

# Blood Track and Blood Wastage at Leeds Teaching Hospitals

Debbie Horwood

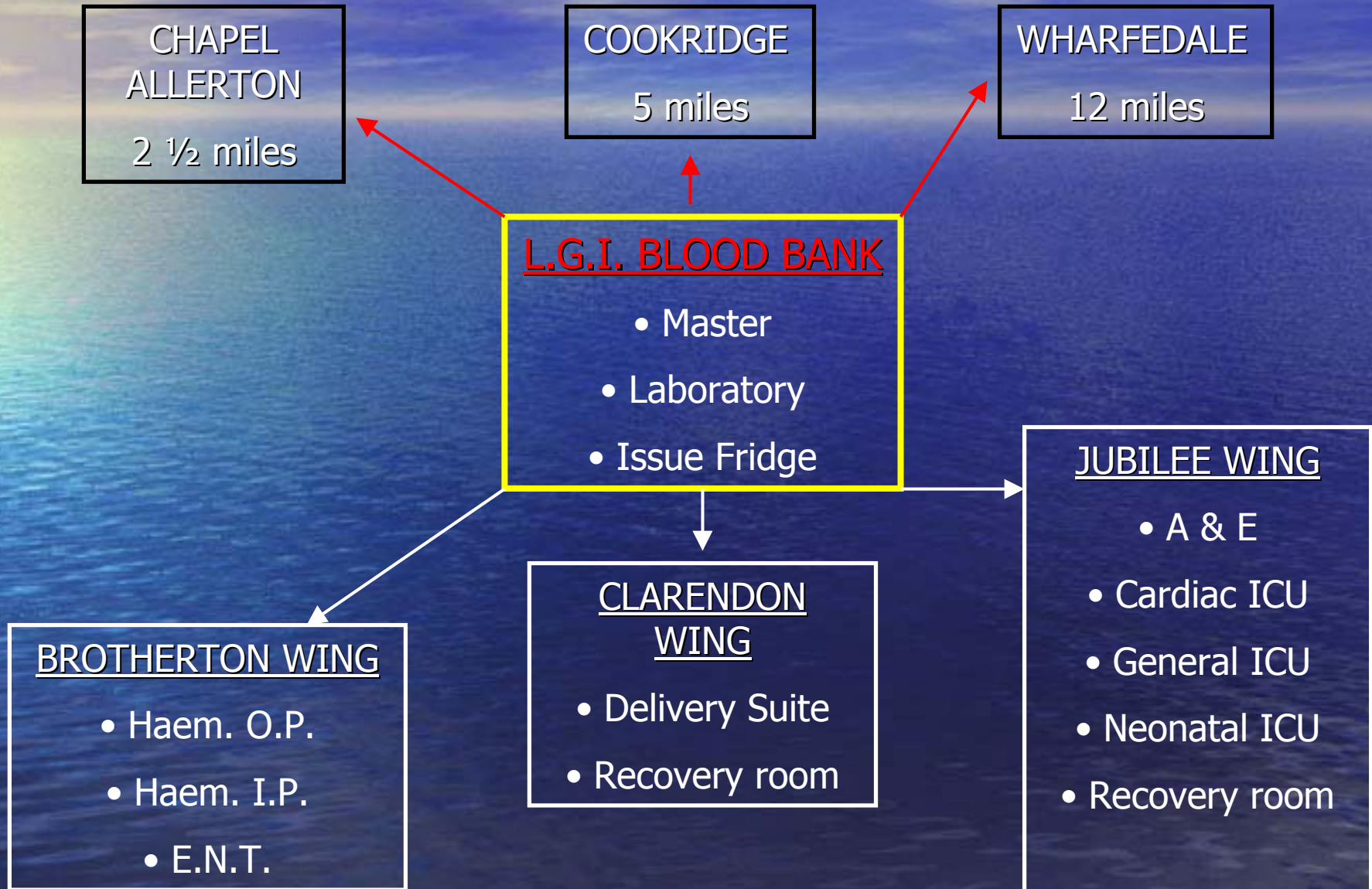
BMS 1

St. James's University Hospital

# Previous Systems

	S.J.U.H.	L.G.I.
No. of refrigerators	10	14
Satellite Units	1	3
Bank Type	OPEN	CLOSED
Transported by	ANYONE	LIMITED
Audit Trail	NONE	PAPER
Units XM/Month	3,100	3,870
Wastage/Month	14 (0.5%)	54(1.4%)

