

# Blood Matters: better, safer transfusion



[www.health.vic.gov.au/best](http://www.health.vic.gov.au/best)



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# Today

In summary:

- What are we trying to do?
- How are we organised?
- How is it going?

# Introduction to Blood Matters

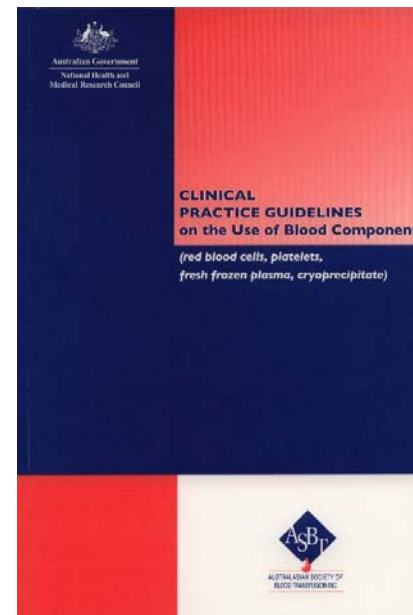
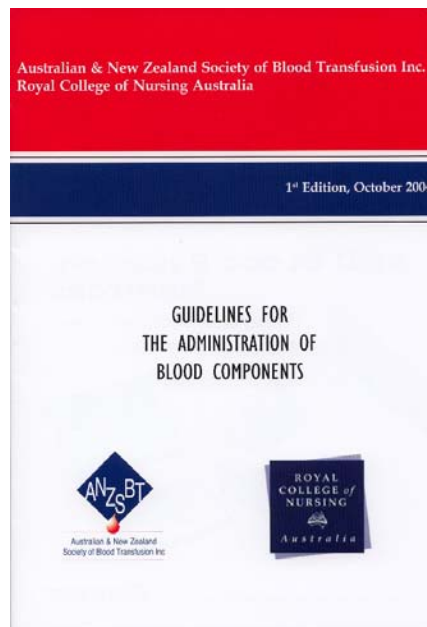
- Previously called BeST
- Established in July 2004   Australian Red Cross  
**BLOOD SERVICE**
- To improve safety and appropriateness of use of blood and blood products in hospitals

# Introduction to Blood Matters

- Includes Tasmania & ACT
- ~150 hospital services
- Consumer representation
- Secretariat and transfusion nurses

