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

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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!
• 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
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