

HIV - INTRAPARTUM orders for Woman at HIGH RISK of HIV or UNKNOWN HIV Status

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DATE ____/____/____ TIME _____
 DD MM YYYY

WEIGHT: _____ KG HEIGHT _____ CM

ALLERGY CAUTION sheet reviewed

Reminders

- ▶ **Prevention of Perinatal HIV Transmission kits containing the required medications are located in Delivery Suite (ADC)**
- ▶ RN to fill in Maternal Information section on Prevention of Perinatal HIV Transmission Kit Reorder Form
- ▶ Refer to HIV - Postpartum Orders for Woman at High Risk of HIV or Unknown HIV status after delivery

Patient Care

HIV Testing

- Perform Rapid HIV test. Refer to the Laboratory section of this order set.
- Perform Prenatal Diagnostic HIV PCR test. Refer to the Laboratory section of this order set.

General Management of Labour

- ▶ **Universal precautions for blood and body fluid with eye protection and gloves**
- ▶ **Avoid artificial or prolonged rupture of membranes (ROM)**
- ▶ **Avoid fetal scalp electrodes, scalp sampling, intrauterine pressure catheter and assisted delivery unless benefit exceeds risk**
- ▶ **Epidural anesthesia is not contraindicated**
- ▶ **Cesarean section not of benefit for prevention of perinatal HIV transmission if in active labour or if there has been ROM**

Medications

- ▶ **If HIV serology (Rapid HIV test or EIA) is POSITIVE or PENDING or HIV serology is NEGATIVE BUT the woman has engaged in any high risk activity in the last 3 weeks then the woman should receive BOTH zidovudine and nevirapine prophylaxis**
- ▶ **Initiate IV zidovudine immediately at ROM, onset of labour, or at least 2 hours prior to cesarean section**
- ▶ Refer to: IV zidovudine Preparation and Administration Protocol
 - zidovudine _____ mg (2 mg/kg/dose) IV over 1 hour STAT once
 - zidovudine _____ mg/hour (1 mg/kg/h) IV continuous infusion until cord clamped
 - nevirapine 200 mg PO once STAT

IV Infusions

- Dextrose 5% in water, IV infuse at 125 mL/h

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Laboratory

HIV Testing

- Rapid HIV Test (Hematology/Chemistry Requisition Inpatients #00051979 - 2 tubes required: send 4 mL in one EDTA tube (lavender top) and 4 mL in one gold top tube))
- Prenatal Diagnostic HIV PCR (PHSA Lab Serology Screening Requisition #00073506 - Send 4 mL in one EDTA tube (lavender top))

General Labs

- Complete blood count (CBC) with differential
- Asparate aminotransferase (AST)
- Alanine aminotransferase (ALT)
- Bilirubin, total unconjugated and conjugated
- Glucose, serum, random
- Creatinine (Cr), serum
- ▶ **If unknown**
 - Hepatitis C virus (HCV) antibody IgG
 - Hepatitis C virus (HCV) , PCR
 - Hepatitis B surface antigen (HBsAg)
 - Syphilis EIA
 - Rubella IgG
 - Varicella-zoster virus (VZV) antibodies, IgG

Consults

- Level 1 Obstetrician
- Oak Tree Clinic 604-875-2250 (leave message after hours)

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