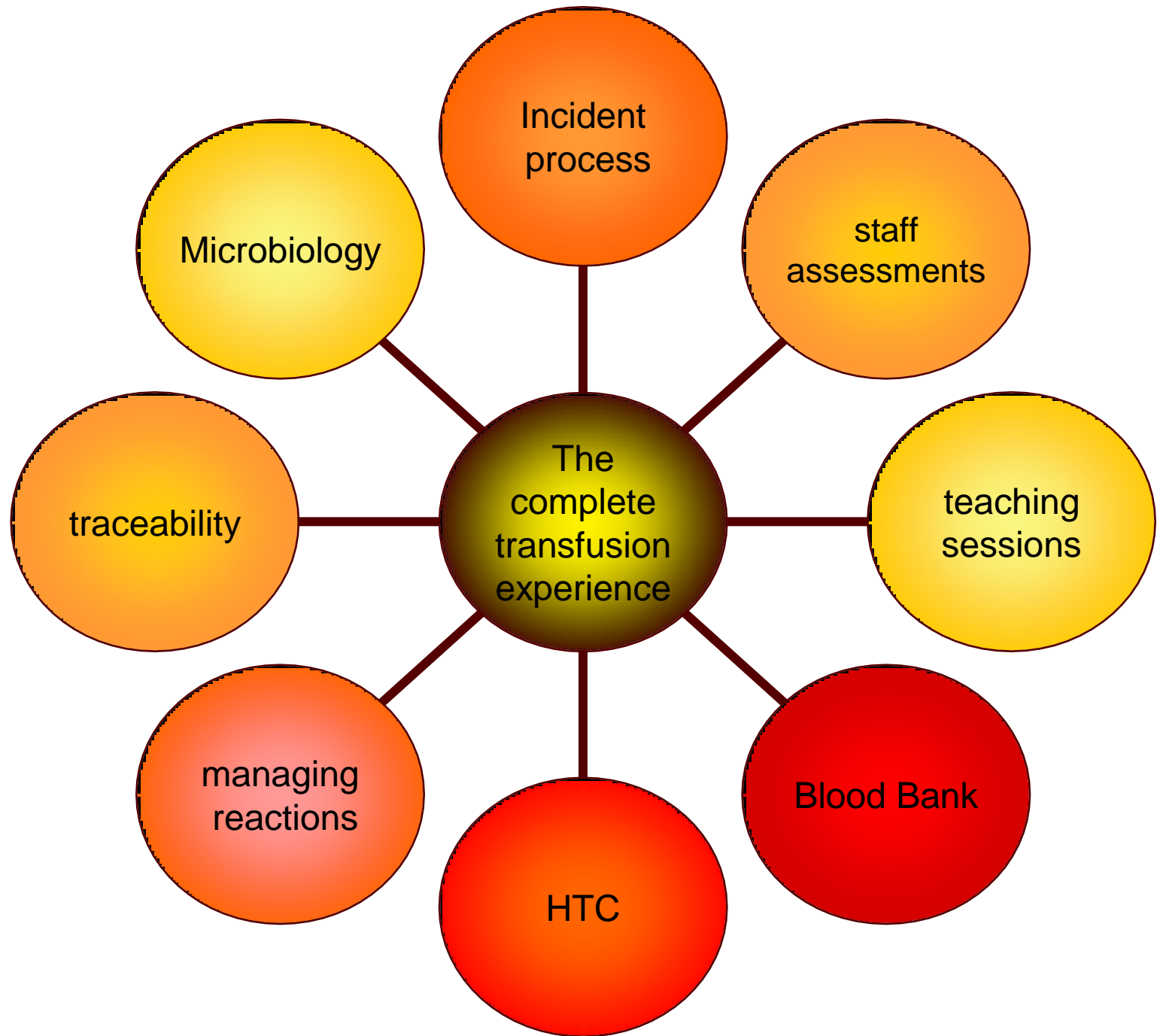




Blood Matters! Promoting Safe Transfusions

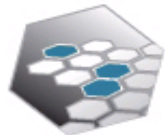
Virginia (Phoebe)
Pearson
Transfusion
Competency Assessor
Ext 6044/ bleep 663



NHSBT

- National Blood Service -
<http://www.blood.co.uk/index.asp>





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HOME



LEARN



More Learning

i Please select a learning item from the list below.

i If you do not see the item you are looking for, please click **More Learning** above.

