



GLYCEROL (GLYCERINE)

Read in conjunction with Disclaimer

Formulary: Unrestricted						
Presentation Liquid: 100% v/v glycerol Suppository for infants: 700 mg						
Classification	Osmotic laxative					
Indication	Facilitation of passage of meconiumConstipation					
Special Considerations Considerations Contraindications: Dehydration, rectal bleeding. Precautions: Congenital gastrointestinal conditions, major cardiac defects (risk of fluid shift).						
Monitoring	Stool output					
Side Effects	Diarrhoea, rectal irritation, abdominal pain, bleeding per rectum (from insertion of the syringe when liquid used).					
Storage & Stability	Liquid: Store at room temperature, below 30°C. Suppository: Store at room temperature, below 25°C. Discard unused portion immediately.					
Comments	Onset of action: 15 to 30 minutes. May also act through its local irritant effects and have lubricating and faecal softening actions.					

	Presentation Liquid: 100% v/v glycerol				
AL IID	Dosage	Constipation 0.1 to 0.2 mL			
RECT	Preparation	 Draw glycerol solution into a 1 mL syringe. Attach Clot Catcher and prime with the solution. 			
	Administration	Insert 1 to 2 cm of Clot Catcher into rectum and administer required dose.			

R	Presentation	Suppository for infants: 700 mg	00
TAL ITOF	Dosage	Constipation Small sliver	
RECT	Preparation	Cut a small sliver from suppository for use.Discard unused portion of suppository.	
SUE	Administration	Gently insert the sliver into the rectum.	

References

Australasian Neonatal Medicines Formulary (ANMF). Glycerol. In: Australasian Neonatal Medicines Formulary [Internet]. [Sydney, New South Wales; 2024 [cited 2024 Sep 30]. Available from: www.anmfonline.org

AusDI. Petrus Glycerol Suppositories B.P. In: AusDI By Medical Director [Internet]. Australia: AusDI by Medical Director; 2024 [cited 2024 Oct 10]. Available from: https://www.ausdi.com/

British National Formulary. BNF for Children. 2018-19 ed. London, UK: BMJ Group and Pharmaceutical Press; 2018. P. 49.

Takemoto CK, Hodding JH, Kraus DM. Pediatric & neonatal dosage handbook with international trade names index: a universal resource for clinicians treating pediatric and neonatal patients. 27th ed. Hudson (Ohio): Lexicomp; 2020. P1119.

Document history

Keywords	Glycerol, glycerine, constipation							
Document Owner:	Chief Pharmacist							
Author/ Reviewer	KEMH & PCH Pharmacy/Neonatology Directorate							
Version Info:	4.0 – full review, new template							
Date First Issued:	August 2013	Last Reviewed:	30/09/2024		Review Date:	30/09/2029		
Endorsed by:	Neonatal Directorate Management Group				Date:	29/10/2024		
NSQHS Standards Applicable:	Std 1: Clinical Governance			Std 4: Medication Safety				
Printed or personally saved electronic copies of this document are considered uncontrolled.								

Printed or personally saved electronic copies of this document are considered uncontrolled.

Access the current version from WNHS HealthPoint.

This document can be made available in alternative formats on request for a person with a disability.

© North Metropolitan Health Service 2024