

Appendix E

Intravenous Mycophenolate Administration Protocol

Mycophenolate is available for infusion as a sterile lyophilised white to off-white powder. It is reconstituted and diluted with 5% glucose. Intravenous administration is recommended for those patients who are unable to take oral medication.

Mycophenolate IV should be reconstituted to a concentration of 6mg/ml and must be administered by slow intravenous infusion over a period of 2 hours.

Caution 1:

Mycophenolate IV infusion should never be administered by rapid or bolus intravenous injection.

Caution 2:

Mycophenolate IV solution should not be mixed or administered concurrently via the same catheter with other intravenous drugs or infusion mixtures. Mycophenolate IV is incompatible with the following solutions: 0.9% Normal Saline, Ringers and lactated Ringer's solution.

Dose for Renal Transplant:

The IV dose for renal transplantation is 1g twice daily.

Administration:

Mycophenolate may be administered as a peripheral intravenous infusion. The risk of phlebitis or thrombosis of the infused vein is 4%. Mycophenolate should be diluted and infused in 5% dextrose over at least a two hour period. The preparation for infusion instructions follow:

Preparation of infusion solution:

Step 1:

- a) Reconstitute the contents of each vial by injecting 14mls of 5% glucose IV solution.
- b) Gently shake the vials to dissolve the drug.
- c) Inspect the resulting solution for particulate matter and discolouration prior to further dilution. Discard any vial in which particulate matter or discolouration is observed.
- d) Two reconstituted vials should be added to 140mls of 5% glucose for infusion. If using a 250ml bag, withdraw 110ml of 5% glucose, 28 mls of this solution can be used when reconstituting the 2 vials as described in step one above.

Step 2:

- a) Further dilute the contents of two reconstituted vials with 140mls of 5% glucose IV for a total volume of 168mls and a final concentration of 6mg/ml.
- b) Inspect the infusion for particulate matter and discolouration, discard the infusion solution if any is observed.
- c) Infuse at a rate of 60ml/hour through a peripheral vein. No other infusion solutions or medications should be administered through this vein during the infusion of mycophenolate.

Once reconstituted mycophenolate can be kept for up to 4 hours when stored at 15-30° C. Commencement of administration of the infusion should be within 4 hours of reconstitution