

**DR. DOST MOHAMED KHAN.** M.B.B.S., M.D., D.FM., D.DIAB., BIOETHICS

**Designation:**

Professor and HOD,

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**Educational Background:**

I completed my MD (Pathology) from Dr. NTR University of Health Sciences (2009). I did my Diploma in Diabetology from Annamalai University(2006) and Diploma In Family Medicine from Royal College of General Practitioners (2005) (United Kingdom) Apollo Hospital, India.

**Professional experience:**

I worked as tutor at Narayana Medical College between 2006 – 2009 and as Assistant Professor at Shri Balaji Medical College & Research Institute and Melmaruvathur Adhiparasakthi Institute of Medical Science & Research Institute. Currently, working as Professor and Head in the Department of Pathology at Shri Sathya Sai Medical College & Research Institute.

**Area of expertise:**

My area of expertise is provision of fresh frozen plasma from blood bank. It is a blood product made from the liquid portion of whole blood. It is used to treat conditions in which there are low blood clotting factors (INR >1.5) or low levels of other blood proteins. It may also be used as the replacement fluid in plasma exchange. FFP is used in the following situation.

1. Rare bleeding disorders when specific factor concentrates are not available.
2. Patients who are anticoagulated with warfarin are deficient in the functional vitamin K dependent coagulation factors II, VII, IX and X, as well as proteins C and S
3. Antithrombin III deficiency
4. Immunodeficiencies
5. Thrombotic thrombocytopenic purpura