WRONG BLOOD IN TUBE

WE'RE ONLY HUMAN AFTER ALL

Looking at errors from a Human Factors perspective

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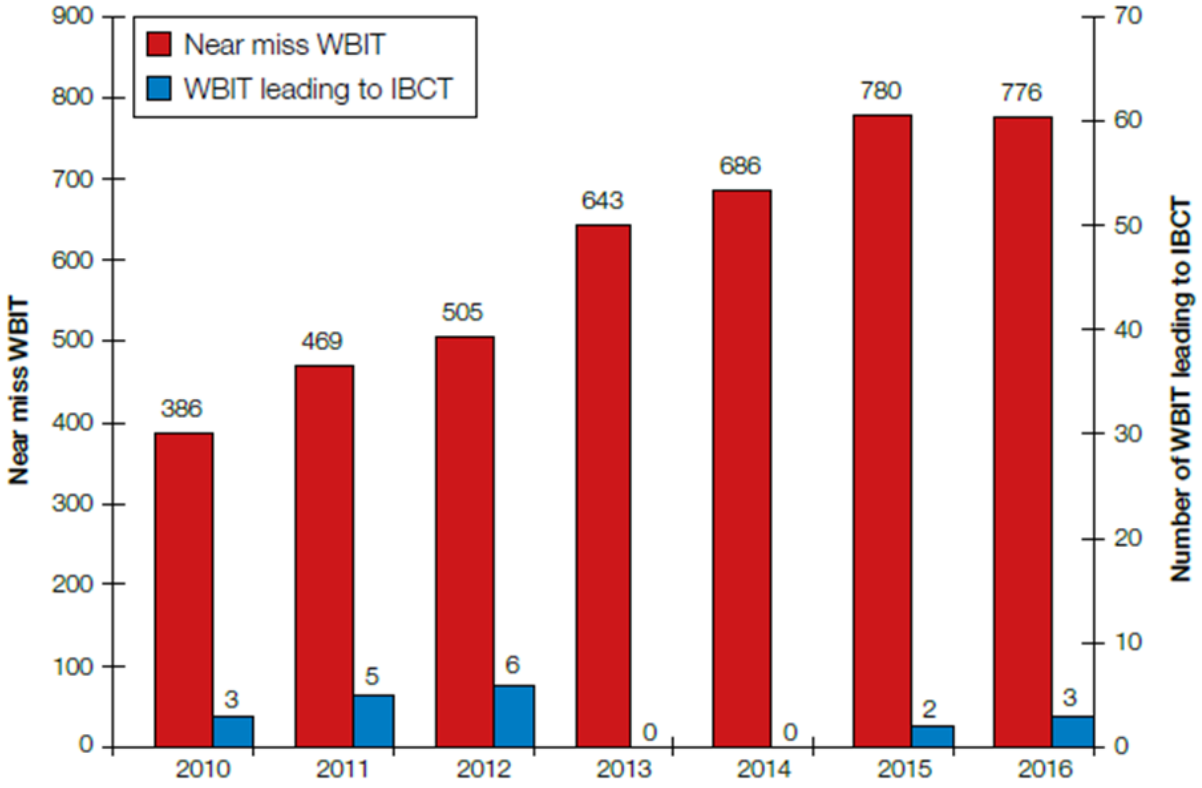
Wrong Blood In Tube (WBIT) Errors

- Sample isn't from the patient it's labelled for
- Consequences may be **catastrophic**
- Correct patient ID **doesn't only effect transfusion**

SHOT Data

- ~1 in 100 WBITs → wrong transfusion
- WBIT near miss incidents increasing



If WBIT Is Detected

- Ensure patient safety
- Significant time & effort to investigate
- Patients & staff lose confidence in the system

