

Endometriosis test for monitoring disease progression

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Singapore – DotLab announced the results from a new study showing that its endometriosis test, which aids in diagnosing the disease, has the potential to also be used to monitor disease progression and response to therapy. Previous studies comparing the results of the test to laparoscopic surgery, the gold standard for diagnosis, demonstrated the test's high accuracy in detecting endometriosis.

The study was published in *Reproductive Sciences* and was led by Dr. Hugh Taylor, Chair of the Department of Obstetrics, Gynecology, and Reproductive Sciences at Yale School of Medicine and a leading scientist, physician, and academic.

To analyze the potential of the biomarkers to monitor disease progression and treatment response, laparoscopies are required at more than one time point. Therefore, in the study, endometriosis was induced in non-human primates - a robust model for studying the disease - and half of the animals were administered simvastatin, an alternative approach for treating endometriosis, for 90 days.

One in ten women worldwide have endometriosis, and there is currently no accurate, non-invasive way to monitor the disease or response to treatment. "This study is the first to show that the levels of DotLab's biomarkers change with endometriosis treatment," said Heather Bowerman, CEO of DotLab. "We are excited for the potential of the test to not only aid in diagnosing endometriosis, but also monitor disease progression." The company is on track to launch its test for physician ordering later this year.