

<b>DRUG:</b>	<b>GLYCERYL TRINITRATE TOPICAL</b>
<b>PRESENTATION:</b>	Ointment: 0.2%
<b>ACTION &amp; INDICATION</b>	Vasodilator. May be used to reverse peripheral tissue ischaemia secondary to arterial line complications in neonates
<b>DOSE:</b>	1 centimeter / kg . Repeat dose every eight hours if necessary
<b>ADMINISTRATION:</b>	Apply as a thin film over affected areas
<b>ADVERSE EFFECTS:</b>	Tachycardia, paradoxical bradycardia, flushing, headache Nausea, vomiting, heartburn, dizziness Avoid use with increased intracranial pressure, severe anaemia, hypotension. Avoid concomitant administration of sildenafil, nitric oxide.
<b>COMMENTS:</b>	Use gloves when applying ointment to avoid side effects in person administering drug. The 2% ointment (Nitro-Bid) is no longer available in Australia  Glyceryl trinitrate patches (release rate 5mg/24 hours), cut into strips have also been used. Apply for 2 to 4 hours. Review the area then reapply if desired. Each strip may be used for up to 24 hours.
<b>REFERENCES:</b>	BNF for Children 2009 Baserga MC, Pur A, Sola A. The use of topical nitroglycerine ointment to treat peripheral tissue ischaemia secondary to arterial line complications in neonates. J Perinatol 2002;22(5):416-9
<b>DATE:</b>	January 2011