Worryingly

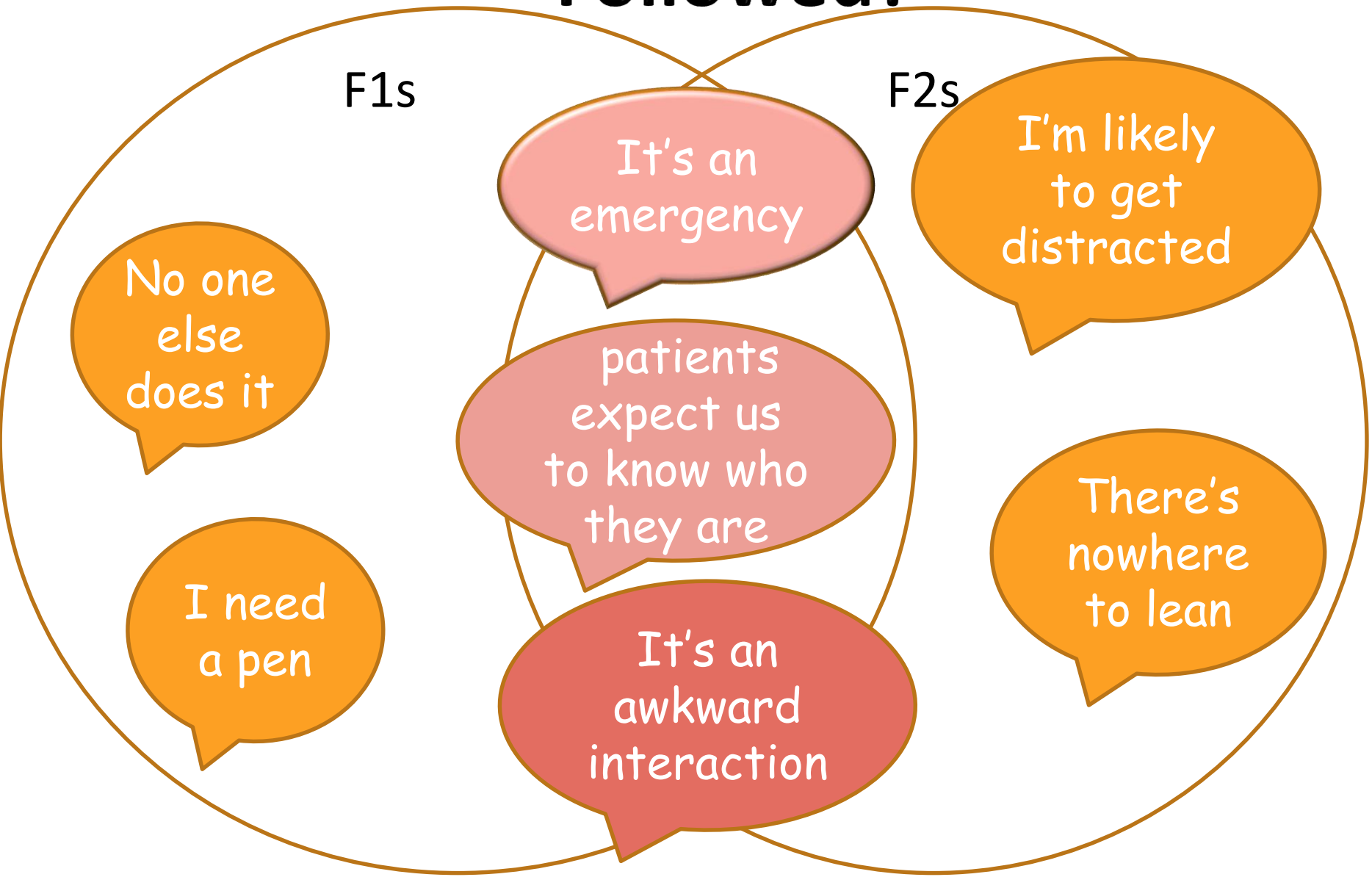
- Undetectable WBITs
  - Only 1 sample received
  - 2 samples have the same group ~ 30%

- ‘junior Drs appear to lack knowledge about the potential for error, a situation reinforced by a culture that openly accepts doctors not following protocols’ (Jeffcott, 2010).

The Dirty Dozen (Dupont 1993)

- Lack of Awareness
- Lack of Assertiveness
- Lack of Resources
- Lack of Knowledge
- Lack of Communication
- Lack of Teamwork
- Fatigue
- Distraction
- Norms
- Pressure
- Stress
- Complacency

Why Isn't Sampling Procedure Followed?



