

Editorial

Dear Readers,
Greetings and good wishes!

The importance of luteinizing hormone (LH) in the biological process of follicular development and oocyte maturation cannot be overemphasized. Information regarding what is the level of LH which is optimal during controlled ovarian stimulation and which are the subsets of women who benefit from exogenous LH, if it is exogenous LH, whether it is in the form of hMG/rLH, remains elusive. Review article by Dr Arveen gives us better understanding about these elusive aspects.



The lifeline of fetus, the placenta, plays a crucial role for a healthy pregnancy. There are several studies on placenta till date; in this issue, we have one such original article by Dr Muralidhar V Pai that tries to find out the correlation between the midtrimester placental location and pregnancy outcome and thus evaluate its role as a predictor of outcome.

Though rheumatic heart disease (RHD) in pregnancy has a better prognosis compared with other cardiac diseases in pregnancy, it is not that it is not met with morbidities both with the mother and the baby. We have a second original article by Dr Uma Pandey that studies the maternal and neonatal outcomes of pregnancies complicated by RHD.

We all know pyospermia increases the oxidative stress. There are several studies in literature investigating the efficacy of antibiotic therapy in patients with pyospermia to improve the reproductive outcome. A study by Dr Richa Agarwal studies the effect of doxycycline on pus cells and oxidative stress in males with pyospermia.

The effect of intrauterine instillation of granulocyte colony-stimulating factor (G-CSF) on endometrial thickness and clinical pregnancy rate in women undergoing *in vitro* fertilization (IVF) is an observational study by Dr Vidhi Shah, which is a new therapeutic approach in treating patients with thin endometrium and repeated implantation failure (RIF).

In the current issue, we have two case reports: one on term pregnancy following myomectomy for leiomyomatosis and the other on partial vaginal agenesis with transverse vaginal septum.

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Editor-in-Chief