The Role of MSBT

Prof Lindsey Davies CBE
Chairman
SHOT 2004

Majority of errors are in the collection of the sample from the patient and at the bedside in the administration of blood.

The minority are related to the safety of blood
SHOT 2004

Majority of errors
Remit of NPSA and DH delivery team.

Minority are related to the safety of blood
Remit of MSBT
MSBT
Advisory Committee on the
Microbiological Safety Blood and Tissues for transplantation
MSBT

Terms of Reference
Advise Health Depts of UK on measures to ensure microbiological safety of Blood and Tissues

Whilst also maintaining an Adequate Supply of appropriate quality
MSBT

MSBT Members – Experts

- Biological Standards
- Blood Users (surgeons)
- Epidemiology
- Haematology
- Infectious Diseases
- Microbiology
- Public Health
- TSE/Prion Expert
- Virology/BBV
- UK Blood Services

- Lay member
- Tissues Sub Group rep
- Cross Representation with other Committees
- SEAC
- CJD Incident Panel
- NBTC
- NCG
- EAGA
- NPSA/SHOT
MSBT

**Observers**
- MHRA (Medicines and Devices)
- DH policy areas: blood/ transplantation/ BBV/ research/ vCJD
- Devolved administrations

**Secretariat**
- DH Blood Policy Team

**EOR**
- Economic and operational research
MSBT

EOR

2 analysts funded by NBA to work in this DH team

Scientific evidence of risk

Impacts on Public Health

Cost effectiveness of reducing risk

NB Huge uncertainties
MSBT

Risks considered by ACVSB pre-1993

- Hepatitis B
- nonA nonB
- Hepatitis (later named Hep C)
- HIV

Risks considered by MSBT 1994-2004

- Hepatitis C
- SARS
- West Nile Virus
- HTLV1
- vCJD
- Bacterial infection
Triad of safety, supply and demand
Supply side

Despite improvements in NBS marketing there is a shrinking donorbase.
Since 1999 the demand for red cells stabilised then began to fall by approx. 1% in last 2 years

? increase in price + BBT Initiative
Promoting Appropriate Use

Currently an Imbalance

Safe, Secure Blood Supply
(Scales)

Appropriate Use of Blood

A lot of effort and resources
The Key Issue

Key issue:
An adverse transfusion event
And Shortage
can be avoided in most cases through appropriate use
up to 17%?