

Changes made to bathicillin IMG guidelines produced by user testing study in order to prepare them for *in-situ* simulation study

Dose of 360mg chosen to represent 6mg/kg loading dose for 60kg patient. Higher risk as bigger dose, also needs to be given over 2 hours, so have to do rate calculation.

- References to pump removed, as pumps may not be available in simulation: in method, in risk assessment and pump performance section removed.
- Vial size changed to 400mg. Dose for simulation is 360mg, and this removes cost of having to use 2x200mg.
- Reconstitution volume changed to 9.5ml to match Dummy-Ject (simulated medicine)
- Displacement value changed to 400mg displaces 0.5ml to match Dummy-Ject
- As a consequence, concentration of reconstituted bathicillin changed to 40mg/ml (400mg in 10ml) – volume calculation revised too.
- Removed “discard is not pulled in by vacuum”, as Dummy-Ject doesn’t do this
- Amended min/max dose for 50ml and 100ml infusion bags to reflect revised concentration of reconstituted solution