

Inexplicable Pregnancy

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A patient R H A age 24 years, married for 3 months came on 10th September 1997 with the complaint of irregular menstruation since menarche. Her menarche was at the age of 14 years and her cycles being 4-5 / 45-60 days.

She had H/O appendicetomy done 3 years back and no other illness in the past.

On examination she was averagely built and nourished. Her breasts were well developed with no galactorrhoea. No hirsutism.

Per speculum examination revealed a blind vaginal pouch, only lower one third of the vagina being present. No obvious opening seen in the blind vaginal pouch to explain her menstruation. Patient was again asked about her full and true menstrual history, which was same as before.

Ultra sound on 15th September 1997 revealed retroverted normal size uterus with 6 mm endometrium. Both ovaries were normal in size and echopattern. Only upper one third of vagina could be visualized. Both kidneys were normal. Endovaginal sonography confirmed the above findings.

Patient was given progestational challenge test and was called back on first day of her menstruation to see the location of menstrual flow. Patient reported back on first day of menstruation that is 25th Sept 1997. When examined to my surprise, menstrual flow was coming in spurts through urethral opening. So provisional diagnosis of congenital vagino – urethral fistula was made.

After consultation with urosurgeon and full explanation to the couple, she was advised to undergo urethro – cystoscopy to locate the fistulous path. Patient did not come for the urethro – cystoscopy due to family problems.



Fig 1. Menstrual flow seen from urethral opening

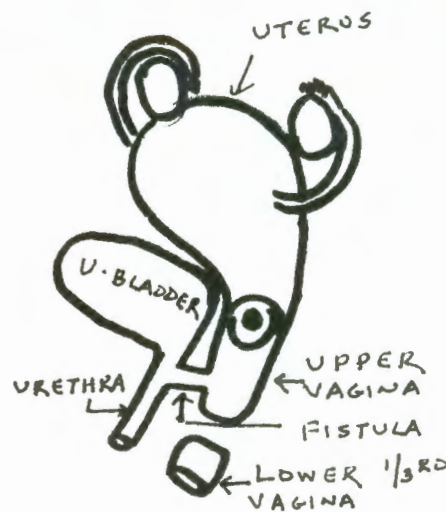


Fig 2. Diagrammatic explanation of probable fistula

Patient came back on 16th of Dec. 1997 with H/O one and half months ammenorrhoea and nausea, vomiting. Urine pregnancy test Elisa came positive on 17th of Dec. 1997. Ultrasonography on 31st Dec. 1997 revealed a single intrauterine gestational sac with seven weeks live embryo. Repeat USG on 28th Jan. 1998 showed single intrauterine viable fetus showing gestational age of 12 weeks.

Patient is continuing the pregnancy and is 18-19 weeks pregnant now.