Please note: This is a general listing and is NOT inclusive of all forms of fractions that can be used in your bloodless medical care. If you have questions regarding fractions/medications or treatments/procedures/equipment and any possible alternatives specific to your medical condition(s), please discuss with your doctor. For questions regarding the Nuvance PBM & Bloodless Medicine Program, please contact us at 1-833-NO BLOOD (1-833-662-5663).

**Patient Blood Management (PBM) & Bloodless Medicine Program**

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**BLOOD TRANSFUSION PRODUCTS:** Whole Blood & Four Major Components

**WHOLE BLOOD**

Contains Four Main Components

- **Red Blood Cells (RBCs)**
- **White Blood Cells (WBCs)**
- **Platelets**
- **Plasma**
  - Fresh Frozen Plasma (FFP)

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**MINOR BLOOD FRACTIONS:** Taken from RBC, WBC, Platelets, Plasma (FFP)

1. **Hemoglobin**
2. **Hemin**

1. **Interferons**
2. **Interleukins**

1. **Albumin**
2. **Clotting Factors:**
   - Cryoprecipitate
   - Thrombin
   - Fibrinogen
   - Prothrombin
   - Antithrombin III
   - Humate-P
   - Factor VII
   - Factor IX

3. **Immunoglobulins:**
   - Rhig (RhoGAM)
   - HBig (Hep B IG)
   - VZig (Varicella IG)
   - Tig (Anti-Tetanus IG)
   - HRig (Rabies IG)

4. **Sealants/Tissue Adhesives:**
   - Fibrin Glue
   - Albumin
   - Thrombin

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**FRACTIONS: WHAT ARE THEY?**

1. **PROTEINS, ENZYMES,** and **HORMONES** extracted from each of the four main components of blood.
2. Can be derived from human or animal blood (pig/porcine or cow/bovine).
3. Used in Medical/Surgical Care: Assists with clotting during surgical procedures, controls bleeding, boosts your immune system, assists your body to produce more hemoglobin.

Acceptance of fractions is your **PERSONAL CHOICE if you object to blood transfusions of RBCs/WBCs/Platelets/Plasma (FFP) due to religious or personal beliefs.**