



health

Department:
Health
REPUBLIC OF SOUTH AFRICA



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NOTICE: STREPTOKINASE 1 500 000 IU INJECTION DISCONTINUATION

The Primary Healthcare Level and Adult Hospital Level Standard Treatment Guidelines (STGs) and Essential Medicines List (EML) currently recommends streptokinase in the management of myocardial infarction. The contracted supplier for streptokinase has indicated that the product on contract has been discontinued with immediate effect, and a new formulation of streptokinase will only be available once approval by SAHPRA has been received.

Until supply of streptokinase again becomes available the following alternative recommendation (as per table below) may be considered. Refer to the Primary Healthcare STGs and EML, 2020; and Adult Hospital Level STGs and EML, 2019; for the complete treatment guidance.

Indication: Primary Healthcare Level STGs and EML, 2020	Current recommendation in STGs and EML	Therapeutic alternative																
<p>4.4 Myocardial Infarction, Acute (AMI)/ST Elevation Myocardial Infarction (STEMI) - Before transfer</p> <p>FOR URGENT REFERRAL TO NEXT LEVEL OF CARE</p>	<p>Thrombolytic, (Doctor initiated)</p> <ul style="list-style-type: none"> Streptokinase, IV 1.5 million units diluted in 100 mL sodium chloride 0.9%, infused over 30–60 minutes. Do not use heparin if streptokinase is given. <ul style="list-style-type: none"> Hypotension may occur. If it does, reduce the rate of infusion but strive to complete it in < 60 minutes. Streptokinase is antigenic and should not be re-administered in the period of 5 days to 2 years after 1st administration. Severe allergic reactions are uncommon but antibodies which may render it ineffective may persist for years. Note: Refer all suspected or diagnosed cases urgently. 	<ul style="list-style-type: none"> Alteplase, IV infusion: <ul style="list-style-type: none"> Do not exceed 100 mg. if history of onset is less than 6 hours (beyond 6 hours consult a specialist or treat as NSTEMI (see below): <table border="1"> <thead> <tr> <th></th> <th>Bolus</th> <th>Next 30 minutes</th> <th>Next 60 minutes</th> </tr> </thead> <tbody> <tr> <td>>67 kg</td> <td>15 mg</td> <td>50 mg</td> <td>35 mg</td> </tr> <tr> <td>≤67 kg</td> <td>15 mg</td> <td>0.75 mg/kg</td> <td>0.5 mg/kg</td> </tr> </tbody> </table> <ul style="list-style-type: none"> Indications and contraindications are similar to those for streptokinase as below (except prior use of streptokinase is not a contraindication). <table border="1"> <thead> <tr> <th>Indications</th> <th>Contra-indications</th> </tr> </thead> <tbody> <tr> <td> <u>For acute myocardial infarction with ST elevation or left bundle branch block:</u> <ul style="list-style-type: none"> - maximal chest pain is ≤6 hours - beyond 6 hours and ongoing chest pain, consult a specialist - >6 hours and no chest pain, manage with anticoagulants (see section 4.3: NSTEMI) if ongoing ischaemic pain </td> <td> <u>Absolute:</u> <ul style="list-style-type: none"> - previous allergy, - CVA within the last 3 months, - history of recent major trauma, - bleeding within the last month, - aneurysms, - brain or spinal surgery or head injury within the preceding month, or - active bleeding or known bleeding disorder. <u>Relative (consult specialist):</u> <ul style="list-style-type: none"> - refractory hypertension, - warfarin therapy, - recent retinal laser treatment, - subclavian central venous catheter, - pregnancy, </td> </tr> </tbody> </table>		Bolus	Next 30 minutes	Next 60 minutes	>67 kg	15 mg	50 mg	35 mg	≤67 kg	15 mg	0.75 mg/kg	0.5 mg/kg	Indications	Contra-indications	<u>For acute myocardial infarction with ST elevation or left bundle branch block:</u> <ul style="list-style-type: none"> - maximal chest pain is ≤6 hours - beyond 6 hours and ongoing chest pain, consult a specialist - >6 hours and no chest pain, manage with anticoagulants (see section 4.3: NSTEMI) if ongoing ischaemic pain 	<u>Absolute:</u> <ul style="list-style-type: none"> - previous allergy, - CVA within the last 3 months, - history of recent major trauma, - bleeding within the last month, - aneurysms, - brain or spinal surgery or head injury within the preceding month, or - active bleeding or known bleeding disorder. <u>Relative (consult specialist):</u> <ul style="list-style-type: none"> - refractory hypertension, - warfarin therapy, - recent retinal laser treatment, - subclavian central venous catheter, - pregnancy,
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Indication: Adult Hospital Level STGs and EML, 2019	Current recommendation in STGs and EML	Therapeutic alternative																												
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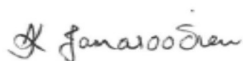
Procurement of alteplase 50mg injection

NSN	Product	Supplier	Contract
180189601	Alteplase; 50mg; Injection; 1 Injection	Ingelheim Pharmaceuticals (Pty) Ltd	HP06-2021SVP/01

Circular dissemination

Provinces and Healthcare facilities are requested to distribute and communicate this information in consultation with the Pharmaceutical and Therapeutics Committees and all other relevant stakeholders.

Kind regards



MS K JAMALOODIEN
CHIEF DIRECTOR: SECTOR-WIDE PROCUREMENT
DATE: 10 December 2023