 <b>Shared health</b> <b>Soins communs</b> Manitoba	<b>M26 - CALCIUM CHLORIDE (100 mg/ml - 10%)</b>	
	<b>MEDICATION STANDING ORDER</b>	<b>HIGH-ALERT MEDICATION <sup>1</sup></b>
Version date: 2023-12-13		Effective date: 2024-01-16 (0700)



INDICATIONS
<ul style="list-style-type: none"> <li>Hyperkalemia</li> <li>Magnesium toxicity</li> </ul>

CONTRAINDICATIONS
<ul style="list-style-type: none"> <li>None</li> </ul>

MAGNESIUM TOXICITY		
ROUTE (WORK SCOPE)	INITIAL DOSE	REPEAT DOSE
INTRAVENOUS (PCP & ABOVE)	10 years & older - 1 gram (10 ml)	None
INTRAOSSEOUS (ICP & ABOVE)		

HYPERKALEMIA		
ROUTE (WORK SCOPE)	INITIAL DOSE	REPEAT DOSE
INTRAVENOUS / INTRAOSSEOUS (ICP & ABOVE)	10 years & older - 1 to 2 gm (10 - 20 ml)	Once in 5 minutes if ECG signs persist & every 30 - 60 minutes if ECG signs recur

NOTES
<ol style="list-style-type: none"> <li>ERS HIGH-ALERT MEDICATION: Refer to Shared Health Provincial Clinical Standard - Safety Controls for High-Alert Medications (refer to A03 - HIGH ALERT MEDICATIONS).</li> <li>During cardiac arrest administer by rapid push followed by saline flush.</li> <li>For magnesium toxicity administer by slow push over 3 to 5 minutes</li> </ol>

APPROVED BY	
	
Medical Director - Provincial EMS/PT	Associate Medical Director – Provincial EMS/SPT

VERSION CHANGES (refer to X08 for change tracking)
<ul style="list-style-type: none"><li>• Addition of Shared Health Provincial Clinical Standard for high-alert medications</li></ul>