

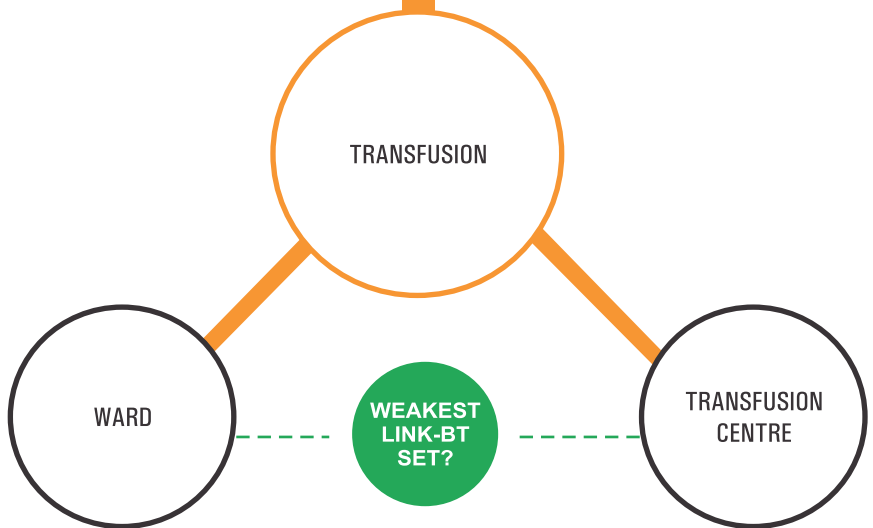
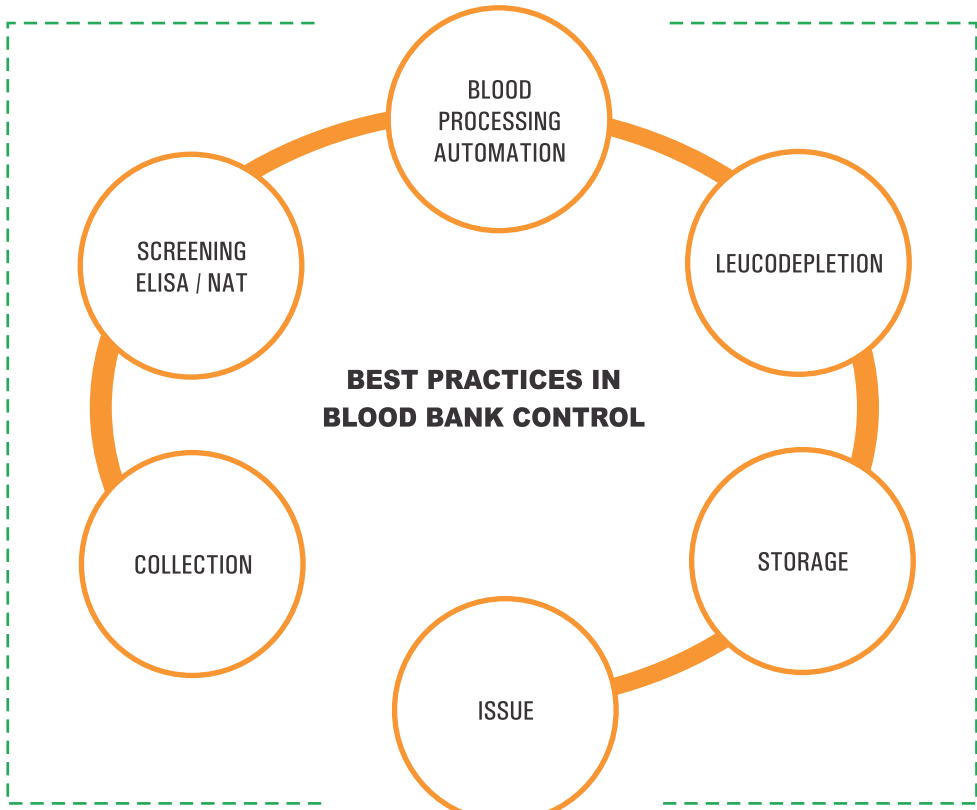


