Nursing Care Plan

**BLOOD PRODUCT TRANSFUSION**

**Side Effects**: allergic reaction, febrile reaction, viral transmission, GvHD

Giving sets must be discarded after 12 hrs or 2 units of blood. Use a new set for different products.
Consider using Alaris blood giving set: elderly, cardiac compromise, fluid restriction/overload, or IV device pressures are high e.g. double PICC

- Ensure patient understands the need for transfusion and provides verbal consent. Ensure patient is aware of potential side effects and to report. Provide written information on transfusion
- Check that CMV and irradiation requirements are met, check blood list
- Safe track must be used for all transfusions
- Record baseline TPR and BP
- Manually check the blood product at the patient’s bedside against the prescription chart, blood product flimsy and patient identity band to ensure all details are correct including ABO match
- Patient must positively identify themself by stating their name and date of birth

**Platelets**
- Infuse the platelets in under 30 mins via blood product giving set
- Observe for signs of reaction; if mild symptoms occur administer prescribed Paracetamol and Chlorpheniramine. If symptoms do not resolve within 15 minutes or are more severe, inform the medical team immediately and stop infusion
- If patient reacts to platelets more than once, administer prophylactic Chlorpheniramine and Paracetamol for subsequent transfusions

**Red cells**
- Infuse red cells over 3-4 hours via a blood product set
- Record TPR and BP at the beginning of each unit, again 15 minutes after the start of each unit and at the end of each unit. Record vital signs on observation chart and on Safetrack
- Observe for signs of reaction, such as, pyrexia, dyspnoea, rigors, hypotension, loin pain, haematurea, fluid overload.
- In the event of any such symptoms, stop the transfusion, check vital signs and inform the medical team immediately.

Print Safetrack data for start, vital signs and end of transfusion and add stickies to medical notes

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