

Obstetric management

- Women with preterm labor, preterm PROM, or fetal indication for delivery at 23 to 31 wks 6 days gestation should receive magnesium sulfate for fetal neuroprotection.
- Exclusions: evidence of renal insufficiency or other medical conditions (e.g. myasthenia gravis) for which magnesium sulfate would be contraindicated.

Recommended treatment protocol

- Magnesium Sulfate: 6-gram loading dose over 20 minutes then 2 grams per hour for at least 12 hours (or until delivery). After 12 hours, unless delivery is anticipated, the infusion should be stopped.

Retreatment

- Retreatment is given any time labor recurs or delivery is anticipated except:
 - Deterioration in maternal or fetal status contraindicating the delay in delivery necessary for retreatment
 - Gestational age is greater than or equal to 32 weeks 0 days
- Magnesium sulfate: 6-gram loading dose over 20 minutes followed by 2 grams/hour. If the previous infusion was discontinued within six hours of retreatment, skip the 6-gram loading dose and start the infusion at 2 grams per hour.