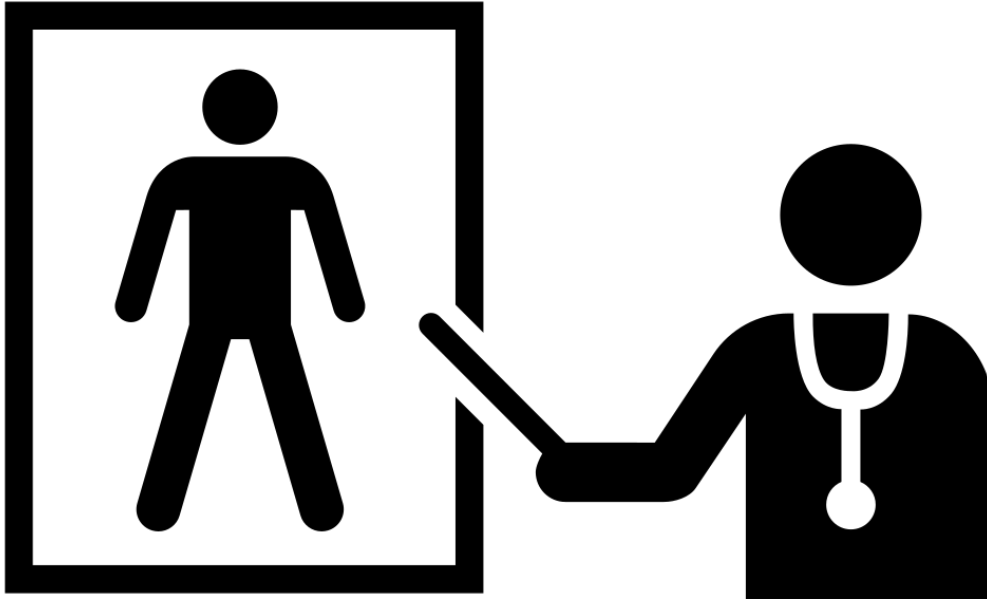


Clinical leadership within Medical Education:

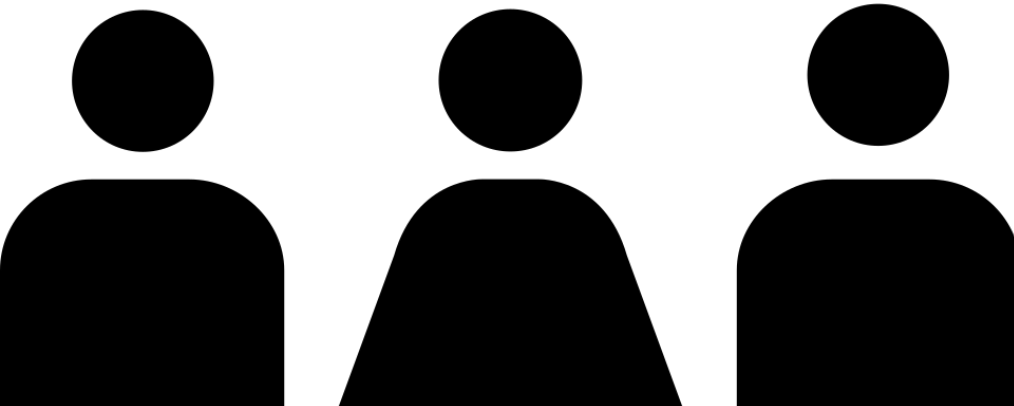


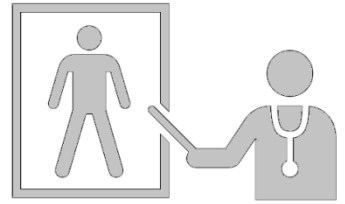
Developing a multi-
disciplinary, integrated
clinical skills and
simulation model within
Cardiff And Vale UHB

Dr Rebecca Broomfield



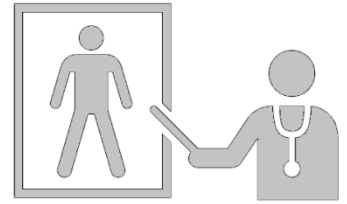
@RCBroomfield



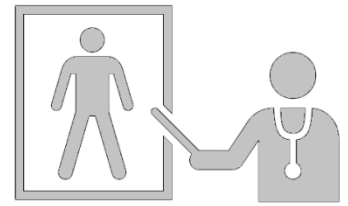


“simulation offers an important route to safer care for patients and needs to be more fully integrated into the health service.”