# Blood Track Units LGI



# Blood Track Units S.J.U.H.

SEACROFT

2 ½ miles

## S.J.U.H. BLOOD BANK

- Master
- Laboratory
- Issue fridge

### BECKETT WING

- Haem. O.P.
- Ward 32

### CHILDRENS DAY HOSPITAL

### CHANCELLOR WING

- CW Theatres

### GLEDHOW WING

- Labour Ward

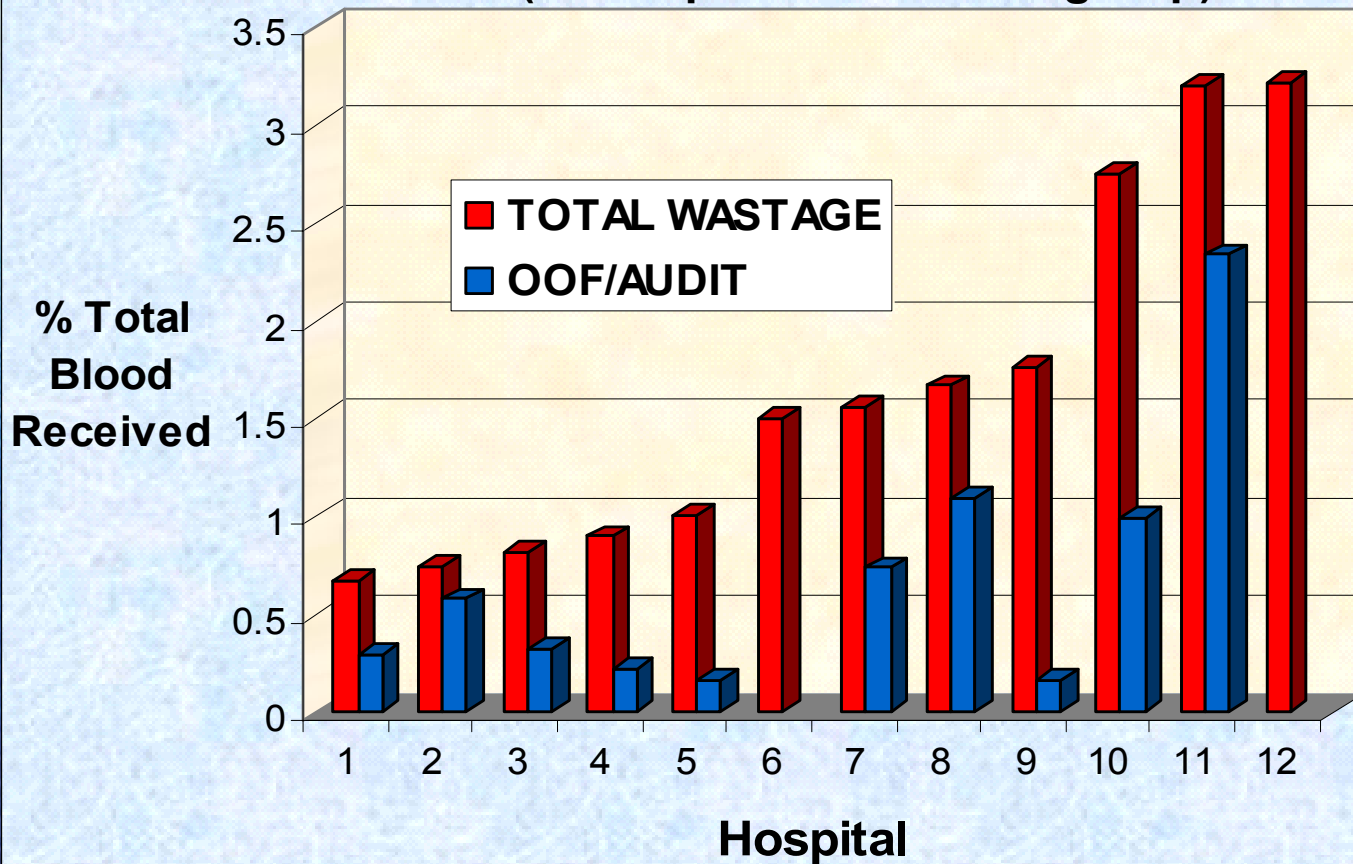
### LINCOLN WING

- GG Theatres
- ICU