# Introduction to Blood Matters

- Our framework: national guidelines
  - NHMRC/ANZSBT 2001
  - RCNA/ANZSBT 2004

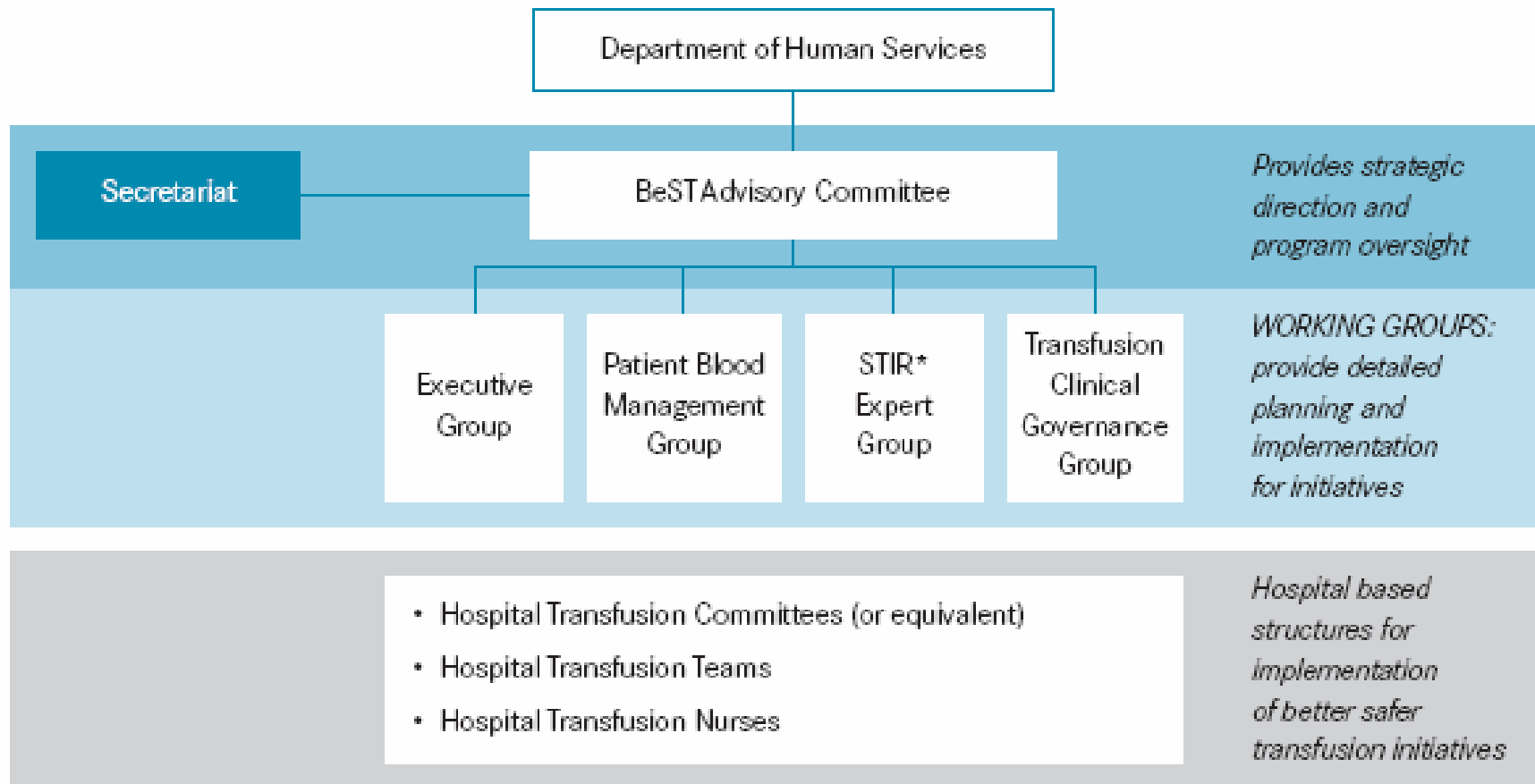


# Priorities (2006-2009)

- Clinical governance
  - Transfusion nurse role, transfusion committee or equivalent
- Patient blood management
  - Implementation of clinical practice guidelines; measurement
  - Incident reporting
- Communications
  - Liaison with state, national and international stakeholders
  - Raising awareness of the program and available resources

# Blood Matters: structure

Figure 1: BeST program structure



\* STIR: Serious Transfusion Incident Reporting

# Governance: HTC's

- Hospital transfusion committee or equivalent
- Victorian policy circular
  - Promote transfusion within **hospital quality framework**
  - Facilitates communication within organisation
  - Members: operations and executive

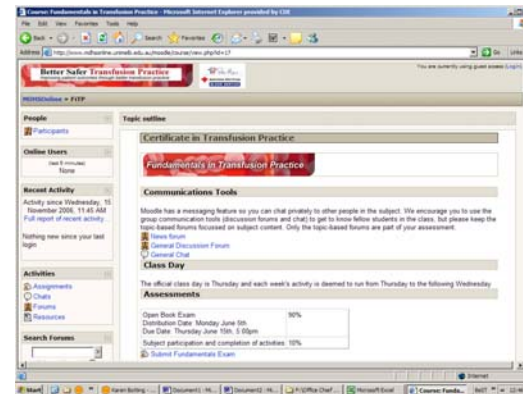


# Governance: purpose of HTC

- to promote transfusion best practice
- enhancement of transfusion awareness and education
- facilitation of policy development
- monitoring and review of the use of blood and blood products
- adverse incidents involving these products

