



NEONATAL MEDICATION GUIDELINE

Nystatin

Scope (Staff): Nursing, Midwifery, Medical and Pharmacy Staff

Scope (Area): KEMH NICU, PCH NICU, NETS WA, KEMH and OPH Postnatal Clinical Areas

This document should be read in conjunction with the [Disclaimer](#).

Quick Links

[Dose](#)

[Preparation & Administration](#)

[Side Effects & Interactions](#)

[Monitoring](#)

Restrictions

[Formulary: Unrestricted](#)

[SAS Category A](#) (cream requires approval by TGA)

Description

Antifungal

Presentation

Suspension: 100,000 units/mL

Cream: 100,000 units/g (SAS product)

Storage and Stability

Store at room temperature, below 25°C.

Discard 28 days after opening.

Dose

Prophylaxis of systemic candida

Oral:

1 mL every 8 hours.

Prophylaxis for all infants who meet the following criteria:

- All infants ≤ 32 w GA with central line(s), including UAC/UVC, long line, femoral line, Broviac

- All infants on TPN
- All infants on ventilation or CPAP
- Infants with tracheostomies until discharge from NCCU
- During antibiotic therapy and until 48 hours after completion of course

Note: Nystatin is not required for

- Term infants (unless >5d antibiotic therapy)
- Infants on postnatal wards or for infants being discharged home or back transferred before 48 hours after antibiotic course completed

Treatment of mucocutaneous candida

Oral:

1 mL every 6 hours. Continue for at least 48 hours after perioral symptoms disappear.

AND

Topical:

Apply cream topically at each nappy change. Continue treatment for 3 days after symptoms have subsided.

Dose Adjustment

Renal Impairment: Not required.

Hepatic Impairment: Not required.

Administration

Oral

Shake well before each use.

Half the required dose will be applied to the oral mucosa and half given via the oro/naso gastric tube followed by 0.3mL of sterile water.

If the neonate has a coordinated suck/swallow reflex, then the oral dose may be given orally via a syringe or teat.

May be given to infants who are nil by mouth.

Topical

Dry the skin thoroughly and apply cream liberally to the affected area(s). Leave the skin exposed if feasible.

Side Effects

Common (oral): Gastrointestinal upset

Rare (topical): Rash (urticaria), irritation

Comments

Nystatin is not suitable for the treatment of invasive fungal disease.

Related Policies, Procedures & Guidelines

External Legislation, Standards and Policy (list and hyperlink)

Check if existing higher level documents to avoid content duplication- see DoH WA and National, NMHS policies, WNHS policies, ACSQHC, NSQHS, ACORN

CAHS Neonatology Clinical Practice Guidelines:

[Skin Care Guideline](#)

WNHS Clinical Practice Guidelines:

[Neonatal Care](#)

[Antimicrobial Stewardship](#)

WNHS Pharmaceutical and Medicines Management Guidelines:

[Prescribing by eligible private practicing midwives \(EPPM\) with a scheduled medicines endorsement](#)

References

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