

Imaging test may help predict the success of labor induction

November 6 2019



Credit: CC0 Public Domain

When labor is induced in pregnant women, one in five women will require an emergency cesarean section. A study published in *Acta Obstetricia et Gynecologica Scandinavica* has demonstrated an effective

way to predict such cases.

The strategy assesses the stiffness of the cervix before [labor](#) is induced, using an imaging technique called shear wave elastography. The method was tested in 475 women, 17.3% of whom required an emergency [cesarean section](#).

"Our study suggests that in the future, ultrasonic assessment of the cervix may replace manual assessment in providing more objective and precise information on the condition of the cervix, which may lead to better management of induction of labor," said senior author Tak Yeung Leung, MD, MBChB, of The Chinese University of Hong Kong.

More information: Jing Lu et al, The predictive value of cervical shear wave elastography in the outcome of labor induction, *Acta Obstetrica et Gynecologica Scandinavica* (2019). [DOI: 10.1111/aogs.13706](#)

Provided by Wiley

Citation: Imaging test may help predict the success of labor induction (2019, November 6) retrieved 24 April 2024 from <https://medicalxpress.com/news/2019-11-imaging-success-labor-induction.html>

<p>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.</p>
--