

**FRESH FROZEN PLASMA**

<b>Trade Name</b>	FFP (supplier = NZ Blood Service)
<b>Class</b>	Blood product
<b>Mechanism of Action</b>	Replaces clotting factors and volume, corrects defective opsonic activity commonly found in premature infants due to deficiencies of several components of the complement pathway.
<b>Indications</b>	Hypotension secondary to hypovolaemia, Bleeding secondary to clotting factor deficiency or consumption. Sepsis NEC
<b>Contraindications</b>	Lack of blood product consent.
<b>Supplied As</b>	45-90 mL "Paed Pack" stored in freezer in blood bank (volumes may vary slightly).
<b>Dilution</b>	None
<b>Dosage</b>	10 mL/kg/dose, repeat as necessary In NEC 2 infusions may be helpful 6 – 12 hours apart.
<b>Interval</b>	As above
<b>Administration</b>	Intravenous
<b>Compatible With</b>	No data available. Blood product therefore considered incompatible with all other solutions and drugs.
<b>Incompatible With</b>	Blood product therefore considered incompatible with all other solutions and drugs.
<b>Monitoring</b>	HR and BP monitoring
<b>Stability</b>	Once thawed FFP must be stored at 2-6 °C and used within 24 hours. Do not use if components appear clotted. Particles are visible or the bag is damaged.
<b>Storage</b>	Frozen in blood bank. Defrost at 37 deg Celsius prior to giving. Do not re-freeze
<b>Adverse Reactions</b>	Volume overload, pulmonary oedema may occur.
<b>References</b>	1. <a href="http://www.nzblood.co.nz">www.nzblood.co.nz</a> 2. BNF 3. Benitz and Tatro, Pediatric Drug Handbook 1988 4. <a href="https://www.nzblood.co.nz/assets/Transfusion-Medicine/PDFs/112S010.pdf">https://www.nzblood.co.nz/assets/Transfusion-Medicine/PDFs/112S010.pdf</a>
<b>Updated</b>	Dr B Dixon July 2001 P Schmidt, B Robertshawe June 2005 A Lynn, B Robertshawe Dec 2012 (re-order profile) A Lynn, B Robertshawe March 2021 (update storage conditions)