# FOLIC ACID

This document should be read in conjunction with this **DISCLAIMER**

**Unrestricted:** Any prescriber may initiate treatment as per guideline

| Presentation | Ampoule: 5mg/mL  
Oral Solution: 500microgram/mL |
|--------------|------------------------|
| Classification | B Group Vitamin  
Required for synthesis of purine and pyrimidine bases (DNA) and for amino acid metabolism and normal erythropoiesis  
Folic acid stimulates the production of red blood cells, white blood cells and platelets |
| Indication | Megaloblastic Anaemia  
Folic Acid Deficiency |
| Dose | **IV/IM/Oral:** *(Oral route is preferred)*  
50microgams once daily  
With **Erythropoietin:** 50-100micrograms once a day |
| Compatible Fluids | Glucose 5%, Sodium Chloride 0.9% |
| Preparation | **IM:** *(preferred injectable route)*  
Give undiluted  

**IV Push:**  
Give undiluted  

**IV Infusion:**  
Dilute 0.2mL (1mg) to a final volume of 10mL with an appropriate diluent.  
Concentration is 1mg/10mL = 1000microgram/10mL  
Final concentration = **100microgram/mL** |
### Administration

<table>
<thead>
<tr>
<th>Method</th>
<th>Instructions</th>
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<tbody>
<tr>
<td>IV Push</td>
<td>Give over 2-5 minutes</td>
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<tr>
<td>IV Infusion</td>
<td>Infuse over 30 minutes</td>
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<tr>
<td>Oral</td>
<td>may be given at any times with regards to feeds</td>
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</tbody>
</table>

### Adverse Reactions

Allergic reactions have occurred with both oral and IV folic acid administrations.

### Storage

**IV/Oral**

Store at room temperature – below 25°C

### References