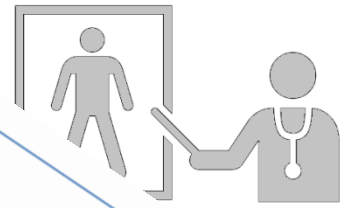
Purpose: Evidence base the use of Simulation teaching



Kirkpatrick



What we did



F2 Paediatric Simulation Sessions 19th April 2018 Post course Evaluation Form

1. How confident do you feel in managing these challenging clinical situations?

Paediatric Cardiac arrest

Not at all confident
1

Not so confident
2

Neutral
3

Confident
4

Very confident
5

What is the ratio of breaths to chest compressions in a paediatric patient?

Sepsis in a 1 month old:

Not at all confident
1

Not so confident
2

Neutral
3

Confident
4

Very confident
5

What are the antibiotics used to treat a baby who you think may be septic?



Not at all confident
1

Not so confident
2

Neutral
3

Confident
4

Very confident
5

Acute asthma in a 6 year old:

Not at all confident
1

Not so confident
2

Neutral
3

Confident
4

Very confident
5

Which drugs are included in a SAM nebuliser?

Status in a 2 year old:

Not so confident
2

Neutral
3

Confident
4

Very confident
5

Which drugs are included in the status pathway?



Bwrdd Iechyd Prifysgol
Caerdydd a'r Fro
Cardiff and Vale
University Health Board

1. How confident do you feel in managing these challenging clinical situations?

Paediatric Cardiac arrest

Not at all confident
1

Not so confident
2

Neutral
3

Confident
4

Very confident
5

What is the ratio of breaths to chest compressions in a paediatric patient?

1 month old:

