# Laparoscopic Management of Ovarian Gangrene in MRKH Syndrome 

Laparoscopic Management of Ovarian Gangrene in MRKH Syndrome Ritu V Jain<br>Consultant - Shri Mahaveer Hospital, Raipur,CG,India.<br>Assistant Professor- RIMS Medical College, Raipur,CG,India.

Mayer-Rokitansky-Küster-Hauser (MRKH) syndrome is characterized by congenital aplasia of uterus and upper part of vagina with normal development of secondary sexual characteristics and normal 46, XX karyotype. Women with this syndrome usually present at young age with primary amenorrhea as first sign.

Our patient (MRKH type 1) was married with no coital difficulty due to adequate vaginal length; patient did not report to hospital for treatment of primary amenorrhoea/ infertility, it was torsion of ovarian cyst which gave rise to chronic lower abdominal pain for which patient reported, at 34 years of age- rather late \& uncommon presentation, which was managed successfully by laparoscopic route and ERAS protocol.
In MRKH the ovaries are normal, oestrogen-dependent pathologies such as leiomyomas, adenomyosis and neoplasms can develop in a rudimentary uterus or in Müllerian remnants. MRKH presenting with pelvic mass, differentials considered include masses arising from Müllerian remnants, ovaries (fibroma), gastrointestinal stromal tumour (GIST) of intestine and extravesical leiomyoma of urinary bladder.USG- Doppler \& MRI has an accuracy of $100 \%$ in diagnosing Müllerian anomalies. In vitro fertilization with own oocyte and surrogacy can be offered to patient of MRKH desirous of pregnancy, hence individualise and treat conservatively.
Corresponding Author :

## Ritu V Jain

Consulting Laparoscopic Gynaecologist \& Infertility Expert.
Shri Mahaveer Hospital.
B- Building, Dani VILLA,
Bhagat Singh Square,
Opp Pahuna- State Guest House,
Main Rd Shankar Nagar, Civil Lines,
Raipur, CG,India - 492001.
Email- bijaleejain@yahoo.com
Phone- 9669673000.

Primary author: JAIN, Ritu (Shri Mahaveer Hospital and RIMS Medical College.)

