

BERIPLEX[®] NZ

NZBLOOD

Human Prothrombin Complex Concentrate – Four Factor

Administration Quick Guide



Requesting BERIPLEX[®] NZ

Via your local Blood Bank, using the local procedure and transfusion paperwork

General Dose Guide

Up to a maximum 50 IU / kg and absolute dose of 5000 IU

- In patients > 100 kg, the dose of BERIPLEX[®] NZ should be calculated based on a capped 100 kg body weight and maximum dose of 50 IU / kg (i.e., the maximum absolute dose is 5000 IU)

No repeat dosing within 14 days, unless approved by New Zealand Blood Service (NZBS) medical officer

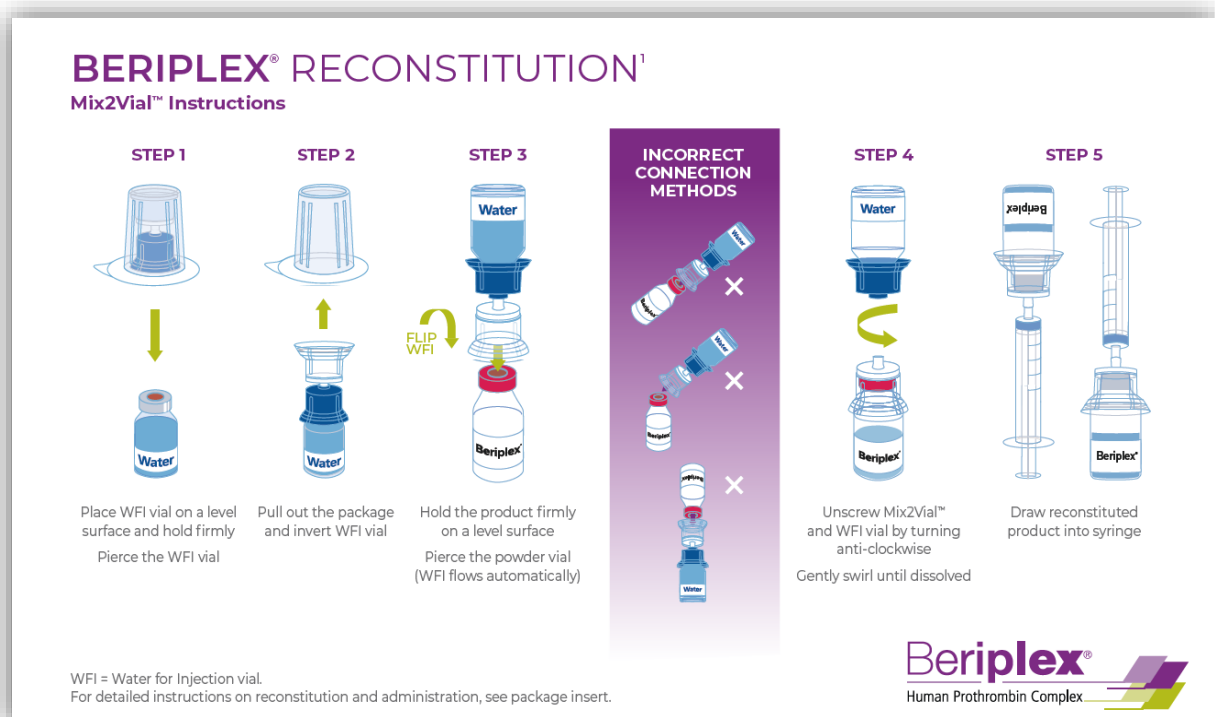
Reconstitution

Bring vials to room temperature – only removing the vials from the sealed box when ready to reconstitute (BERIPLEX[®] NZ boxes are sealed to protect from light, product damage and tampering). Once opened it can affect product return to Blood Bank

Follow the CSL Behring Mix2Vial[™] Instructions (Fig. 1)

- Only use the supplied Mix2Vial[™] (needle-free) transfer device to reconstitute
- A specific stepwise approach is required, incorrect technique can result in vial vacuum failure and product waste
- A diluent (20mL WFI) is supplied in each box, do not dilute in saline (or other fluids)

Figure 1. BERIPLEX Reconstitution - Mix2Vial[™] Instructions* (*CSL Behring Melbourne. 2025)



Administration of BERIPLEX® NZ

Ensure all pre-blood checks are completed at the bedside

IV Injection Rate: 3 units (IU) / kg body weight / minute, not exceeding 210 IU / minute (approximately 8 mL / minute). For larger volumes consider using a syringe infusion pump

- The rate in millilitres (mL) is **0.12 mL / kg / minute (capped at 8 mL / minute)**

Table 1. IV Injection Rate of BERIPLEX® NZ, by weight range

Weight	Administration Rates (0.12 mL / kg / minute; capped at 8 mL / minute)
Under 40 kg	Calculate: 0.12 mL / kg / min (or syringe pump rate: 7.2 mL / kg / hour)
40 kg – 44 kg	5 mL / minute (or syringe pump rate: 300 mL / hour)
45 kg – 53 kg	6 mL / minute (or syringe pump rate: 360 mL / hour)
54 kg – 62 kg	7 mL / minute (or syringe pump rate: 420 mL / hour)
63 kg upward	8 mL / minute (or syringe pump rate: 480 mL / hour)

Flush pre/post with 10mL saline – do not pull back to check for blood (a fibrin clot may form in the syringe)

Do not co-mix or dilute in any IV fluid, blood product or other medication (reconstituted BERIPLEX® NZ will precipitate if diluted in saline or other fluids)

Use immediately and within 3 hours of reconstitution

Alerts

Always read the datasheet for the full list of precautions

Protect BERIPLEX® NZ from light, open the sealed product box (tamper-evident seal) when ready to reconstitute

Return all un-used or damaged vials to Blood Bank – do not store in wards

Report all adverse events including reactions and product faults to your local Blood Bank without delay

Scan for anticoagulant reversal webpage @ www.nzblood.co.nz