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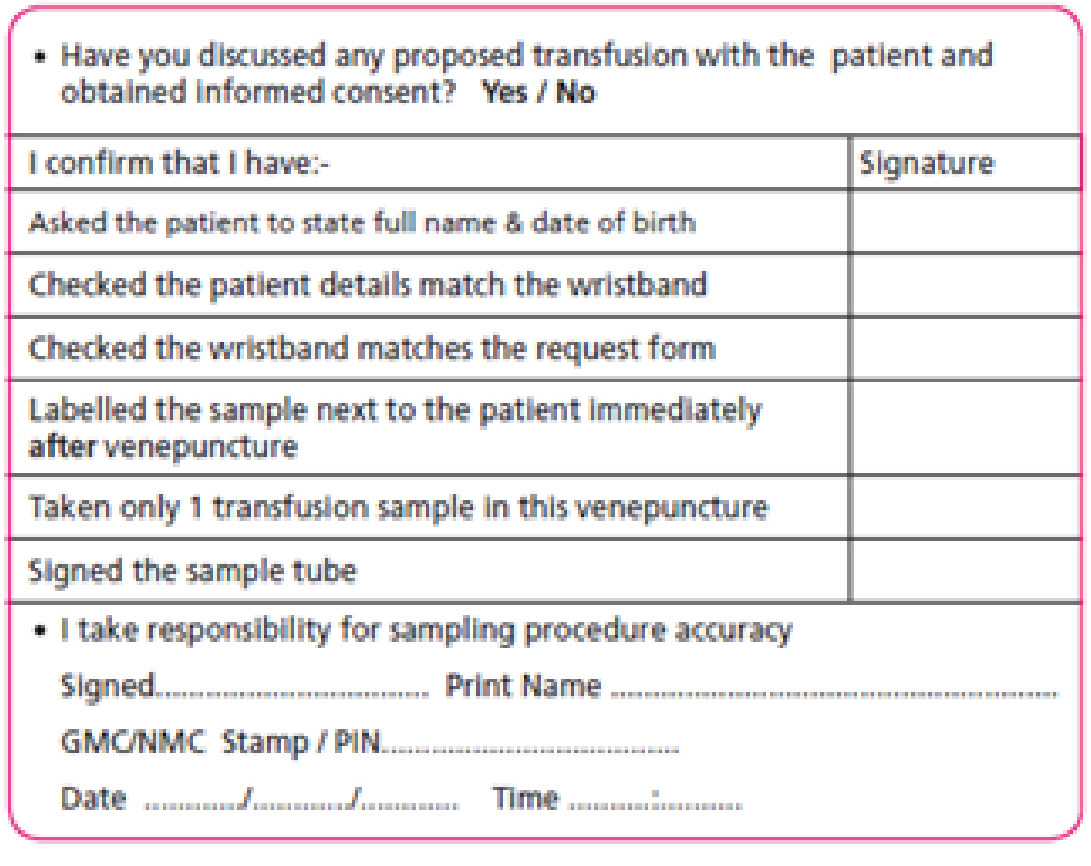
What Have We Done To Improve?

- Procedure
- Competency
- Education
- Request form
- Improved investigation
- 2 sample rule



- Have you discussed any proposed transfusion with the patient and obtained informed consent? **Yes / No**

I confirm that I have:-	Signature
Asked the patient to state full name & date of birth	
Checked the patient details match the wristband	
Checked the wristband matches the request form	
Labelled the sample next to the patient immediately after venepuncture	
Taken only 1 transfusion sample in this venepuncture	
Signed the sample tube	

- I take responsibility for sampling procedure accuracy

Signed..... Print Name .....

