

## MAGNESIUM-FETAL NEUROPROTEC SS

Magnesium Sulfate for Fetal Neuroprotection Short Set

REMINDER: When initiating this order set, recommend completing the appropriate PDOC documentation.

REMINDER: If the planned delivery is for severe preeclampsia or hemolysis, elevated liver enzymes, and low platelet count [HELLP], the full antiseizure magnesium sulfate regimen should be administered as minimal therapy

### NURSING

- Vital signs other than routine:
  - Vital signs Q 1 Hr while on IV magnesium sulfate
  - Temperature Q 4 Hrs while on IV magnesium sulfate
- Assess deep tendon reflexes Q 1 Hr while on magnesium sulfate
- Monitor intake and output Q 1 Hr while on magnesium infusion
- Notify physician if magnesium level > 6
- Monitor for magnesium toxicity: Order magnesium serum level Prn for signs and symptoms of magnesium toxicity which include:
  - Fall in blood pressure
  - Confusion
  - Muscle weakness
  - Difficulty breathing
- Insert indwelling urinary catheter with urimeter. Reason: \_\_\_\_\_

### ACTIVITY

REMINDER: If there are no restrictions nursing will ambulate patient at least four times a day per policy PC-112

- Activity restrictions: BED REST WITH BATHROOM PRIVILEGES
- Activity restrictions: BED REST

### RESPIRATORY

- Continuous pulse oximetry

### MEDICATIONS \*Physician to select ONE regimen only\*

REMINDER: Consider the effect of administering magnesium sulfate if any other tocolytic agent, such as a calcium channel blocker, is being given.

REMINDER: Adjust the dose of magnesium sulfate appropriately if administered to women with altered renal function.

#### \*\*Crowther Regimen

- Magnesium sulfate 40 Gm/1000 mL SWFI Give 4 Gm over 20 mins, then continuous IV infusion  
1 Gm/Hr x 24 Hrs.

#### \*\*Rouse Regimen

- Magnesium sulfate 40 Gm/1000 mL SWFI Give 6 Gm over 30 mins, then continuous IV infusion  
2 Gm/Hr x 12 Hrs.

### OTHER MEDICATIONS

- Calcium Gluconate 1 Gm IV Push over 3 mins Prn S/Sx of Magnesium toxicity. Notify MD if given.

Other medications: \_\_\_\_\_

### LABORATORY - Chemistry

- Magnesium Sulfate Serum Level-Q 6 Hrs

MAGNESIUM FOR FETAL NEUROPROTECTION SS\_V12\_11.07.12 OK FOR PRINTING

MEDITECH NAME: MAGNESIUM-FETAL NEUROPROTEC SS

MEDITECH MNEMONIC: OB.MAGNP

DRAGOO/KANOFISKY

ZYNX-None

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