



Professional Medical Supplies

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Professional Medical Supplies

NANYA Medical Care

LIFE FOR HEALTH & WELL



南亞塑膠工業股份有限公司
NAN YA PLASTICS CORPORATION

輸血是醫院經常為病人治療的重要方式，在輸血的過程中，血液中的白血球可能會引起不良反應或危害輸血後病患的健康，為避免輸血免疫反應，提高血液品質的安全性，減除血球血液製品近年來已成為全球趨勢，陸續開發出減白過濾器、減白血袋套組、紅血球減白專用套組等產品。

Blood transfusion is one of the important medical measures that hospitals often perform for patients. Blood transfusions are mainly performed for patients with severe trauma bleeding, surgical blood loss or chronic diseases such as cancer to replenish lost or insufficiently produced blood components.

In 2000, medical scholars began to worry that residual white blood cells in blood transfusions might cause adverse reactions or harm the health of patients after blood transfusions. In order to reduce the immune response caused by blood transfusion and improve the safety of blood quality, leukocyte reduction blood products have been a global trend in recent years.

Nanya's leukocyte reduction filter is a technology licensed from Puriblood and is manufactured by Nanya. Puriblood is Taiwan's first professional technology company in the "blood treatment membrane" field. After years of intensive cultivation of basic membrane technology, it has developed medical equipment related to blood treatment and is a leader in zwitterionic technology.

Through Nanya's experience and resources combined with Puriblood's professional technology, we will develop large-scale, high-quality products in a vertically integrated manner, create a complete supply chain, implement localized production, and provide solutions for products in the medical field.

用途	規格
全血過濾 紅血球濃厚液過濾	62.6mm(可提供250ml↓進行過濾) 89.1mm(可提供500ml↓進行過濾)
Suitable for blood products	Outside Diameter
Whole Blood Red Blood Cell Concentrate	62.6mm(Apply to 250ml blood volume) 89.1mm(Apply to 500ml blood volume)



南亞減白過濾器運用ZISC的技術建立一個高度親水性且與人體的全血有相容性的的薄膜除了確保血流的平均分佈也能做初步過濾，有效的減除白血球，白血球的去除可以避免在儲存期間白血球釋放出來之發炎性細胞激素的產生及白血球抗體抗原反應，過濾完成後有效地做血品蒐集。

Nanya's Leukocyte Reduction Filter uses ZISC technology to create a membrane that is highly hydrophilic and compatible with human whole blood. In addition to ensuring the even distribution of blood flow, it can also perform preliminary filtration and effectively remove white blood cells in the central layer. Removal of leukocytes can avoid the production of inflammatory cytokines released by leukocytes and the reaction of leukocyte antibody antigens during storage. Nanya's Leukocyte Reduction Filter can be assembled into a blood bag set with blood bag body, PVC tube and other plastic parts to filter and remove white blood cells from whole blood or red blood cell concentrate.

- 產特色 FEATURE
- 過濾速度快:相較於一般的減白過濾器，平均過濾時間能減少30%
Fast filtration speed: Compared with ordinary Leukocyte Reduction Filter , the average filtration time can be reduced by 30%.
 - 白血球移除率高:透過南亞減白過濾器去除白血球率高達99.99%
High white blood cell removal rate: The white blood cell removal rate through Nanya's Leukocyte Reduction Filter is as high as 99.99%.
 - 紅血球回收率高:過濾後的紅血球回收率高達90%
High recovery rate of red blood cells: the recovery rate of filtered red blood cells is as high as 90%.
 - 血液損失量少:實際殘留在減白過濾器血液損失量小於30ml
Small blood loss: the actual blood loss remaining in the Leukocyte Reduction Filter is less than 30ml.

