

Greetings!!!

I feel immensely privileged to bring to you the first issue of 2021. With the start of the new year, new hope has built up with the Covid vaccination drive. Hope this will soon bring happiness and good health to everyone round the globe!!

This issue is a compilation of research articles and an interesting case report. With oocyte vitrification becoming a commonly used practice in ART centres these days, there is a need for more evidence based data to throw light on ART outcomes in oocyte vitrification programmes. A Study by Rutvij Dalal et al. retrospectively analyzes oocyte cryopreservation data collected over a period of 5 years, between two centers, with a standardized vitrification-warming technique.

The article comparing the outcomes between fresh versus frozen oocyte cycles shows comparable outcome as far as oocyte survival, fertilisation, blastocyst formation, implantation and live birth rate are concerned. Folate metabolism plays a major role in DNA repair mechanism.

An article by Nandhini Balunathan on the study of MTHFR gene polymorphism in 50 infertile men with non-obstructive azoospermia, reveals increased rate of A1298C polymorphism of the MTHFR gene in infertile men.

A study by Gilmar P Siva investigates the potential relationship between seminal complements (C3 and C4) and immunoglobulin (IgA and IgG) levels and seminal parameters (SPs) in chronic hemodialysis patients. Patients on long term haemodialysis are prone to chronic infections. In a cross sectional study of 60 patients on chronic haemodialysis, the authors studied levels of immunoglobulins and complements. From this study no relationship was observed between the seminal Ig (IgA & IgG) and complements (C3& C4) levels and seminal parameters in these men.

Today every pregnancy needs evaluation to rule out aneuploidy at an early gestational age. The last decade saw tremendous development in the field of prenatal screening for aneuploidy. An observational study over three years by Abhijeet Kumar and team underlines the trends in aneuploidy screening practices in a tertiary level fetal medicine unit. The study highlights the rise in aneuploidy serum screening in the population and its acceptance rate in antenatal females.

Khetarpal Hospital brings us a rare case report of a nulliparous young female, who presented in the outpatient department with complaints of primary infertility and intraoperatively was found to have B/L tubal anomaly (congenital) during laparoscopy.

Hope you all find this issue interesting.

Looking forward to your feedback and to more and more contribution to IJIFM.

Stay Safe!! Stay Healthy!!!

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