# FUSIDIC ACID

**Presentation:**
- Vial: 500mg (sodium fusidate)
- Mixture: 50mg/mL of fusidic acid (equivalent to 35mg/mL sodium fusidate) (Manufactured in Pharmacy)

**Action & Indication:**
Narrow spectrum, antistaphylococcal antibiotic for the treatment of resistant organisms. It inhibits protein synthesis by the prevention of translocation on the ribosomes.

**Dose:**
- Oral: 15mg/kg/dose 8 hourly (Fusidic acid)
- IV: 10mg/kg/dose 12 hourly (Sodium fusidate)

**Preparation:**
- Use solution prepared in Pharmacy if available.
- IV: Dissolve the contents of a vial in 10mL of buffer solution provided. Take 1mL and dilute to 25mL with Sodium chloride 0.9% = 2mg/mL

**Administration:**
- Oral: Given with or immediately after feeds.
- IV: Infuse over at least 2 hours into a large vein.

**Adverse Effects:**
- Monitor liver function – may rapidly elevate liver enzymes
- Jaundice
- GI side effects
- Venospasm, thrombophlebitis
- Skin rashes
- Granulocytopenia, haemolytic anaemia
- Severe allergic reactions are rare

**Comments:**
- In severe infections or where prolonged therapy is required, fusidic acid must be given concurrently with other antistaphylococcal therapy
- Discard reconstituted vial immediately after use.

**References:**
- BNF for Children 2013

**Date:**
- August 2013