

## Who can administer

May be administered by registered competent doctor or nurse/midwife

## Available preparations

Granisetron 1mg per 1ml ampoule

Kytril 1mg per 1ml ampoule

## Reconstitution

Already in solution

**Dilute further prior to administration**

**Draw up using a 5 micron filter needle**

## Infusion fluids

Sodium Chloride 0.9%

Glucose 5%

## Methods of intravenous administration

**Can use either method of administration- choice depends on practicalities such as time available, fluid status of patient, etc.**

### **Bolus intravenous injection**

- Dilute 1mg to 5ml with infusion fluid and give over at least 30 seconds
- Dilute 2mg to 10ml with infusion fluid and give over at least 30 seconds
- Dilute 3mg to 15ml with infusion fluid and give over at least 30 seconds

### **Intermittent intravenous infusion:**

- Dilute required dose in 20 to 50ml of infusion fluid and administer over five minutes
- The residual volume in the infusion line must be flushed through at the same rate to avoid significant underdosing

## Dose in adults

### **Post operative nausea and vomiting**

- Give 1mg stat, with a maximum of 3 doses (3mg) in 24 hours

### **Nausea associated with cytostatic therapy (Prevention)**

- Give 1 to 3mg, five minutes prior to the start of chemotherapy

### **Nausea associated with cytostatic therapy (Treatment)**

- Give 1 to 3mg generally, additional doses should be administered at least 10 minutes apart.
- Maximum of 9mg in 24 hours

## Monitoring

- Monitor QTc, especially in patients with cardiac co-morbidities, on cardiotoxic chemotherapy and/or with electrolyte abnormalities

## Storage

- Store below 25<sup>0</sup>C

## References

Kytril SPC March 2021

## Therapeutic classification

Drugs used in nausea and vomiting

Kytril (search term)