Learn Blood Transfusion



Anti-D Clinical Module



Anti-D Laboratory Module



Consent for Transfusion



GMP for Hospital Blood Banks



Learn Cell Salvage



Module 1 Safe Transfusion Practice



Module 1 Safe Transfusion Practice for Paediatrics



Module 2 Blood Components and Indications for Use



Not started



In progress



Completed



Elapsed or In Progress



Elapsed



Expired

SAFE TRANSFUSION PRACTICE

MODULE 1 - Unit 6 - Administration Procedure

Introduction

Unit 6 Learning

Assessment

6.0

Administration Procedure

This section will guide you through the correct pre-administration procedures prior to commencing transfusion, the correct procedures for the safe administration of blood components and the correct procedures for documenting the transfusion as required by the BSQRs (2005 as amended).

The diagram opposite can be used to navigate to the different sections within this unit. Alternatively, you can click on the next button to view the sections in their correct order.

Click on the next button to continue.



SAFE TRANSFUSION PRACTICE

MODULE 1 - Unit 7 - Management of Transfused Patient



[Introduction](#)

[Unit 7 Learning](#)

Assessment

Unit 7: Management of Transfused Patient

Question 3 of 5

Q3) It is unnecessary to undertake baseline observations (temperature, pulse, respiratory rate and blood pressure) for each unit of blood component transfused.

select

a True

b False

SAFE TRANSFUSION PRACTICE

MODULE 1 - Unit 6 - Administration Procedure

Introduction

Unit 6 Learning

Assessment

Unit 6: Administration Procedure

Question 3 of 5

Q3) All blood components must be administered through an administration set which incorporates a mesh filter.

select

a True



b False



Click the next button to continue

next

The Blood Typing Game

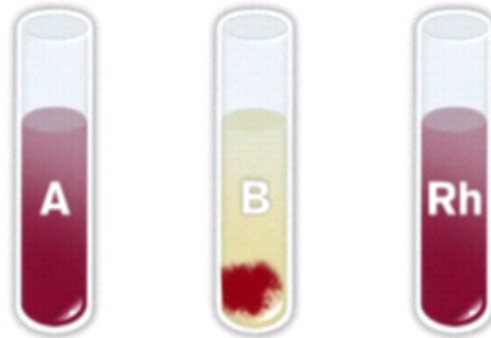
Note the patients' blood type by first clicking on A, B, AB or O. Then click on Rh+ or Rh- as well!



PATIENTS BLOOD TYPE ?