Not so confident
2

Neutral
3

Confident
4

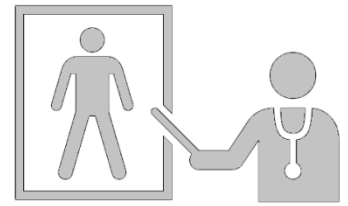
Very confident
5

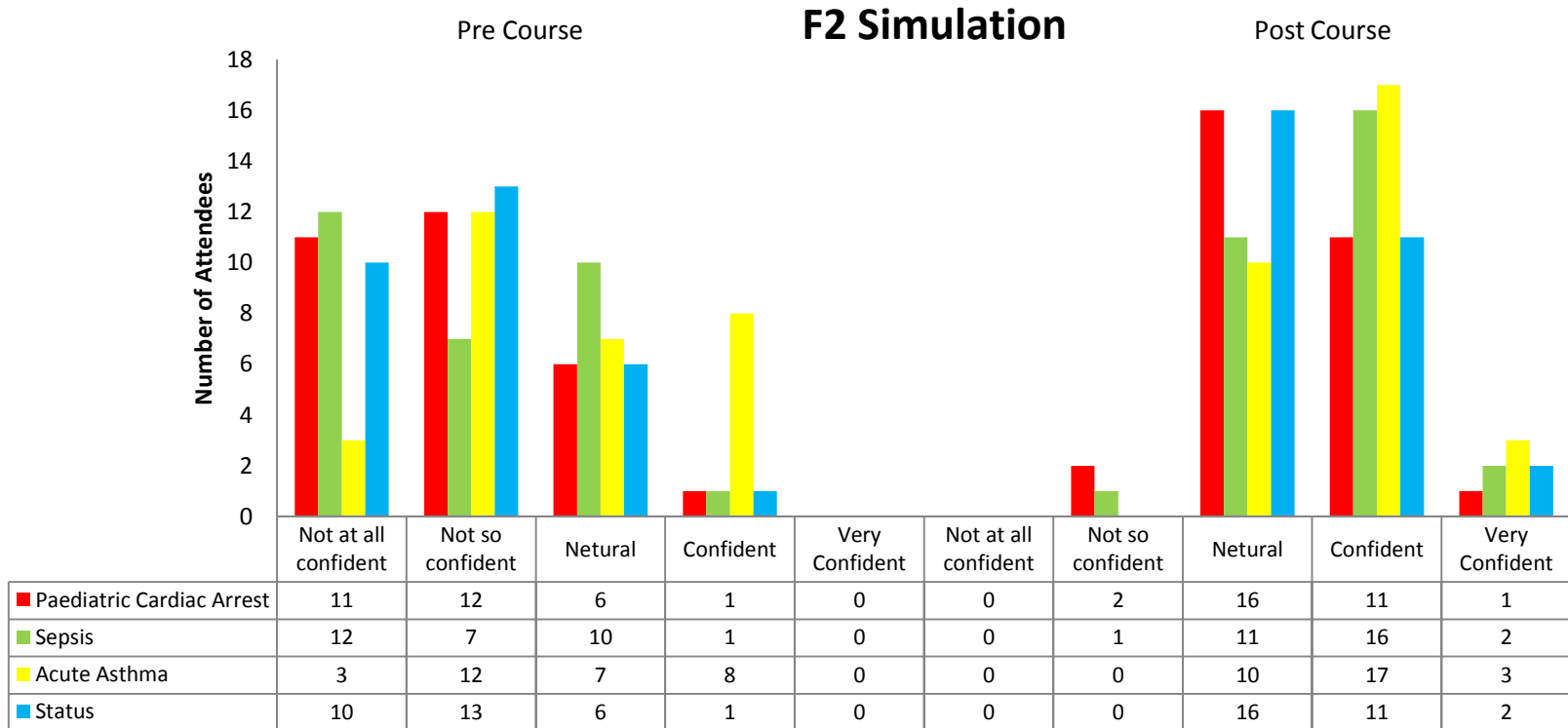
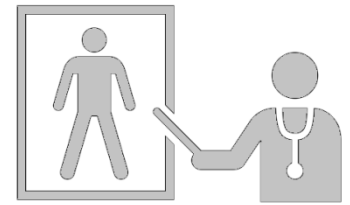
What a baby who you think may be septic?

Confident
4

Very confident
5

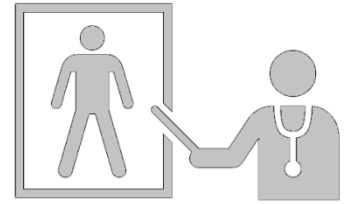
Wood's Site Ward



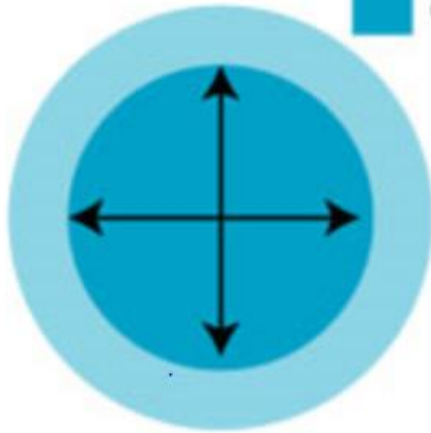


☆☆☆ $P = < 0.0001$

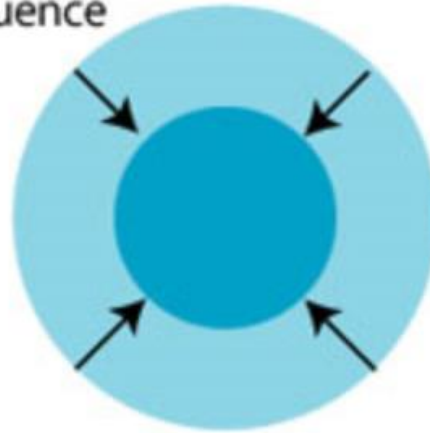
Influence and change?



