



**Children's Hospital of Eastern Ontario
Pharmacy Department**

METRONIDAZOLE 50 mg/mL ORAL SUSPENSION

Date Prepared: ____ / ____ / 20____

LOT: NS _____

Expiry Date: ____ / ____ / 20____

Final Checked By: _____

INGREDIENTS	MFR	LOT #	EXPIRY DATE	FORMULA QUANTITY	QUANTITY USED	PREPARED	CHECKED
Metronidazole 250 mg tablets	Apotex/ AA pharma			4 tablets			
Sterile Water for Irrigation*				2 mL			
Ora-Blend				QS to 20 mL			

**may substitute with Sterile Water for Injection*

Risk Summary:

Always follow policies & procedures for risk assessment/NAPRA level as determined by your own pharmacy department.

Equipment and PPE:

- Mortar and pestle
- Graduated cylinder
- Glass stirring rod
- Standard CHEO Level B PPE (hair bonnet, mask, +/- beard cover, clean gown and nitrile gloves)

Procedure:

Always follow departments training protocols and policies and procedures that are currently in place.

1. Place tablets in the mortar, and soak in 2-5 mL of the sterile water, to soften coating.
2. Crush the tablets in the mortar.
3. Using the pestle, levigate tablets with a small amount of vehicle to create a smooth paste.
4. Continue to levigate, adding vehicle in small amounts until the product is liquid enough to transfer to a graduated cylinder.
5. Rinse mortar several times with vehicle and add product to the graduated cylinder.
6. QS to final volume with vehicle.
7. Stir well and transfer to amber plastic bottle. Label bottle appropriately.
8. Before washing, rinse equipment into medication disposal bin, and not directly into sink.

Quality Control:

- Final Appearance: Opaque, white suspension
- Packaging: amber plastic bottles
- Storage & BUD: 60 days refrigerated or at room temperature

Sample Label:



**Children's Hospital of Eastern Ontario
Pharmacy Department**

<p>Children's Hospital of Eastern Ontario METRONIDAZOLE 50 mg/mL ORAL SUSPENSION SHAKE WELL. Refrigerate or Room Temperature Quantity: LOT: Expiry:</p>

Reference(s):

- Anon, Compounded Drug Formulas, Alberta Children's Hospital, Calgary Regional Health Authority, May 2000, pp 120.

Formulation Review:

Master Formula Revision Dates: 14 Aug 01; 14 Oct 05; 16 Feb 06; 2 Oct 06; 2018; Mar 2020; Jun 2021.