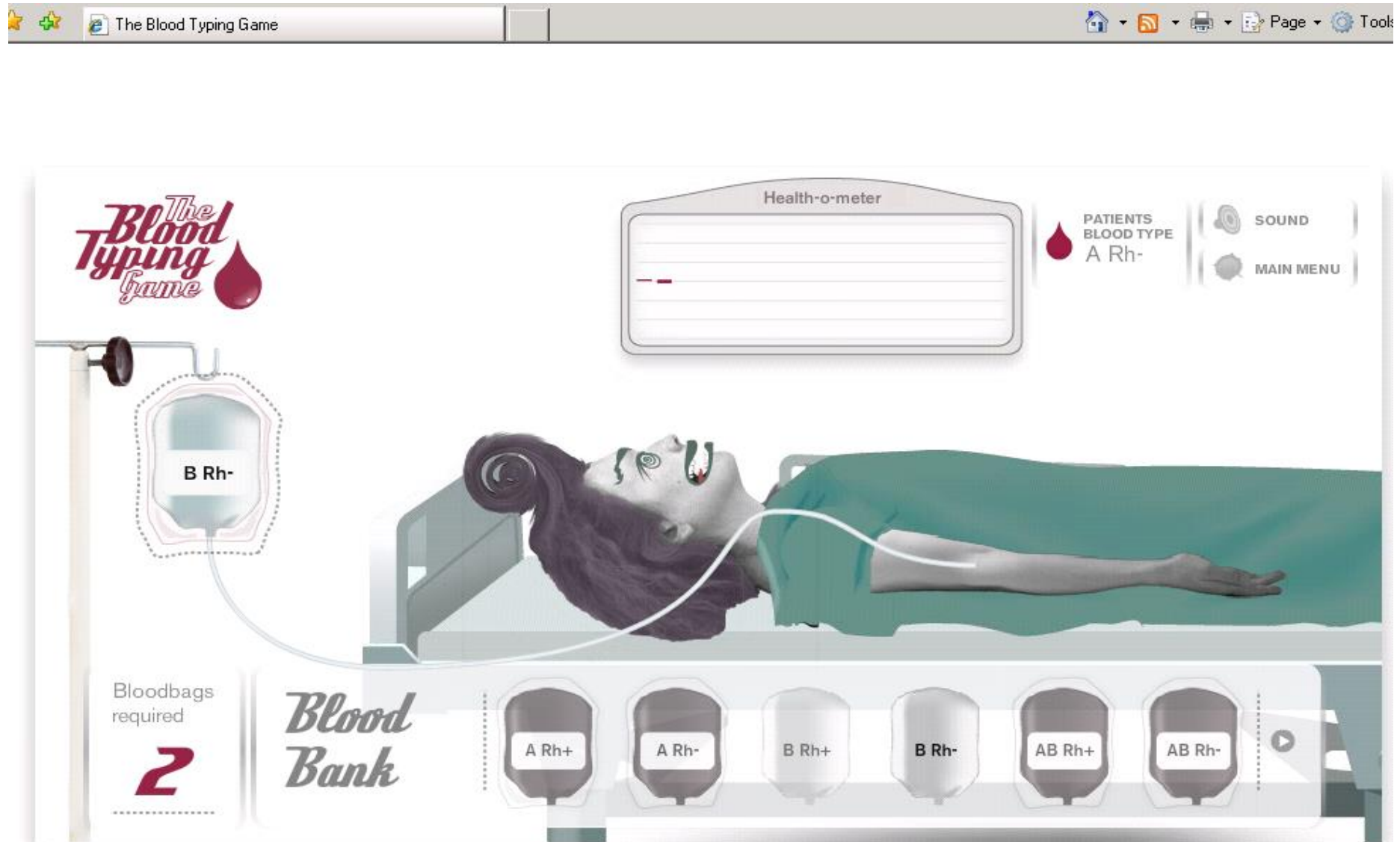
SOUND

MAIN MENU



REAGENTS WITH A, B OR RH ANTIBODIES

If you get it wrong!



		Blood Transfusion unit group							
		O-	B-	A-	AB-	AB+	A+	B+	O+
Patient blood group	AB+								
	A+								
	B+								
	O+								
	AB-								
	A-								
	B-								
	O-								

Blood test results checked and the decision is made to transfuse your patient

Need for a blood transfusion discussed with the patient, leaflet given and consented

Blood samples taken for cross matching, samples and request form taken to the lab

Blood is written up on the patient's prescription chart

Complete blood collection form at patient bedside. Request blood collection by Porter

Ensure patient has patent venous access and that required equipment available

Unit(s) of blood cross matched and ward informed blood is ready

Blood collection request form collected by Porter. Blood collected from the blood fridge

Blood delivered to, and received by ward. Product checked, signed as received

2 members of staff check blood against required documentation in quiet area away from patient

Blood transfusion commenced. Traceability documentation completed by 2 nurses

Transfusion procedure is explained to patient and baseline observations are recorded

2 nurses perform bedside checks including patient identification against blood

Sign blood administration on prescription, blood volume documented on fluid chart

Observations taken and recorded 15 mins after start of transfusion

Observations taken and recorded 30 mins after start of transfusion

Observations taken and recorded within 15 mins of completion

Blood transfusion finishes. Record "stop" time

Observations taken and recorded 2 hours after start of transfusion

The effectiveness of the transfusion is assessed prior to next unit being collected.



- **Useful websites**

- National Blood Service - <http://www.blood.co.uk/index.asp>
- SHOT - www.shotuk.org/home/
- Transfusion Guidelines - www.transfusionguidelines.org.uk/
- Cross match game - www.nobelprize.org/educational/
- *e-learning programme - nhs.learnprouk.com/*
- *(to register as a new user you will need your National Insurance number as ID)*
- *Transfusion website - www.traqprogram.ca/*
- National Patient Safety Agency - www.npsa.nhs.uk/



Bloodhound

- Electronic blood tracking has been given the thumbs up!!!



In summary

The student nurses learn about transfusion in many ways including

- Observation of assessments
- Discussion about safe transfusion practice
- Access to the online transfusion training package
- Educational games – written and practical
- Experiencing other health professionals roles from a laboratory perspective

Any questions



Thank you for listening