

DRUG MONOGRAPH FOR USE ON ADULT INPATIENT WARDS

Urokinase 10,000 units in 2ml sodium chloride 0.9% prefilled syringe	
Drug	Urokinase
Indication	Thrombolytic treatment for unblocking occluded central venous access devices (blocked by fibrin clots).
Dose	10,000 units in 2ml
Preparation	<p>Reconstitute Urokinase 100,000units with 5mL of Sodium Chloride 0.9%.</p> <p>Withdraw the entire contents of the vial (once fully dissolved) into a 20mL syringe.</p> <p>Change needle and make up to 20mL with Sodium Chloride 0.9% to give a final concentration of 5000 units/mL Urokinase.</p> <p>Withdraw 2ml from the 5000unit/ml syringe into a new 10ml syringe to make the final 10,000 units in 2ml product</p>
Administration	Instil directly into occluded catheter only, use a volume sufficient to fill the catheter lumen; leave for 20–60 minutes then aspirate the lysate; repeat if necessary.
Monitoring Required	N/A
Shelf Life	Reconstituted formulation to be used immediately.
Additional Information	

Document Controls

Development of Guideline:	Harwinder Sangha, Advanced Pharmacist - Cancer
Consultation with:	Pharmacy Department
Approved By:	
Review Date:	June 2025
Key contact:	Harwinder Sangha, Advanced Pharmacist - Cancer

References:

<https://www.medicines.org.uk/emc/product/7565/smpc>

Syner-KINASE 100,000 IU powder for solution. Syner-Medica Ltd. Revision of text 13/12/2019. Accessed 4/6/2021

<https://www.stabilis.org/Bibliographie.php?ldBiblio=375> accessed 28/05/2021