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Serial Multilevel Urine Pregnancy Testing to Assess Medical Abortion Outcome: A Meta-analysis

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#### ABSTRACT

**Objectives.** To summarize data on the accuracy of a strategy designed to exclude ongoing pregnancy after medical abortion treatment by observing a decline in urine human chorionic gonadotropin (hCG) concentration as estimated by multilevel urine pregnancy tests (MLPTs) performed before and after treatment.

**Study Design.** We collated original data from seven studies performed by our organization that evaluated the accuracy of the MLPT strategy for assessment of outcome of medical abortion. Our first analysis included data from the five studies in which each participant was evaluated both with the MLPT strategy and with ultrasound or other clinical assessment. Our second analysis combined data from two

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