# Governance: HTCs and transfusion nurses

- HTC – 2008 audit (baseline data)
- Transfusion Nurses
  - Metropolitan and regional sites
  - Course: Certificate in Transfusion Practice

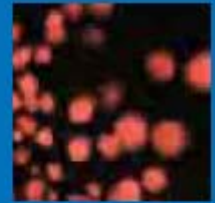


- Online Transfusion Interest Group
- Scholarship/grants for the course and conferences

# Governance: TNs

- Evaluated 2003-2006
- achievements & benefits
- improvement approaches

## Final Report



EVALUATION OF THE HOSPITAL  
BLOOD MANAGEMENT PROGRAM  
TRANSFUSION NURSING IN  
VICTORIA 2003 - 2006

MAY 2007

# Governance: TNs

- Evaluation: achievements and benefits
  - Training
  - Rates of compliance to procedures
  - Incident reporting
  - Availability of local policy, procedures and guidelines

# Patient Blood Management

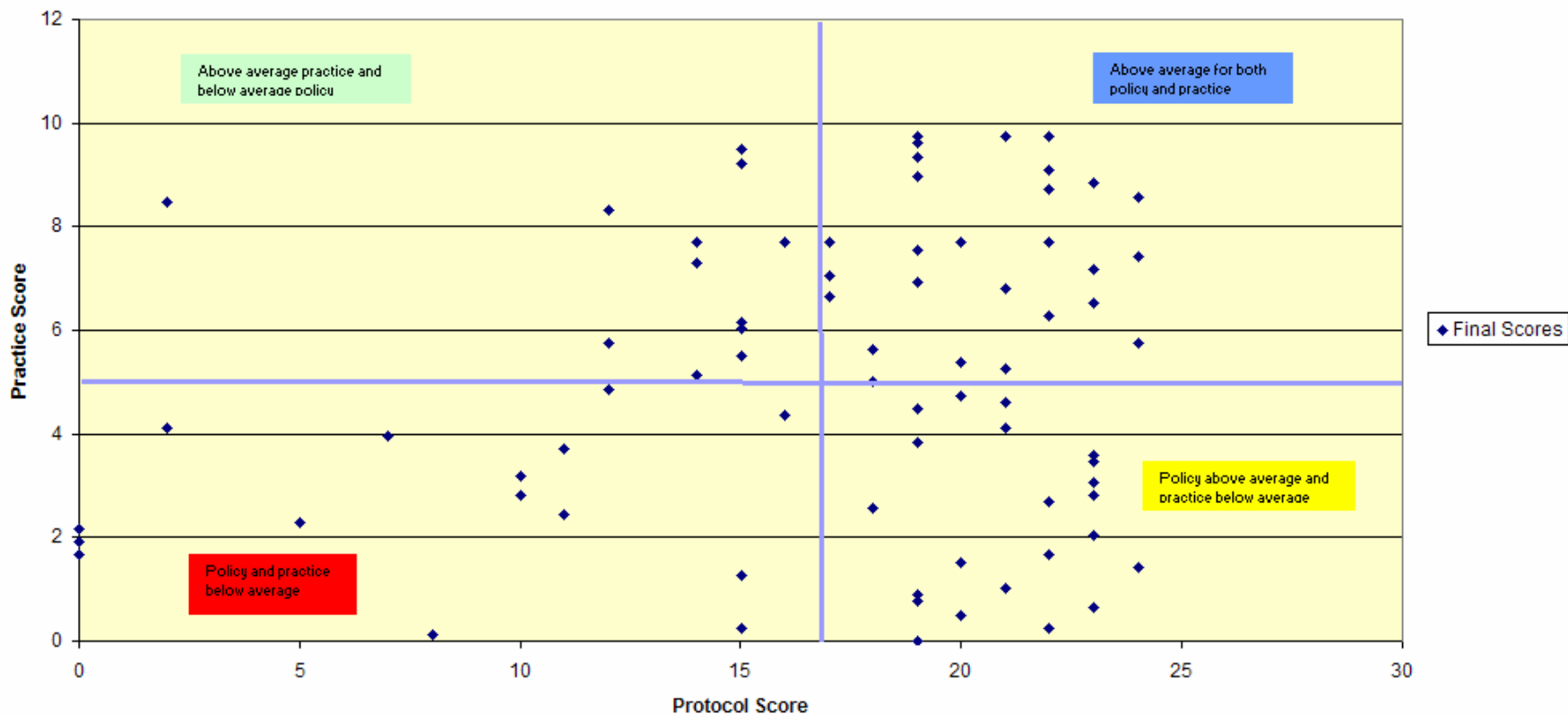
- Using data to drive practice change
- Use tools *to help interpret the guidelines*
- *Schedule of audits*