Circle of concern
Circle of influence



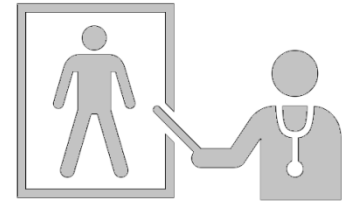
Proactive Focus
Positive Energy enlarges the
Circle of Influence



Reactive Focus
Negative Energy reduces the
Circle of Influence



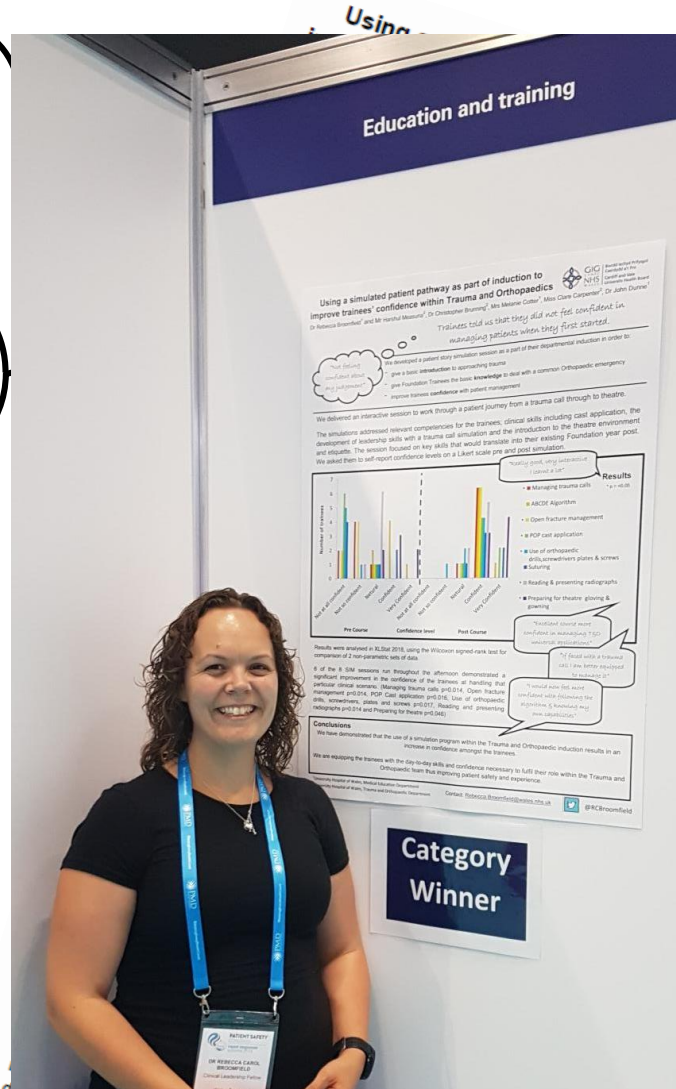
Courses



"Not feeling confident about my judgement"



9 - 10 July 2018
Manchester Central



Education and training

Using a simulated patient pathway as part of induction to improve trainees' confidence within Trauma and Orthopaedics

Christopher Brunning², Mrs Melanie Cotter¹, Miss Clare Carpenter², Dr John Dunne¹

GIG NHS Wales

Bwrdd Iechyd Prifysgol Caerdydd a'r Ffro Cardiff and Vale University Health Board

Trainees told us that they did not feel confident in managing patients when they first started.

simulation session as a part of their departmental induction in order to:

- approaching trauma
- basic knowledge to deal with a common Orthopaedic emergency
- with patient management

patient journey from a trauma call through to theatre.

the trainees; clinical skills including cast application, the and the introduction to the theatre environment d translate into their existing Foundation year post scale pre and post simulation.

