

Daptomycin

Daptomycin dosing is weight based; ensure accuracy of documented weight before administration		
Restricted Antimicrobial See CUH Antimicrobial Guidelines on Eolas for further information		
Form & Storage	350mg or 500mg dry powder vial	Store at 2–8°C vials in fridge
Reconstitution	<p>Reconstitute 350mg vial with 7mL or 500mg vial with 10mL sodium chloride 0.9% to give a final concentration of 50mg per 1mL.</p> <p>Inject the diluent slowly down the side of the vial. Rotate the vial to completely wet the powder and allow to stand for 10 minutes. Gently swirl the vial for a few minutes to obtain a clear reconstituted solution. <u>Do not shake</u> as this will cause foaming of the product. The product takes approximately 15-20 minutes to dissolve.</p> <p>The reconstituted solution ranges in colour from pale yellow to light brown.</p>	
Compatibility & Stability	<p>Sodium chloride 0.9% ONLY</p> <p>From a microbiological point of view, should be used immediately.</p>	
Administration	<p><u>IV Injection</u> After reconstitution, give by slow IV injection over 2 minutes.</p> <p><u>IV Infusion</u> After reconstitution, dilute the required reconstituted dose into 50mL compatible fluid. Infuse over 30 minutes. If a central venous access device is unavailable, administer via a large peripheral vein monitoring insertion site closely.</p>	
Monitoring	<p>Creatinine phosphokinase (CPK) should be monitored at baseline and at least once weekly during therapy (more frequently if GFR less than 30mL/min). Any patient that develops unexplained muscle pain, tenderness, weakness or cramps should have CPK levels monitored every 2 days.</p>	
Extravasation	<p>Extravasation is likely to cause tissue damage due to low pH.</p>	
Additional Information	<p>Cases of interference between daptomycin and a reagent used in some assays of prothrombin time (PT) and INR have led to an in-vitro prolongation of PT and elevation of INR. To minimise this risk, PT or INR samples should be taken immediately prior to the time of the daptomycin dose.</p>	

Information provided relates to Cubicin® manufactured by MSD and Daptomycin manufactured by Accord.