2005-06	2007-08	2008-09
Blood management in elective orthopaedic surgery	Platelet use	FFP use (REPEAT)
Transfusion policy, procedures & administration practice	Transfusion policy, procedures & administration practice (REPEAT)	Cryoprecipitate use
FFP use		

# Example: Transfusion policy and practice 2005-06 audit

## Protocol-Practice Matrix

Policy Practice Matrix

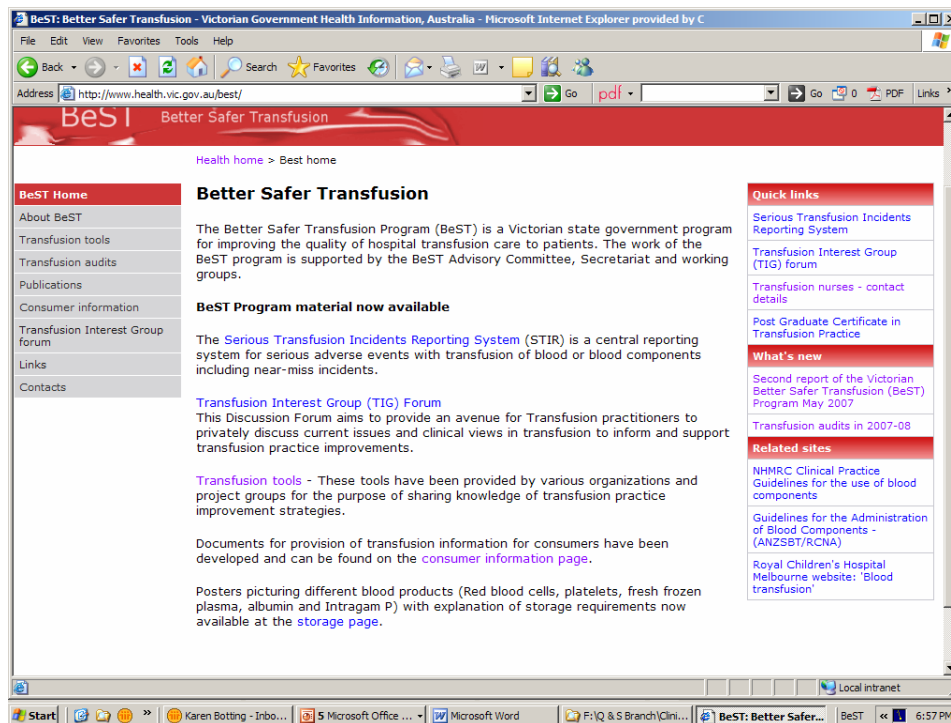


# Incident reporting: Serious Transfusion Incident Reporting (STIR)

- Pilot conducted July to October 2006
- Rolled out statewide in 2007
- National incident system
- Annual report will highlight areas of concern & inform policy and procedure development

# Communications

- Website: [www.health.vic.gov.au/best](http://www.health.vic.gov.au/best)
  - An online library of resources



# Communications

- Collaboration important:
  - Implementation of guidelines
  - Ongoing learning and dissemination
  - Individuals, hospitals, jurisdictions, National Blood Authority

# Comments/Questions

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