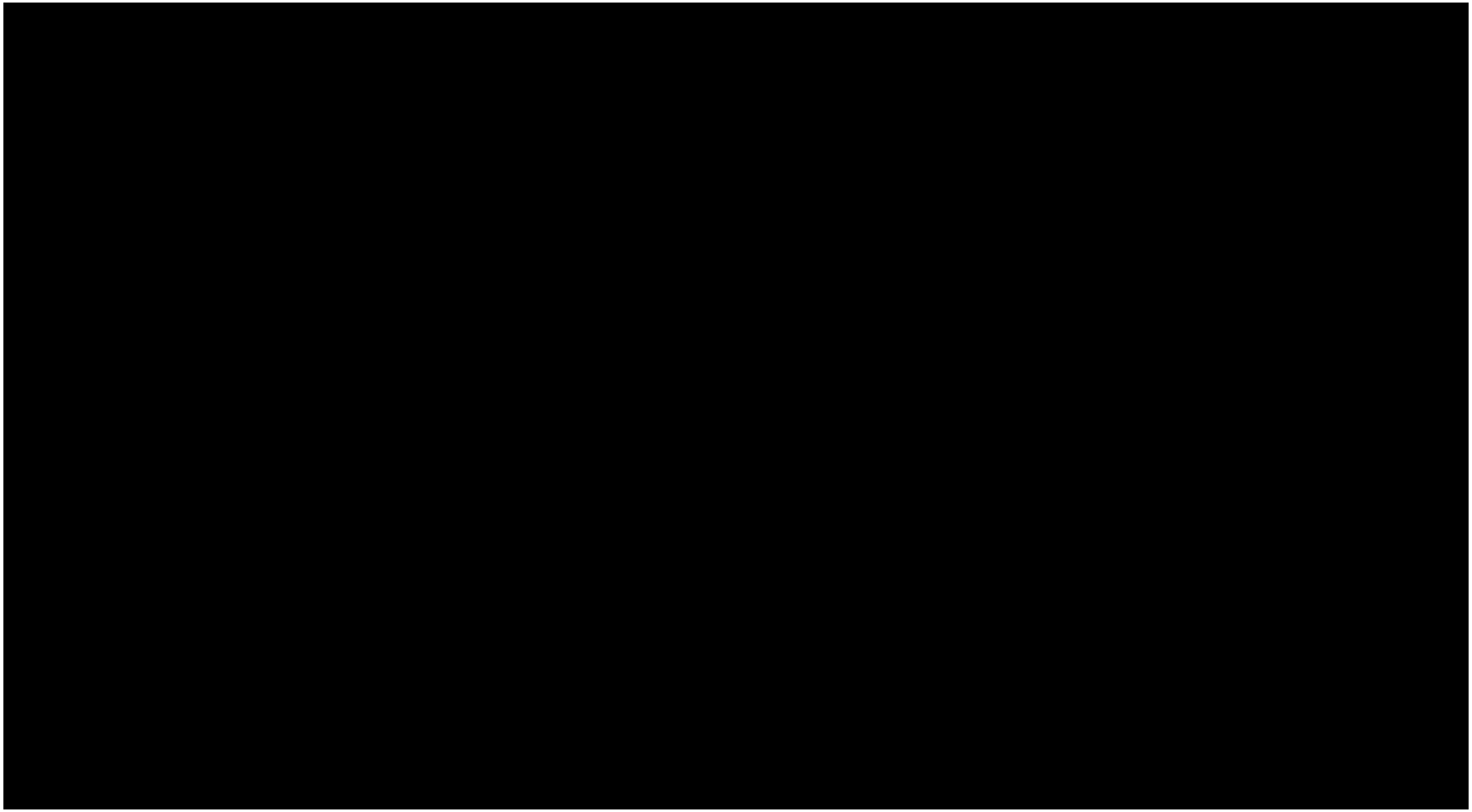
GMC/NMC Stamp / PIN.....

Date ...../...../..... Time .....:.....

2 Sample Rule Case

- 2 samples sent to the lab timed at 10:00hrs & 10:30hr – they both arrived at the same time
- 2 unit x match
- They both grouped as A pos
- Previously the patient was O pos

How did this Happen?



Do We Have Anything To Combat Cultural Norms?

Extraordinary people – with passion and courage to call out poor practice.

The Way Forward….

- Standardise request forms?
- IT solutions
- Design a system that makes it easier to do the right thing