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### SUGGESTED FORMULA

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#### Metronidazole 20mg/mL Suspension – Oil Formula

Version number: 1.0

Volume: 50 mL

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Metronidazole Benzoate, BP	1.6 gm
Glycerin, USP	QS (5mL)
Flavor, Powder	0.5 gm, OR
Flavor, Water Soluble	2.5 mL
Syrup,NF	50mL Q.S.

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Metronidazole Benzoate is more palatable than Metronidazole Base, which has an extremely bitter flavor. 1.6 mg of Metronidazole is equivalent to 1 mg of Metronidazole Base.

#### SUGGESTED COMPOUNDING PROCEDURES

1. Weigh Metronidazole Benzoate and place in glass mortar and pestle
2. Dry triturate to break down any clumps in the chemical
3. Add enough glycerin into mortar and pestle to form a “paste”
4. Triturate until all Metronidazole Benzoate is broken down and incorporated into liquid
5. Add flavor, then add Syrup until pourable mixture and pour into calibrated final container
6. Perform liquid “washes” in mortar and pestle to integrate remaining chemical
7. Pour each “wash” into final container taking precaution not to go over the final volume
8. Q.S. medication and shake well.
8. Suggested Quality Assessments – follow pharmacy SOPs:
  - a. Weight to Volume calculation
  - b. Color
  - c. Pourability
  - d. Settling
  - e. Resuspendability

Store in air tight amber plastic containers

Store Room Temperature

No claims are made as to the safety or efficacy of this preparation. This formulation is provided solely at the unsolicited request of the pharmacist.

Beyond-Use Dates of preparations are conservative estimates by the formulator using reference books, peer-reviewed literature, intended duration of therapy, formulation from commercially available products, organoleptic observations and current USP guidelines. Compounders may have stability studies performed by a reputable laboratory if they wish to extend the Beyond-Use Date. It is recommended that you follow USP <795> recommendations for potency testing.

**Beyond-Use Date is estimated to be 30 days.** Per Trissel's Stability of Compounded Formulations. 3rd E. American Pharmacists Association. Washington, DC. 2005.286-289.

Precautions should be taken to prevent cross-contamination and exposure of ingredients to the compounder and contamination of the preparation by the compounder. Wear appropriate protective equipment . Use safety enclosures (hoods) when weighing and mixing.

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