

UMC Health System OB/GYN MAGNESIUM SULFATE ADMINISTRATION PLAN	Patient Label Here
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PHYSICIAN ORDERS

Diagnosis _____

Weight _____ **Allergies** _____

Place an "X" in the Orders column to designate orders of choice AND an "x" in the specific order detail box(es) where applicable.

ORDER ORDER DETAILS

Patient Care

Vital Signs
 Per Unit Standards, q15 min x 1 hour, then q30 min x 2 hours, then q1h

Monitor Deep Tendon Reflexes
 q1h

Patient Activity
 Bedrest Bedrest | Up to Bedside Commode Only

Insert Urinary Catheter
 Foley, To: Dependent Drainage Bag

Urinary Catheter Care

Strict Intake and Output
 q1h

Communication

Notify Provider of VS Parameters
 Temp Greater Than 100.4, RR Greater Than 28, RR Less Than 12, SpO2 Less Than 95, SBP Greater Than 160, SBP Less Than 90, DBP Greater Than 110, DBP Less Than 50, HR Greater Than 120, HR Less Than 60

Notify Provider (Misc)
 Reason: Magnesium Level less than 4.8 mg/dL, or greater than 8.4 mg/dL, or sign of toxicity (loss of deep tendon reflex, lethargy, respiratory depression)

Notify Nurse (DO NOT USE FOR MEDS)
 Assess breath sounds every 2 hours

Seizure Precautions

Limit Stimuli

Limit Visitors

Dietary

NPO Diet
 NPO

IV Solutions

Total IV fluids are not to exceed 3 liters per 24 hours

LR
 IV, 75 mL/hr IV, 100 mL/hr

Medications

Medication sentences are per dose. You will need to calculate a total daily dose if needed.

A loading dose of 4-6 grams with a maintenance dose of 2-3 grams per hour is recommended unless renal function is impaired or weight of the patient is less than 45 kg

TO Read Back Scanned Powerchart Scanned PharmScan

Order Taken by Signature: _____ Date _____ Time _____
Physician Signature: _____ Date _____ Time _____



OB/GYN MAGNESIUM SULFATE ADMINISTRATION PLAN

PHYSICIAN ORDERS

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ORDER	ORDER DETAILS
	magnesium sulfate <input type="checkbox"/> 4 g, IVPB, ivpb, ONE TIME, Infuse over 15 min, as loading dose. Repeat serum magnesium level 4 hours after the infusion is completed. <input type="checkbox"/> 6 g, IVPB, ivpb, ONE TIME, Infuse over 15 min, as loading dose. Repeat serum magnesium level 4 hours after the infusion is completed.
	magnesium sulfate 40 g/1,000 mL SW OB (magnesium sulfate 40 g/1,000 mL SW - OB USE ONLY) <input type="checkbox"/> IV magnesium sulfate 40 g/1,000 mL SW Final Concentration: 40 mg/mL (0.04 g/mL) FOR OB USE ONLY <input type="checkbox"/> Start at rate: _____ g/hr
	calcium gluconate <input type="checkbox"/> 1 g, IVPB, ivpb, ONE TIME, PRN other, Infuse over 10 min For magnesium toxicity.
Laboratory	
	Magnesium Level <input type="checkbox"/> Routine, T;N, q6h first draw 4 hours after magnesium loading dose. <input type="checkbox"/> Routine, T;N, q12h first draw 4 hours after magnesium loading dose.
	CBC with Differential <input type="checkbox"/> Routine, T;N, q6h <input type="checkbox"/> Routine, T;N, q12h
	Comprehensive Metabolic Panel <input type="checkbox"/> Routine, T;N, q6h <input type="checkbox"/> Routine, T;N, q12h
	Uric Acid Level
	ALT <input type="checkbox"/> Routine, T;N, q6h <input type="checkbox"/> Routine, T;N, q12h
	AST <input type="checkbox"/> Routine, T;N, q6h <input type="checkbox"/> Routine, T;N, q12h
	LDH <input type="checkbox"/> Routine, T;N, q6h <input type="checkbox"/> Routine, T;N, q12h
	Prothrombin Time with INR
	PTT
	Fibrinogen Level

TO Read Back

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