



Sun States: Blood Banks for Animals  
2927 NE 6 Ave  
Wilton Manors FL 33334

## Transfusion Worksheet – Platelets and Plasma Products

### Plasma Products

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#### Indications for use:

- No acute hypovolemia (*use crystalloid or colloid products for volume expansion*)
- Coagulopathy with normal platelet count and function (PT and/or aPTT > 1.5x ULN) *and*
  - Evidence of bleeding not due to deficiency of platelet count or function

OR

- Hypoproteinemia with associated symptoms (anasarca, ascites, edema)

For **Known, isolated deficiency** of Factor VIII, vWF, and/or fibrinogen:

- Give **Cryoprecipitate (CRYO)**  
Severe, consumptive coagulopathy (such as DIC):
  - Give **FFP (and/or Cryoprecipitate)**
- Otherwise:
  - Consider **Cryosupernatant (or FFP)**

#### Calculate a starting dose:

FFP and plasma (except CRYO): \_\_\_\_\_ mL required = \_\_\_\_\_ kg x 6      to      \_\_\_\_\_ kg x 10

CRYO: \_\_\_\_\_ Units required = \_\_\_\_\_ kg / 10    (one Unit = CRYO from one unit whole blood)

#### Assess adequacy of therapy:

- Clinical correction or resolution of symptoms (e.g., bleeding cessation, decreased edema)

### Platelets

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#### Indications for use (routine prophylaxis is NOT indicated):

- Platelet count < 20,000 *and* active bleeding *or* high risk of bleeding (esp. CNS)  
*or*
- Platelet count < 50,000 *and* planned surgery *or* active bleeding unresponsive to direct pressure

Calculate a starting dose: \_\_\_\_\_ Units required = kg / 10

#### Assess adequacy of therapy:

- Cessation of bleeding

#### Notes:

- Evaluate therapy clinically (e.g., cessation of active bleeding).
- *Minor elevations in the PT/aPTT are unlikely to result in clinically significant bleeding.*
- *If ongoing blood loss occurs despite apparent correction of coagulopathy, search for a source of bleeding that has not been appropriately addressed (e.g., hemoperitoneum).*