

Appendix 4: Guidelines for Prescribing and Administering Drugs:

A midwife may prescribe and administer the following substances in accordance with the guidelines approved by the Board.

This list indicates the routes of administration and where appropriate, dosage limits for drugs which may be prescribed and administered by a midwife.

Antibiotics for prophylactic treatment of Group B streptococcus:

Drug	Route:	Dosage:
Penicillin G	IV	5 million units initial dose; then 2.5 million IV every 4 hours
Cefazolin	IV	2g initial dose then 1g every 8 hours
Clindamycin	IV	900 mg every 8 hrs (no pharmacy substitution on dose)
Erythromycin	IV	500mg every 6 hrs until delivery
Vancomycin	IV	1g every 12 hrs

Antibiotics for treatment of Mastitis:

Drug:	Route:	Dosage:
Cloxacillin	PO	500mg QID X 7-10 days
Cephalexin (Keflex)	PO	500mg QID X 7-10 days

Antibiotics for treatment of Simple Cystitis and Asymptomatic Bacteriuria:

Drug:	Route:	Dosage:
Amoxicillin	PO	500mg Q8H x 7 days
Ampicillin	PO	500mg q6h X 10 days
Cefexime (Suprax)	PO	400mg daily X 7 days
Cephalexin (Keflex)	PO	500mg q 12 h X 7 days
Macrobid	PO	BID X 7 days
Macrochantin	PO	50mg QID X 7 days

Antifungal agents considered safe in pregnancy and for newborns:

Drug:	Route:	Dosage:
Nystatin	Local	
Clotrimazole	local	
Miconazole	Local	
Fluconazole (Diflucan)	PO	Mother – 400 mg as initial dose then 100 mg BID Baby – 6 mg/kg initial dose then 3 mg/kg daily

Antiviral drugs for prevention of genital herpes:

Drug:	Route:	Dosage:
Acyclovir (Avirax, Zovirax)	PO	800 – 1200 mg per day in divided doses such as 200 mg QID or 400 mg TID. Initiate at 36 weeks gestation and continue until birth.
Valacyclovir Hydrochloride (Valtrex, Apo-Valacyclovir)	PO	1000 mg daily

Drug:	Route:	Dosage:
Carboprost (Hemabate)	IM/IMM	.25mg q 15 min to a maximum of 2.0 mg

Antiemetic

Drug:	Route:	Dosage:
Dimenhydrinate (Gravol)	IM	25-50 mg Q3-4 h
Doxylamine succinate-pyridoxine hydrochloride (Diclectin)	PO	2 tab @ hs, 1 tab in am and 1 tab at mid-day
Promethazine (Phenergan)	IM	25 mg Q3-4 h

Antihistamine

Drug:	Route:	Dosage:
Diphenhydramine hydrochloride	IM	10 -50 mg

Drug:	Route:	Dosage:
Domperidone (Motilium)	PO	Up to 40 mg QID
Entonox	Inhalant	PRN; patient administered

Drug:	Route:	Dosage:
Epinephrine hydrochloride:		
Pediatric 1:10,000 solution	ET or IV	.1 mg/Kg given rapidly, may be repeated in 3 minutes if no response
Adult 1:1,000 solution	IM	.3 mg into the lateral thigh

Drug:	Route:	Dosage:
Ergometrine maleate	IM	.25 mg Q2-4h
Erythromycin ophthalmic ointment	topical	
Folic Acid	PO	According to current recommendations
Hepatitis B immunoglobulin	IM	According to client indicationis
Hydrocortisone	topical	

Drug:	Route:	Dosage:
Oxytocin:	IM	10IU
	IV	5IU bolus for prophalaxis;
	IV	20-40 IU of oxytocin may be placed in 1000 ml of Normal saline or Ringer's Solution and given at a rate sufficient to maintain uterine tone.

Drug:	Route	Dosage:
Intravenous fluids	IV	Normal saline or Ringer's solution; and 2/3 Dextrose, 1/3 normal saline
Lidocaine hydrochloride with or without epinephrine	local infiltration	

Drug:	Route:	Dosage:
Misoprostal (cytotec)	rectally	800-1000µg
	PO	400-600 µg

Drug:	Route:	Dosage:
Naloxone (Narcan)	IM/IV	.1mg/kg
Phytonadione (Vitamin K)	IM	1mg
RhD immune globulin	IM/IV	--300 µg at 28 weeks for prophylaxis against Rh isoimmunization in the Rh negative woman where the father is Rh positive on PRN for antepartum bleed -- 300 µg postpartum if indicated by results of neonatal ABO typing and DAT
Therapeutic oxygen	inhalant	

The following drugs may be carried by a midwife for emergency use and administered following consultation with a physician.

Drug:	Route:	Dosage:
i) Magnesium sulfate	Intravenous/ Intramuscular	Prophylaxis against eclampsia requires 4 mg bolus followed by a solution which delivers 2 gm per hour thereafter. (20 mg/1000 cc in Ringer's solution at 100 ml/hour).
ii) Calcium gluconate: 100 mg/ml	Intravenous	– calcium gluconate is given in 100 mg increments when necessary to reverse any toxic effect of magnesium sulfate
iii) Hydralazine Solution (5-10 mg) according to blood pressure	Intravenous / Intramuscular	

The following drugs may be obtained on a physician's prescription, relating to a particular client, and administered by a midwife.

Drug:	Route:	Dosage:
i) Analgesic		
- Meperidine	Intramuscular injection	75-100 mg Q3/4 hourly
- Morphine Sulfate	Intramuscular injection	10-15 mg Q3/4 hourly
- Fentanyl	Intravenous	25-50mcg Dilute 2ml (100mcg) into 8ml N/S to obtain 10ml (10mcg/ml) May repeat q10min for total dose 200mcg/hr
i) Acetaminophen with codeine (15-30 mg)/ASA with codeine (15-30 mg)	Oral	