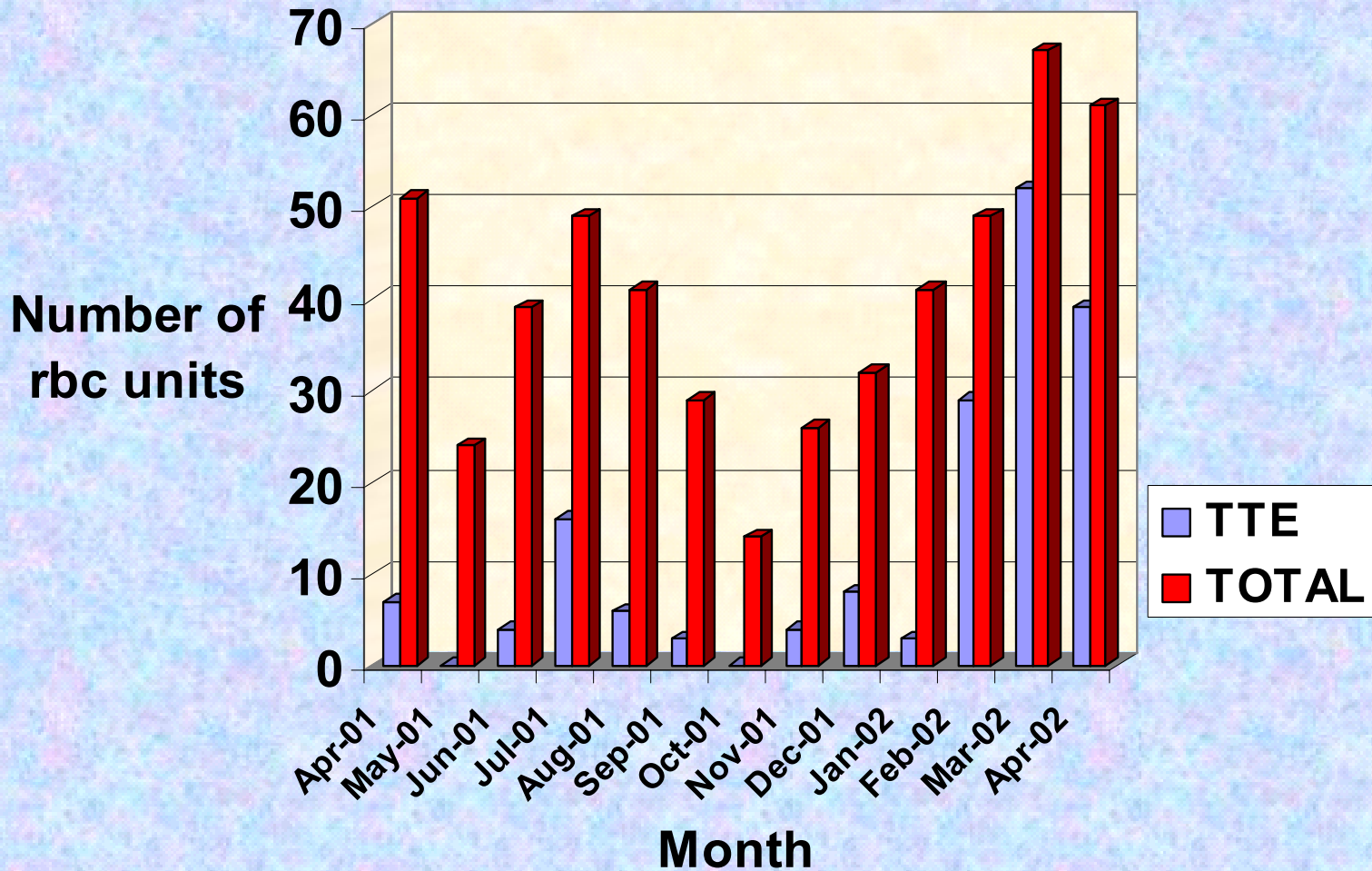
# Blood Wastage and Audit Trail

## Blood Wastage 2000-2001

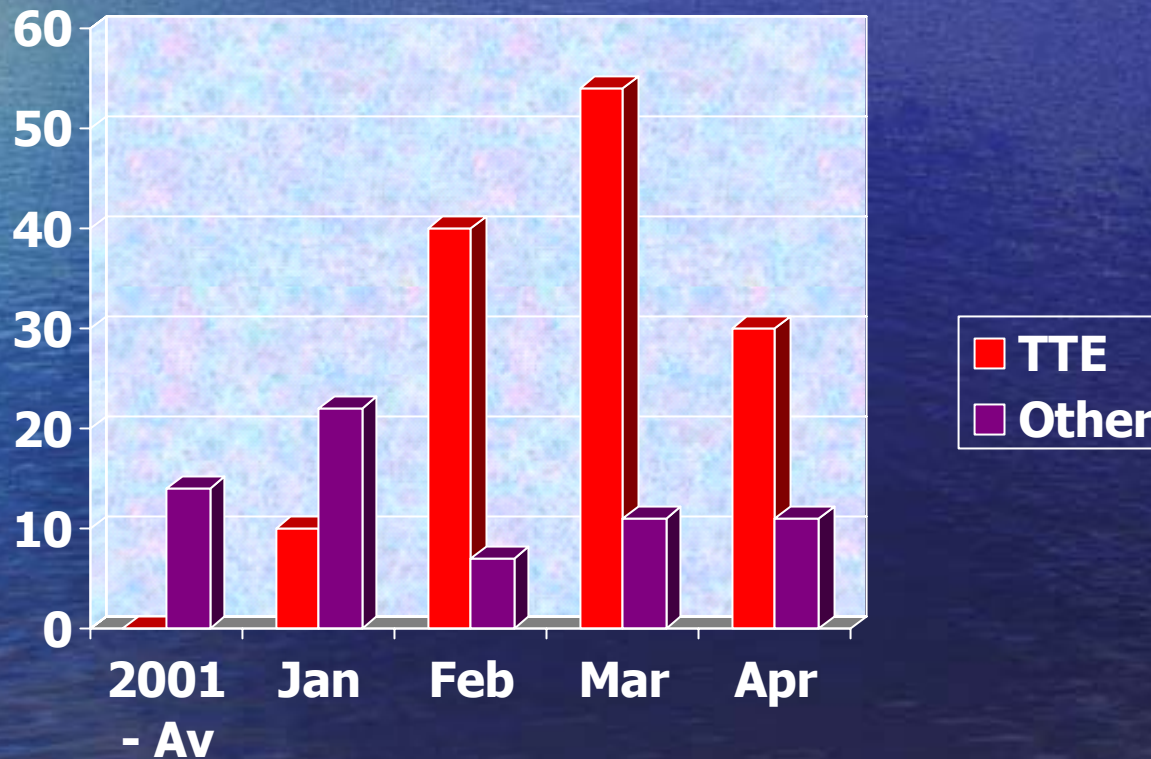
(12 hospitals same user group)



