

# Faster delivery for induction with misoprostol plus cervical foley

November 10 2016

---



(HealthDay)—For women undergoing induction, receipt of misoprostol-

cervical Foley is associated with an increased likelihood of delivery before those receiving either method alone, according to a study published in the December issue of *Obstetrics & Gynecology*.

Lisa D. Levine, M.D., from the University of Pennsylvania Perelman School of Medicine in Philadelphia, and colleagues conducted a [randomized trial](#) comparing four induction methods: misoprostol alone, Foley alone, misoprostol-cervical Foley concurrently, and Foley-oxytocin concurrently. To compare the groups pairwise, a sample size of 123 per group was planned (492 patients overall); 491 were randomized and analyzed.

The researchers found that combination methods achieved a faster median time to delivery than single-agent methods (misoprostol-Foley, 13.1 hours; Foley-oxytocin, 14.5 hours; misoprostol, 17.6 hours; and Foley, 17.7 hours; P significant difference for Foley-oxytocin versus single-agent methods.

"After censoring for cesarean delivery and adjusting for parity, misoprostol-cervical Foley resulted in twice the chance of delivering before either single-agent method," the authors write.

One author disclosed [financial ties](#) to the [pharmaceutical industry](#).

**More information:** [Full Text \(subscription or payment may be required\)](#)

Copyright © 2016 [HealthDay](#). All rights reserved.

Citation: Faster delivery for induction with misoprostol plus cervical foley (2016, November 10) retrieved 18 April 2024 from <https://medicalxpress.com/news/2016-11-faster-delivery-induction-misoprostol-cervical.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.