Intravenous magnesium sulfate may relieve restless legs syndrome in pregnancy.

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OBJECTIVE: We report a case of restless legs syndrome that improved after intravenous magnesium sulfate administration.

METHODS AND RESULTS: A 34-year-old gravida 1 para 0 woman, with a 13-year history of restless legs syndrome, was prescribed bed rest due to pre-term labor at 26 weeks. While at rest, the subject experienced severe restless legs syndrome. The subject was later admitted to the hospital for pre-term labor. Treatment for pre-term labor included intravenous magnesium sulfate. RLS symptoms completely resolved during treatment, beginning the first day of administration.

CONCLUSIONS: Studies involving intravenous magnesium treatment for restless legs syndrome have not included pregnant women. The authors propose that intravenous magnesium sulfate may alleviate restless legs syndrome in some pregnant women.

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