

Unfilled Filtration Needs in MedScape: Collection and Delivery Devices

By
Mookie Sternberg
Baxter
Mookie_Sternberg@baxter.com

Filtration is an indispensable operation in Medical collection and delivery devices. In this presentation the filtration processes required in blood and plasma collection as well as transfusion will be described, and needed improvement discussed. Other unfilled filtration needs will be identified in procedures such as Stem cell concentration, Leukofiltration, and IV filtration, commonly practiced in Intravenous transfusions.

Many filtration processes in MedScape involve biological components, and have come to take advantage of interactions between the filter material and the biological components. The high surface area to volume ratio afforded by depth filters and membranes is particularly advantageous in these applications, and need for refinements will be described.