

Dr. Rela Institute & Medical Centre is a multi-specialty quaternary care hospital located in Chennai, India.

The Institute is within the campus of Sree Balaji Medical College and Hospital, which is spread across 36 acres. It has 14 operating theatres with 450 beds, inclusive of 150 critical care beds.

The Institute is conveniently located 10 minutes from the Domestic and International Airport.

The hospital is designed to provide highly specialized care in various departments with a focus on multi-organ transplantation. Prof. Mohamed Rela, a world renowned surgeon in the field of Liver surgery and transplantation is the Chairman and Managing Director of the Institute.

In addition to quaternary & quality care, is also committed to provide day to day primary and secondary care to the local population, with facilities of international standards.

The Institute would provide comprehensive support to international patients travelling for medical treatment such as language assistance, stay, visa and travel.

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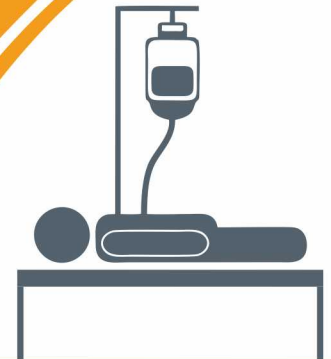
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DR. RELA INSTITUTE & MEDICAL CENTRE
An International Medical Facility



BLOOD TRANSFUSION -INFORMATION-



Department of
Blood Transfusion

What is Blood Transfusion?

Blood Transfusion is a safe procedure in which blood and blood components are given to you through an intravenous access line in one of your blood vessels

What is Blood made up of?

Blood is made up of cells like red blood cells (RBC), white blood cells (WBC) and platelets suspended in a protein rich fluid plasma. The red cells carry oxygen to the different cells of the body, the white cells help to fight infection and the platelets are responsible for clotting of blood.

Why do I need transfusion?

You will need a transfusion to replace blood lost during surgery or serious injuries or accidents, to prevent bleeding and other medical illnesses. Your doctor will order transfusion of only that blood component you will require.

Where does blood come from?

The blood that is stored in blood bank comes from the donation by healthy, voluntary motivated donors. These donors may be relatives, friends or perfect strangers to the patient receiving the blood transfusion. You may donate blood for your own elective surgery (ask your doctor about autologous donation)

What are blood components?

The unit of whole blood is donated by the healthy voluntary donor is split into packed red cells (PRC), platelet concentrates /random donor platelets (PC/RDP), fresh frozen plasma (FFP) and cryoprecipitate by a process of cell separation.

How do I know that the blood I receive is safe?

The blood that is issued from the blood bank is screened for transfusion transmitted infections like Hepatitis B and C, Human Immunodeficiency Virus (HIV I and II), cytomegalovirus, malaria and syphilis by very sophisticated and sensitive tests. The blood component is cross matched with your blood and issued only when found compatible.

What are the risks associated with transfusion?

Only Compatible blood is transfused, however minor reactions to the transfused blood like fever, itching may occur which can be easily controlled without stopping the transfusion. Very rarely, an adverse and severe reaction may occur that requires the cessation of transfusion and further management. Despite all screening tests for transfusion transmitted infections, a small risk of transmission of these exists due to the inherent nature of the infection itself.

Can I Refuse transfusion?

Yes, but you should discuss with your doctor about your reasons for refusal and the benefits and risk of refusal for transfusion
