



# REGIONAL PEDIATRIC PARENTERAL DRUG MONOGRAPH

GENERIC NAME

**metroNIDAZOLE**

**Effective Date:** Sept16-2015

CLASSIFICATION  
**Antibiotic**

OTHER NAMES  
**Flagyl**

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**Revised Date:**

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**ADMINISTRATION POLICY:**

- IV Infusion – May be administered by a nurse
- IM Injection – Not recommended
- Subcut - Not recommended

**RECONSTITUTION/DILUTION/ADMINISTRATION:**

**Available as:** 5 mg/mL-100 mL premixed bag

**Intermittent:** Use premixed solution. No further dilution required. Infuse over 30-60 minutes

**Maximum rate:** 25 mg/minute

**Maximum concentration:** 5 mg/mL

**DOSAGE:**

**Anaerobic Infections**

<b>IV Intermittent</b>	<b>Preterm Neonate</b>	<b>Less than 1200 grams</b>	<b>0-4 weeks</b>	<b>Load: 15 mg/kg/dose then 7.5 mg/kg/dose q48h</b>
	<b>Preterm Neonate</b>	1200-2000 g	Less than or equal to 7 days	Load: 15 mg/kg/dose then 7.5 mg/kg/dose q24h
	<b>Preterm Neonate</b>	1200-2000 g	Greater than 7 days	Load: 15 mg/kg/dose then 15 mg/kg/24h divided q12h
	<b>Neonate, Infant</b>	Greater than 2000 g	Less than or equal to 7 days	Load: 15 mg/kg/dose then 15 mg/kg/24h divided q12h
		Greater than 2000 g	Greater than 7 days	Load: 15 mg/kg/dose then 30 mg/kg/24h divided q12h
	<b>Child, Adolescent</b>			Load: 15 mg/kg/dose (Maximum: 1,000 mg/dose) then 30 mg/kg/24h divided q8h (Maximum: 4 g/24h)

**Trichomoniasis**

<b>IV Intermittent</b>	<b>Neonate (Term), Infant</b>	15 mg/kg/24h divided q8 – 12 h x 7-10 days
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**Renal Impairment:** If CrCl is less than 10 mL/min/1.73 m<sup>2</sup>, decrease dose by 50%

**Hepatic Impairment:** Decrease dosage by 50-67%

**Obesity:** No data

**Maximum rate:** 25 mg/minute

**Maximum concentration:** 5 mg/mL



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### STABILITY/COMPATIBILITY:

**Stability of Final Admixture:** 24 hours at room temperature (protect from light until ready to infuse)

**Compatibility:** Refer to Kings Compatibility Chart

### POTENTIAL HAZARDS:

- GI: metallic taste, dry mouth, nausea, vomiting, diarrhea
- HEMAT: leucopenia, neutropenia
- NEURO: vertigo, ataxia, reversible peripheral neuropathy
- RENAL: dark urine, urethral discomfort
- LOCAL: rash, pruritis, thrombophlebitis

### CAUTION

- neurological disorders
- severe hepatic dysfunction
- co-administration of alcohol or vinegar within 24 hours of last dose – may produce disulfiram-like reaction with nausea, vomiting, flushing, fever, includes medicinal products such as elixirs, co-trimoxazole IV, nitroglycerin IV
- enhances the anticoagulant effect of warfarin

### CONTRAINDICATIONS

- Pregnancy – first trimester
- Pre-existing blood dyscrasias

### ADDITIONAL NOTES

- oral bioavailability 100%; no advantage of IV route over enteral route if GI tube functional