

The Role of the Specialist Practitioner of Transfusion (SPOT) in Blood Stock Management

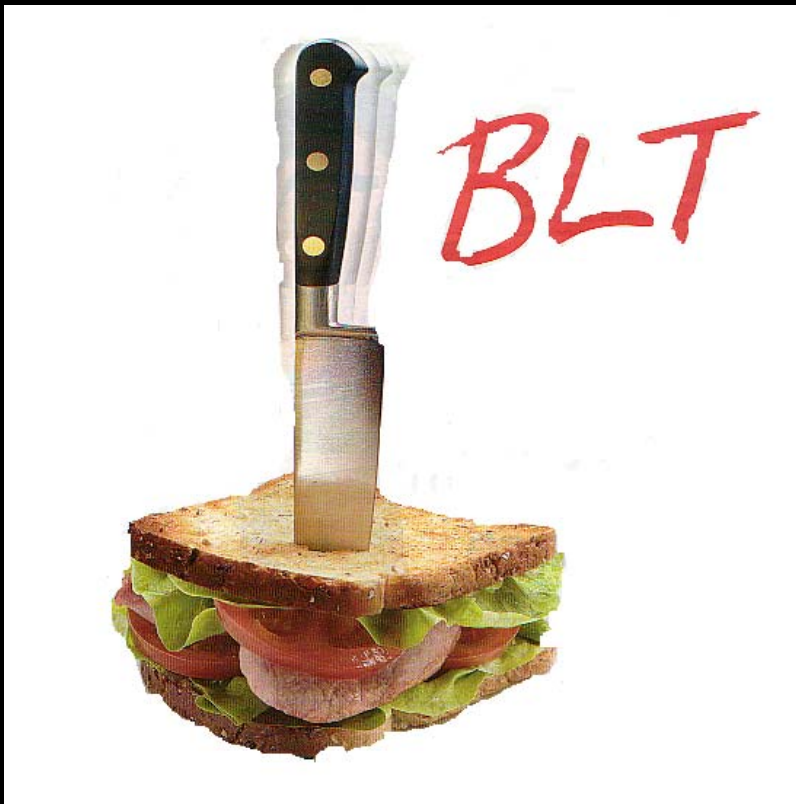


Emily Okukenu

Transfusion Nurse Specialist

Barts and The London NHS Trust

BLT Hospitals



- The Royal London
- St. Bartholomew's
- The London Chest
- Queen Elizabeth Children's Service

- Mile End - Tower Hamlets Primary Care Trust
- Mildmay Mission

Facts and Figures



- 5,500 staff
 - 1,000 doctors and dentists
 - 1,600 nurses
- Over 100 clinical areas
 - 1150 beds
 - 40 operating theatres
 - 1 helipad
 - 2 blood transfusion laboratories & 11 fridges
- Local population – 605,000
 - Speaking 140 languages!

Activity

- 460,000 out patients
- 103,000 A&E attendances
- 84,000 admissions
- 93,771 operations performed on
- 54,000 patients



Transfusion activity in BLT

2001/02

- Group and screen samples 50,100
- Red cell units issued 53,600
- Red cell units used 32,000
- Platelets 5,900
- Fresh frozen plasma (FFP) 5,400
- Cryoprecipitate 1,800



Education

- Launch of new Trust policy
- Qualified nurses and doctors at induction
- Visiting lecturer at City University
 - Pre registration student nurses
 - Post registration clinical nursing courses
- OSCE stations for nursing and medical students
- Workbook for updates
- Troubleshooting



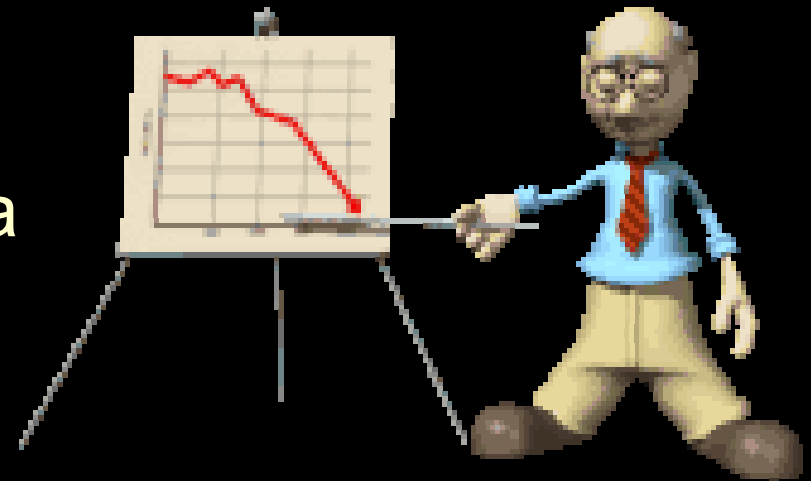
Troubleshooting

- Wastage
- Inappropriate requests
- Breaches of Trust policy
- Mis/abuse of fridges



Audit

- Junior doctors' knowledge
 - Pre and post TNS appointment
- Compliance with Trust policy
- Red cell usage in cardiothoracic surgery
- Iron deficiency anaemia in surgical patients





Projects

- Cell salvage
- Autologous deposit
- Presentation to Trust Executive Team
- Review of service provision to LCH
- Proposal for audit co-ordinator

BSMS data



- Group average WAPI 1.4
- SBH average WAPI 0.7
- RLH average WAPI 2.6
- BLT average WAPI 1.65

WAPI

- Wastage As a Percentage of Issue

Summary



- Over the last year ideal stock levels have reduced
- Activity in the Trust has increased
 - £2 million pounds worth
- Expenditure on blood products has not increased