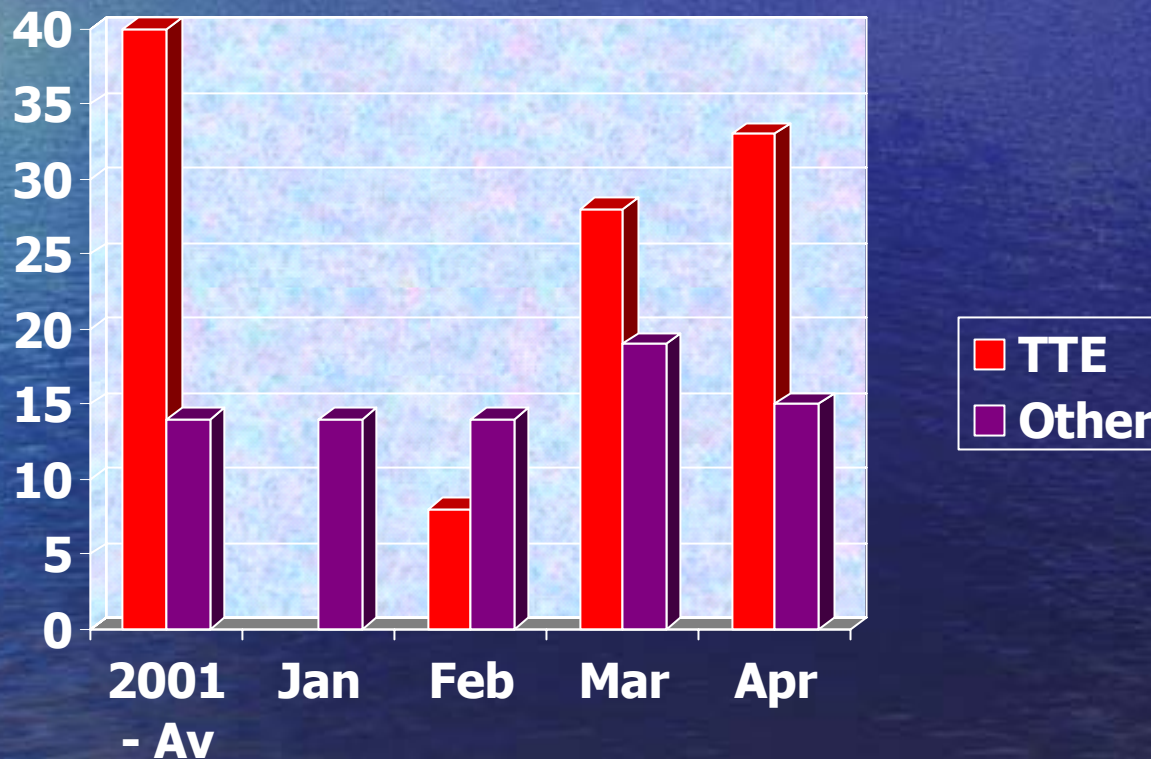
# Blood Wastage SJUH



# Impact on Blood Wastage - SJUH



# Impact on Blood Wastage - LGI



# Safety versus Wastage

- Consumer protection act 1987 defines labs as suppliers (Product liability 1988).
- Waste versus removal of dangerous units.
- Provides better audit trail, can be expanded.
- Banks secure, with ID access.
- Staff trained before access allowed.

# Combating Wastage

- Hopefully wastage peaking
- Formal Training (induction of new staff)
- Inventory / Housekeeping; weekly
  - Retraining offending staff
  - Removal of generic cards
- More blood issued into cool boxes

# Combating Wastage 2

## BUT:

- High staff turnover in some areas
- Large number of locum/bank staff in key areas
- One large case can cause a lot of wastage

# Other Aspects

- Reduced disputes over blood delivery
- Increased profile of Blood Bank & blood wastage
- 'BAD' units cannot be re-used
  
- TTE wastage up, but some other categories down
- More knowledge about bad practice.

# Future Developments

- TelePath Interface
  - Patient details
  - Updates stock locations
  - Updates stock availability
  - Real time updates to BB system  
(Electronic Results System)
- Validation of correct units collected
- Bedside validation