

**JAWAHARLAL INSTITUTE OF POST GRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER)
PUDUCHERRY- 605 006**

(An Institution of National Importance under the Ministry of Health and Family Welfare, Government of India)



TELEMEDICINE SERVICES

National Medical College Network (NMCN)
Regional Resource Centre (RRC) JIPMER



No. JIP/TELE-CGR/VC/2020/01/11

Date: 10/01/2020

To

The HOD

Department of Transfusion Medicine
JIPMER

Sub: Telemedicine – Video Conferencing CGR Session between JIPMER and SGPGIMS, Lucknow on
11th January 2020 at 8:00 to 9:00 am - Reg.

This is to inform you that there will be Video Conferencing CGR Session will be held.

Date/Time: 11/01/2020 (Saturday) at 8:00 to 9:00 am

Topic: IMMUNOHEMATOLOGICAL ASSESSMENT IN RH(D) SENSITIZED PREGNANCIES- OUR EXPERIENCE

Summary: Immune-HDFN (Hemolytic disease of fetus and new born) is defined as destruction of red blood cells of fetus and neonate by maternal IgG alloantibodies against RBC antigen acquired from the father wherein mother is negative for that specific RBC antigen.

Although many types of red cell antibodies can cause HDFN, anti-D is one of the most common most important cause. Immuno-prophylaxis with RhIG has reduced the incidence of RhD HDFN to less than 0.1% in developed countries. However, in many developing nations including India, HDFN due to anti-D is quite common and needs better and timely management to avoid fetal and neonatal mortality.

Antibody characteristics like specificity, level in maternal serum and IgG subclass etc. affects fetal outcome in many ways. In this CGR we are presenting two-year data of retrospective analysis of immune hematological investigations in RhD sensitized antenatal cases with emphasis on antibody characteristics affecting HDFN outcome. In this study the traditional subjective method of antibody quantification by titration was also compared to quantification by Flow cytometry. This analysis might be helpful in better management of HDFN in future.

Between : SGPGIMS, Lucknow – KEM, Mumbai – AIIMS, Delhi – NEIGRIHMS, Shillong – IMS, BHU, Varanasi – TMC, Trivandrum - IGMC Shimla, – JIPMER, Puducherry.

Venue : Telemedicine Center, Department of Plastic Surgery, 4th Floor, SSB Block, JIPMER.

Contact : Mr. Mohamed Ishaq (M-9751590265) / Ms. Kavitha (M-9789114987) / Mr. Ramachandran (M-9629959807)

Kindly inform Faculty and Residents to attend.

Thanking you,

Yours Sincerely,

Prof Dr Ravi Kumar Chittoria
Head of IT Wing & Telemedicine