

Alteplase (Cathflo®)

Actilyse Cathflo® is used for thrombolytic treatment of occluded central venous access devices. Do not confuse with Actilyse® used for systemic thrombolysis.

Form:	2mg powder for solution for injection								
Reconstitution:	Reconstitute with 2.2mL water for injections to give a concentration of 1mg in 1mL (2mg in 2ml). Swirl the vial gently to avoid foam formation until contents are completely dissolved.								
Administration Method:	<p>Instil the appropriate volume of reconstituted solution into the occluded central venous access device.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Device</th> <th>Volume of Alteplase</th> </tr> </thead> <tbody> <tr> <td>PICC</td> <td>1ml</td> </tr> <tr> <td>Hickmann's</td> <td>1 - 2ml</td> </tr> <tr> <td>Port</td> <td>1 - 2ml</td> </tr> </tbody> </table> <ul style="list-style-type: none"> • After at least 30 minutes of dwell time, assess catheter function by attempting to aspirate blood. If the catheter is still not functional, leave the alteplase in the catheter for a further 90 minutes (120 minutes total) and then try to aspirate blood and catheter contents. • If catheter function is not restored after the first dose, a second dose of equal amount may be instilled. Repeat the procedure. If after a second dose of alteplase the device remains dysfunctional seek specialist advice. • If catheter function has been restored, aspirate 4 - 5 ml of blood to remove alteplase and residual clot, and gently irrigate the catheter with Sodium Chloride 0.9%. 	Device	Volume of Alteplase	PICC	1ml	Hickmann's	1 - 2ml	Port	1 - 2ml
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PICC	1ml								
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Compatibility & Stability:	Sodium Chloride 0.9%								
Special Notes:	<ul style="list-style-type: none"> • Store in a refrigerator 2-8°C. • Actilyse® should not be administered to patients with a known hypersensitivity to Gentamicin. • The reconstituted preparation is a clear and colourless to pale yellow solution. Prior to administration it should be inspected visually for particles and colour. 								

Information provided relates to Actilyse Cathflo® manufactured by Boehringer Ingelheim.

This information has been summarised to act as a guide for those administering IV medication. The monograph should be used in conjunction with the drug data sheet and BNF for information on dose, adverse effects, cautions and contra-indications. Further information is available from Pharmacy on 22146 or 22542