



From left: Mallika Mohandas, chairman, MIOT International, Ambika Mammen, director, MRF, P.V.A. Mohandas, founder and managing director of MIOT International, and Prithvi Mohandas, joint managing director, at the inauguration of the new department on Saturday — PHOTO: G. KRISHNASWAMY

Hospital opens transfusion wing

Staff Reporter

CHENNAI: MIOT International on Saturday launched a department of transfusion medicine to undertake component separation, aphaeresis and leucocytes filtration under one roof.

In component separation, each individual component of blood — packed red cells, fresh frozen plasma, platelets concentrate and cryo precipitate — can be separated and individually given when required.

In aphaeresis, a particular blood component is collected from a donor for use in a patient for therapy, according to a press release.

“We are carrying out leucodepletion as white blood cells have been shown to cause transfusion reaction in recipients. It will identify the recipient as somebody else and start attacking. It can cause allergic reactions. So, we filter the blood to reduce the white cells (leuco filtering). This way, we can prevent reaction to transfused

blood,” said Chezhan Subash, haemato oncologist, bone marrow transplant physician and clinical haematologist, MIOT International.

He said the department undertakes antibody screening to ensure safety of blood/blood products.

M. Joshua Daniel Jeyakumar, consultant, department of transfusion medicine, said the hospital handled 30,000 units of blood/blood products every year. “We do not use whole blood. The four to five blood components can save four to five lives.

He said a plan to tie up with United Kingdom’s National External Quality Assessment Service was in the pipeline.

P.V.A. Mohandas, founder and managing director of MIOT International, said liver and kidney transplants required components of blood. Prithvi Mohandas, joint managing director, said Rs. five crore has been invested in setting up the department.

Ambika Mammen, of the MRF group, inaugurated the department.