"Really good, very interactive I learnt a lot"

Results

* $p = < 0.05$

- Managing trauma calls
- ABCDE Algorithm
- Open fracture management
- POP cast application
- Use of orthopaedic drills, screwdrivers plates & screws
- Suturing
- Reading & presenting radiographs
- Preparing for theatre gloving & gowning

"Excellent course more confident in managing TSO universal applica"

ank test for

confidence of the trainees

the afternoon dem

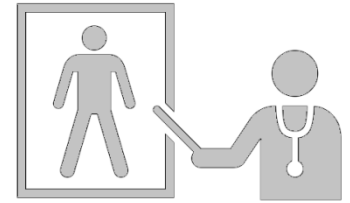
POP Cast

drills, screwdrivers, plates

p=0.014, POP Cast

p=0.014, POP Cast

Regular teaching sessions



"Never been involved in paediatric resuscitation or had any simulation session on paediatric resus"

Can you improve knowledge and confidence using simulation teaching as part of a Foundation Year teaching program?

Dr Rebecca Broomfield¹, Mrs Melanie Cotter¹, Dr John Dunne¹
 Our Foundation trainees have little or no experience with Paediatric emergencies.



We built simulation teaching into the generic teaching program offered to Foundation Year doctors within our health board. Paediatric emergencies are not often encountered within this group of trainees, we aimed to increase their knowledge and confidence of these uncommon events.

We delivered an interactive session using simulation to focus on four common paediatric emergencies. The session focused on key skills that would translate into their existing foundation year post. We tested their knowledge of the emergencies pre and post simulation, as well as self-reported confidence on a Likert scale.

Results

*** p < 0.001

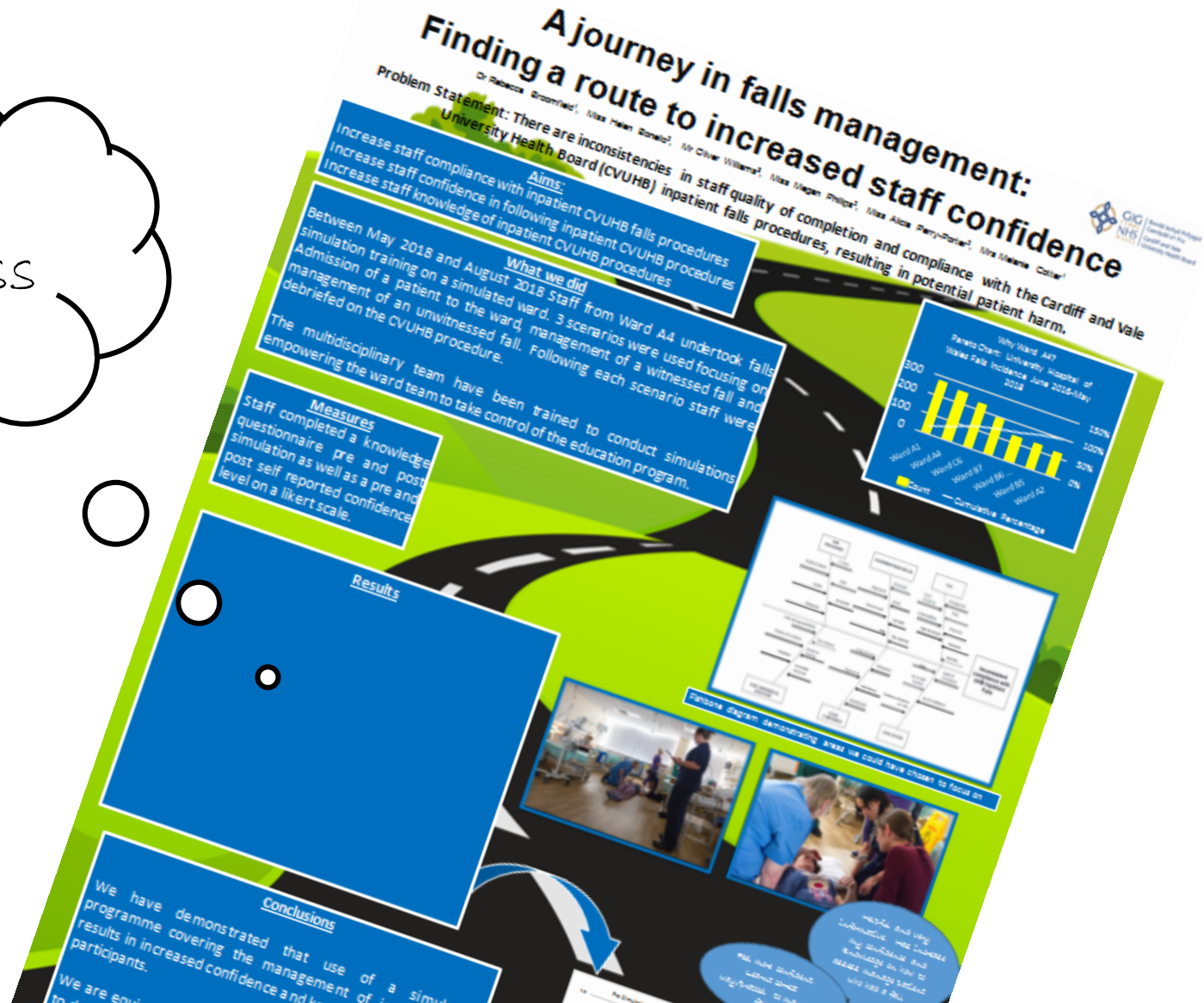
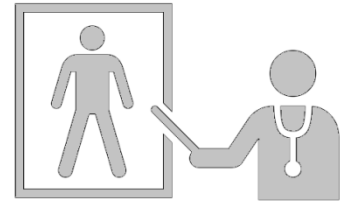


