

What to Transfuse and When: A Dilemma in Clinical Practice

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Blood transfusion is an essential medical intervention that provides blood or blood components to medical/ surgical or critical care patients. Blood banks are an integral part of the hospital setup, providing timely access to blood products in times of need and ensuring safe transfusion strategies through several mechanisms involved.

The whole blood derived from the donation process is centrifuged and separated into various components such as Pack Red cells, Platelets, FFPs, and Cryoprecipitate.

These products can be provided to the patient as per their clinical requirement and demand prescribed by the physician in collaboration with the Haematologist. The utilization of whole blood is discouraged and has been replaced with an approach to the consumption of components. The indication for blood transfusion must be in line with the recommended Guidelines and therefore unnecessary requests must be avoided to prevent adverse events like volume overload, Transfusion reactions, and TTI's.

Disclosure

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