

Dear all,

Greetings!!

It gives me immense pleasure to bring to you all the first issue of IJIFM 2020. The issue contains a mix of articles related to reproductive medicine and fetal medicine.

The first article is about comparative study of role of relatively less studied fetal renal artery Doppler compared to fetal umbilical artery Doppler in cases of mild-to-moderate fetal growth restriction. Renal artery Doppler was found to be more reliably predictable of adverse perinatal outcome in this study.

The second article highlights the role of hysteroscopy in infertility. Assessment of uterine cavity is integral part of infertility evaluation and hysteroscopy becomes important modality in cases of recurrent implantation failures, recurrent pregnancy loss and cases where HSG demonstrates uterine cavity abnormality. In almost one-fourth of cases uterine cavity abnormalities were detected on routine hysteroscopy.

It has been seen that optimal vitamin D levels in antenatal period leads to optimal maternal and perinatal outcome. Vitamin D deficiency in pregnancy has been correlated with antenatal complications like preeclampsia, preterm labor, increased risk of GDM and adverse fetal outcome. The article on vitamin D in pregnancy highlights the significance of measuring vitamin D in pregnancy and its correlation with various maternal and fetal outcome parameters.

Male partner is responsible for almost half of cases of infertility in one way or the other. The article on sperm abnormalities assesses the type of abnormalities found in a district of Kanyakumari.

The case reports address rare cases of a case of fetal MRI diagnosis in case of fetal choledochal cyst and a case of umbilical vein varix. Besides this a series of interesting case series on nonimmune fetal anaemia has been included in this issue.

Hope you all find this issue interesting.

Looking forward to your suggestions and contribution to future issues by sharing your clinical and research experience with your fellow colleagues.

Thank you !!

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