particularly Factors V and VIII, decrease during extended refrigerated storage. TFFPM and FFP may be used interchangeably for many clinical indications where plasma replacement is required. FFP should be preferentially used where optimal levels of Factor V or Factor VIII are specifically required.

CLINICAL INDICATIONS

- Major haemorrhage and trauma
- Multiple coagulation factor deficiencies
- Urgent vitamin K antagonist reversal where plasma is indicated
- TTP or plasma exchange where clinically appropriate

IMPORTANT LIMITATIONS

- Do not use where optimal levels of a specific labile factor are required, or for isolated factor deficiencies where appropriate specific therapy is available.
- TFFPM will not currently be issued for children under 12 years of age.

PAEDIATRIC USE & AVAILABILITY

Paediatric use: TFFPM will not currently be issued for children under 12 years of age. This avoids unnecessary exposure of smaller paediatric patients to a full adult plasma unit and reflects the lack of local validation of TFFPM in this patient group.

Availability: TFFPM will not always be available because supply depends on FFP prepared for a patient subsequently no longer being required as FFP and being eligible for conversion.

CHANGE TO FFP STORAGE

FFP THAWED
30-37 °C

REFRIGERATE
Store at 1-6 °C before issue

FFP PERIOD
Expiry remains 6 hours from thawing

Clinicians should expect both FFP and TFFPM to be cold when issued. FFP may be returned before its 6-hour expiry where required storage and transport conditions have been maintained.

CLICKABLE REFERENCES

1. von Heymann C, et al. *Transfusion*. 2009;49(5):913-920. [PubMed](#)
2. Wang Z, et al. *Transfus Apher Sci*. 2014;50(2):274-280. [PubMed](#)
3. Horstman EE, Tormey CA. Plasma products for transfusion: an overview. *Annals of Blood*. 2022;7. [Open access](#)
4. AABB. [Plasma components resources](#)

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* TFFPM expiry is subject to the approved WCBS procedure and product requirements.