

# OB/GYN Case Study – Intrauterine Pregnancy

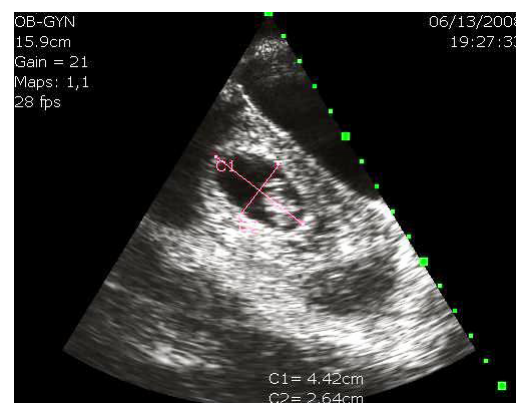
*Courtesy of Dr. Liping Miao, Shanxi Maternal & Children's Healthcare Hospital, Guangzhou, China*

## Patient History

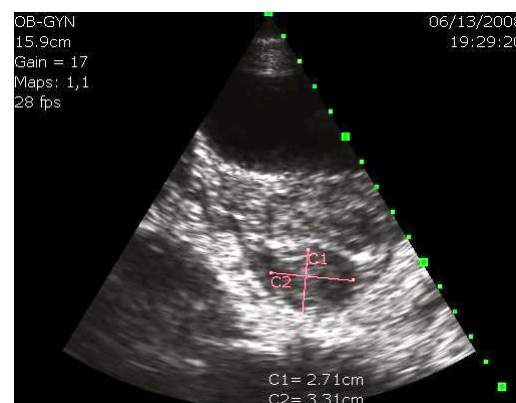
The following case study was conducted by the Department of OB/GYN at the Shanxi Maternal and Children's Healthcare Hospital in Guangzhou, China.

A 36-year-old female patient presented to the OB/GYN department with menolipsis for 63 days. The patient complained of nausea and had been vomiting for more than 20 days. The patient had also been suffering from lower abdominal distention for the last two days without vaginal bleeding. Temperature, pressure and pulse measurements were within normal limits. An ultrasound evaluation was suggested. The ACUSON P10™ ultrasound system was used.

## Image Findings



In this image the ACUSON P10 system scan demonstrates a gestational sac.



In this image the ACUSON P10 system scan demonstrates hystero-myoma-like echo in the uterus.

## ACUSON P10 ultrasound system

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## Clinical Outcome

The clinical picture indicated an early intrauterine pregnancy with positive fetal heart motion and hystero-myoma. Pregnant women with fibroids are at a slightly increased risk of miscarriage, premature labor and delivery, abnormal fetal position and placental abruption. Complications vary based on the number, size and location of fibroids. Multiple fibroids and large submucosal fibroids that distort the uterine cavity are the type most likely to cause problems. A more common complication of fibroids in pregnancy is localized pain, typically between the first and second trimesters.

## Ultrasound Solution

The ACUSON P10 system with its ultra portability and imaging capability can be used in OB/GYN for quick examinations. It improves the routine physical exam by adding a visual tool, thereby allowing for a more confident diagnosis. Its small size enables the doctors to easily carry it in their pockets for initial examination purposes. The storage of images and clips also provide a convenient and effective means of documentation and review.

Standalone clinical images may have been cropped to better visualize pathology.

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