# GO STERILE

TERUFUSION BT SET together with TERUMO PENPOL BLOOD BAGS

ENSURES VEIN TO VEIN STERILITY

**TERUFUSION**<sup>®</sup>  
BLOOD TRANSFUSION SET



**WHY?**

Weak quality system

**RESULT**

Vein to vein sterility gets compromised

# RECOMMEND TERUFUSION<sup>®</sup>

BLOOD TRANSFUSION SET

TERUFUSION BT SET for safety in Blood Transfusion

## TERUFUSION BT SETS UNDERGO STRINGENT QUALITY TESTS ON THEIR PHYSICAL AND CHEMICAL PROPERTIES.

### THE DEVICES ARE CHECKED FOR

- CYTOTOXICITY • BIOLOGICAL PARAMETERS • IMPROVED EFFICACY
- BIO-COMPATIBILITY • STERILITY

#### *"Sudden increased incidents of transfusion reactions from a ward: Root Cause Analysis"*

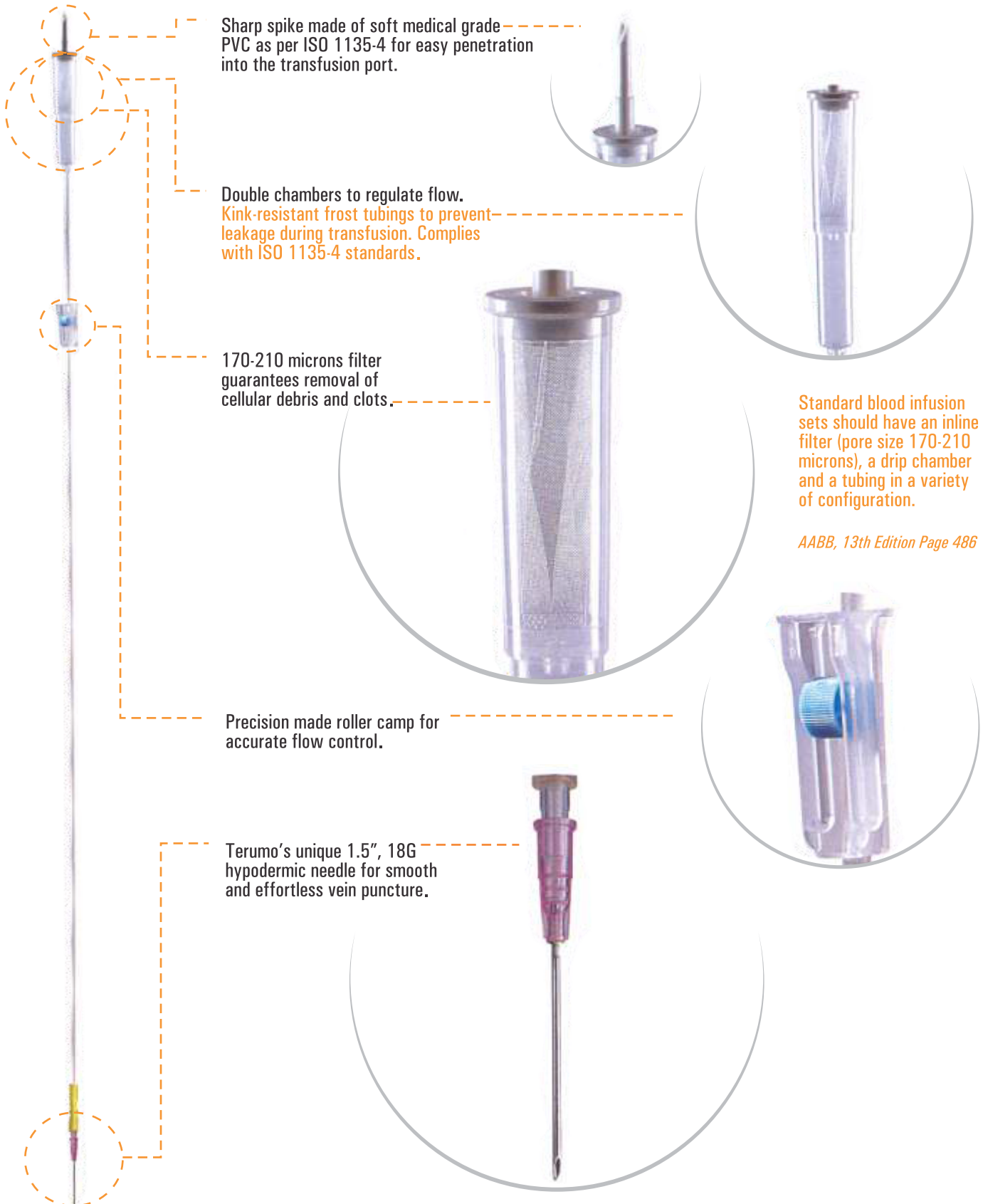
States that the use of poor quality BT sets has resulted in adverse transfusion reactions. The BT sets, which were used on haematology patients, showed no difference except for a subtle change in the color of the blood. Transfusions were stopped to patients presented with chills, rigors, fever, dyspnea and wheezing. The analysis concluded that faulty sterilisation technique or suboptimal integral filter material could have been the cause of the reactions.

*Transfusion 2009, 49 : 409 - 410*

### TERUFUSION BLOOD ADMINISTRATION SET

PRODUCT features	SPECIFICATION	BENEFITS
Spike	54.2+ /-5 (mm) length	Allows easy insertion into Transfusion port.
Protector	47.5+/-5 (mm) length	Tightly fitted in the spike. So sterility is ensured even after taking out from the pouch.
Big Double Chamber	140+ /-5 (mm) length	Allows smooth filtration and flow of blood.
Roller Clamp	45+/- 2 (mm) length	Gives perfect grip and flow can be controlled properly.
Filter Mesh	83 mesh (60mm length)	Ensures smooth filtration. No block during filtration.
Material used in Drip Chamber	Polypropylene	Bio-compatible
Sterility assurance level	(SAL) 10 <sup>-6</sup>	Ensured sterility
Quality system	EN ISO13485 : 2003	Assured as per standards
EOG Sterilization/ Validation & daily control	EN ISO 11135 - 1:2007	Assured as per standards
Biological Tests done (Sterility test done)	Pyrogenic Test Acute Toxicity Test Intradermal Reaction Skin Sensitivity Test Cell Toxicity Test Endotoxin Test	Assured sterility

# PRODUCT ANATOMY



**NO MICROBIAL CONTAMINATION - NO PYROGEN REACTION**

**REGISTERED OFFICE**

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\*\* Due to continuous development specifications are likely to change without prior notice  
 \*\* For distribution in India only