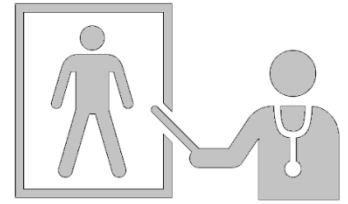
Knowledge

Emergency	Correct	Incorrect	Unanswered
Pre Paediatric Cardiac Arrest	10	3	4
Pre Sepsis	10	3	4
Pre Acute Asthma	10	3	4
Pre Status	10	3	4
Post Paediatric Cardiac Arrest	10	3	4
Post Sepsis	10	3	4
Post Acute Asthma	10	3	4
Post Status	10	3	4

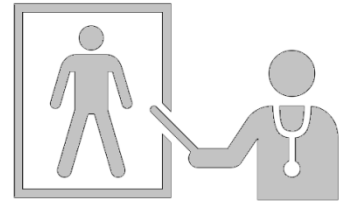
"Excellent group teaching, interactive & engaging"

Projects





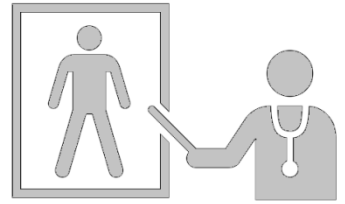
Simulation with Medical Education



My future's so bright I gotta wear sunglasses



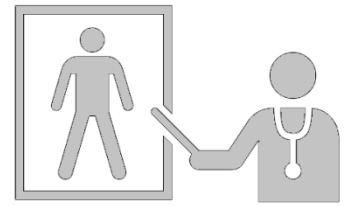
It's all about me ...



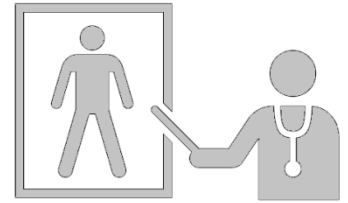
ENTJ



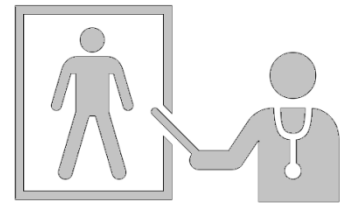
It's all about me ...



It's all about me ...



"Your fear of being publicly exposed as a fraud is a stress-related disorder called 'Imposter Syndrome.' It's common among people in high-profile authority positions, and, of course, in actual phonies, like you."



“IT ALWAYS
— *seems* —
IMPOSSIBLE
— *until it's* —
DONE.”

NELSON MANDELA



Thank You

