Tacrolimus

<table>
<tr><th colspan="2">CAUTION: High Administration Risk Rating</th></tr>
<tr><td>Form</td><td>5mg in 1mL ampoule</td></tr>
<tr><td>Reconstitution</td><td>Already in solution
• Draw up using a 5 micron filter needle
• Use gloves when opening ampoules
Dilute further before administration.</td></tr>
<tr><td>Compatibility & Stability</td><td>Sodium chloride 0.9%
Glucose 5%

Incompatible with PVC
Tacrolimus is absorbed by PVC plastics. A non-PVC infusion container (Baxter Viaflo®, Braun Ecoflac®) and infusion set should be used.</td></tr>
<tr><td>Administration</td><td><u>IV Infusion</u>
Dilute the required dose to 48mL with compatible fluid and infuse at 2mL/hour over 24 hours.

<table>
<tr><th>Total oral daily dose (mg)</th><th>Daily dose for IV infusion (mg)</th><th>Volume of concentrate (5mg/mL)</th><th>Total Volume of infusion fluid (mL)</th><th>Rate (mL/hour)</th></tr>
<tr><td>2mg</td><td>0.4mg</td><td>0.08mL</td><td>48mL</td><td>2</td></tr>
<tr><td>2.5mg</td><td>0.5mg</td><td>0.1mL</td><td>48mL</td><td>2</td></tr>
<tr><td>3mg</td><td>0.6mg</td><td>0.12mL</td><td>48mL</td><td>2</td></tr>
<tr><td>3.5mg</td><td>0.7mg</td><td>0.14mL</td><td>48mL</td><td>2</td></tr>
<tr><td>4mg</td><td>0.8mg</td><td>0.16mL</td><td>48mL</td><td>2</td></tr>
<tr><td>4.5mg</td><td>0.9mg</td><td>0.18mL</td><td>48mL</td><td>2</td></tr>
<tr><td>5mg</td><td>1mg</td><td>0.2mL</td><td>48mL</td><td>2</td></tr>
</table>
</td></tr>
<tr><td>Extravasation</td><td>Extravasation may cause tissue damage due to the low pH of the solution.</td></tr>
<tr><td>Additional Information</td><td>• The concentration of a solution for infusion should be within the range 0.004 - 0.1 mg/mL.
• The total volume of infusion during a 24-hour period should be in the range 20 – 500mL.
• Switching between tacrolimus brands and routes of administration requires careful supervision and therapeutic monitoring by an appropriate specialist.
• The daily intravenous dose is one-fifth of the total oral daily dose, and subsequent dose adjustment is based on plasma levels of tacrolimus.
• Tacrolimus should be given IV for no more than 7 days.
• IV administration carries a risk of anaphylaxis and should be reserved for patients who cannot tolerate the oral route.</td></tr>
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Information provided relates to Prograf® manufactured by Atellas Pharma.