**Digoxin-specific antibody fragments (DigiFab)**

- DigiFab contains 40mg of digoxin immune FAB (ovine) protein.
- DigiFab is indicated for the treatment of known or suspected digoxin toxicity associated with ventricular or bradyarrhythmias unresponsive to atropine and electrolyte abnormality correction.

**Discuss management of patients with digoxin toxicity with the UK National Poisons Information Service (NPIS) Tel 0844 892 0111.**

**This guidance must be used in conjunction with the information from the UK NPIS.**

**Treatment for adults and children >20kg**

Is the Digoxin toxicity

- **Acute**
  - Half the estimated dose for neutralisation given initially, if no clinical response after 2 hours, give the remainder of the dose.
  - Monitor for 6-12 hours

- **Acute on chronic**
  - Give the full estimated dose if the amount of ingested digoxin is known.
  - If the amount of ingested digoxin is not known, half the estimated dose for neutralisation (based on serum levels) given initially, if no clinical response after 2 hours, give the remainder of the dose.
  - Monitor for 6-12 hours

- **Chronic**
  - Half the estimated dose for neutralisation given initially. Monitor for 6-12 hours.
  - The remainder of the dose may be given if there is recurrence of toxicity

**Dose calculation for full neutralisation in digoxin poisoning**

**Dose if amount of ingested Digoxin known**

- Number of vials = Amount of digoxin ingested (mg) x 1.6
- Round up to the nearest vial (1 vial = 40mg)

**Dose if serum digoxin concentration known**

- Number of vials=[serum digoxin conc (nmol/L) x 0.781 x bodyweight (kg)]/100
- Round up to the nearest vial (1 vial = 40mg)

**DigiFab Administration**

- Each vial should be reconstituted with 4ml of Water for Injection.
- Add to 100ml sodium chloride 0.9% and infuse over 30 minutes.

**For treatment of Infants and small children (<20kg) – contact NPIS**