



DR. JOSEPH CHANDY

Consultant - Transfusion Medicine

Qualification

MBBS | MD (Transfusion Medicine)

Overview

Dr. Joseph Chandy is an experienced specialist in transfusion medicine. With a focus on blood transfusion safety, patient blood management and quality in the transfusion chain from blood collection to blood component administration. He is trained in donor and therapeutic apheresis procedures like plasma exchange, RBC exchange for sickle cell anemia and thalassemia, peripheral blood stem cell collection for bone marrow transplant etc. Dr. Joseph has performed apheresis procedures with good clinical outcome, mainly Therapeutic Plasma Exchange for neurological, hematological, critical care and other indications. Viscoelastic testing for coagulation using TEG/ROTEM equipment is another area of his expertise. He has been trained in advanced bleeding management using ROTEM in patients to detect clotting/hemostatic abnormalities faster and more precisely than conventional coagulation tests. He is an expert in early detection and guiding treatment in severe hemostatic abnormalities like DIC, PPH and hyperfibrinolysis using viscoelastic testing. During postgraduate training he has been part of managing a dedicated Hemophilia clinic involved in diagnosing hemophilia, factor VIII inhibitor testing and

factor 8 replacement therapy in children and adults suffering from hemophilia. He also has exposure to clinical hematology as part of training in a Hematology department at a tertiary care facility with BMT. During his tenure there he was involved in outpatient and inpatient management of patients with benign and malignant hematological disorders.

Field of Expertise

- Immunohematology
- NAT testing
- Apheresis
- PBSC collection
- ROTEM/TEG guided coagulation assessment

Languages Spoken

- English
- Hindi
- Kannada
- Malayalam

Talks & Publications

- Detection of hyperfibrinolysis in a patient with complete hemostatic failure using ROTEM at National level Emergency Medicine Conference