

TWIN PREGNANCY IN EACH HALF OF A UTERUS DIDELPHYS AFTER AN ARTIFICIAL INSEMINATION

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A 33 year-old Spanish woman with medical history of right renal agenesis, uterus didelphys, and polycystic ovarian syndrome.

The diagnosis of uterus dydelphys was made at the age of 13 years old, in that moment the patient underwent a type of surgery in which we made a communication between the right hemiuterus and the right hemivagina that was previously closed. The patient complained of primary infertility. After hormonal and semen study of the couple, we decided to do an artificial insemination. The follicular ovarian stimulation was made with recombinant FSH in standard doses. We made four attempts, the first three were negative and the last one was positive.

When we made the insemination we just visualized the left cervix through the speculum, because the right one is smaller and is located above the other, so we introduced the prepared seminal only through the left cervix.

When we did the first ultrasound test we realized that there were two gestational vesicles with two embryos with positive fetal heartbeat one in each hemiuterus. Subsequent ultrasound controls showed the evolutionary gestation. Now she has spent the first trimester. Twin pregnancy in each half of a uterus didelphys is a rare occurrence, and estimated incidence of approximately 1 in 1 million has been reported.

We report an even more unusual case because occurs after assisted reproduction therapy.