

Can you 'computer generate'  
clinical judgement?

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And is there a disadvantage using electronic patient records?

Hello my name is... **Chris**

Senior Digital Charge Nurse  
Sheffield Teaching Hospitals  
Critical Care

Annoyingly opinionated

BSc Computer Science

Practically Scottish



10+ Years in Critical Care

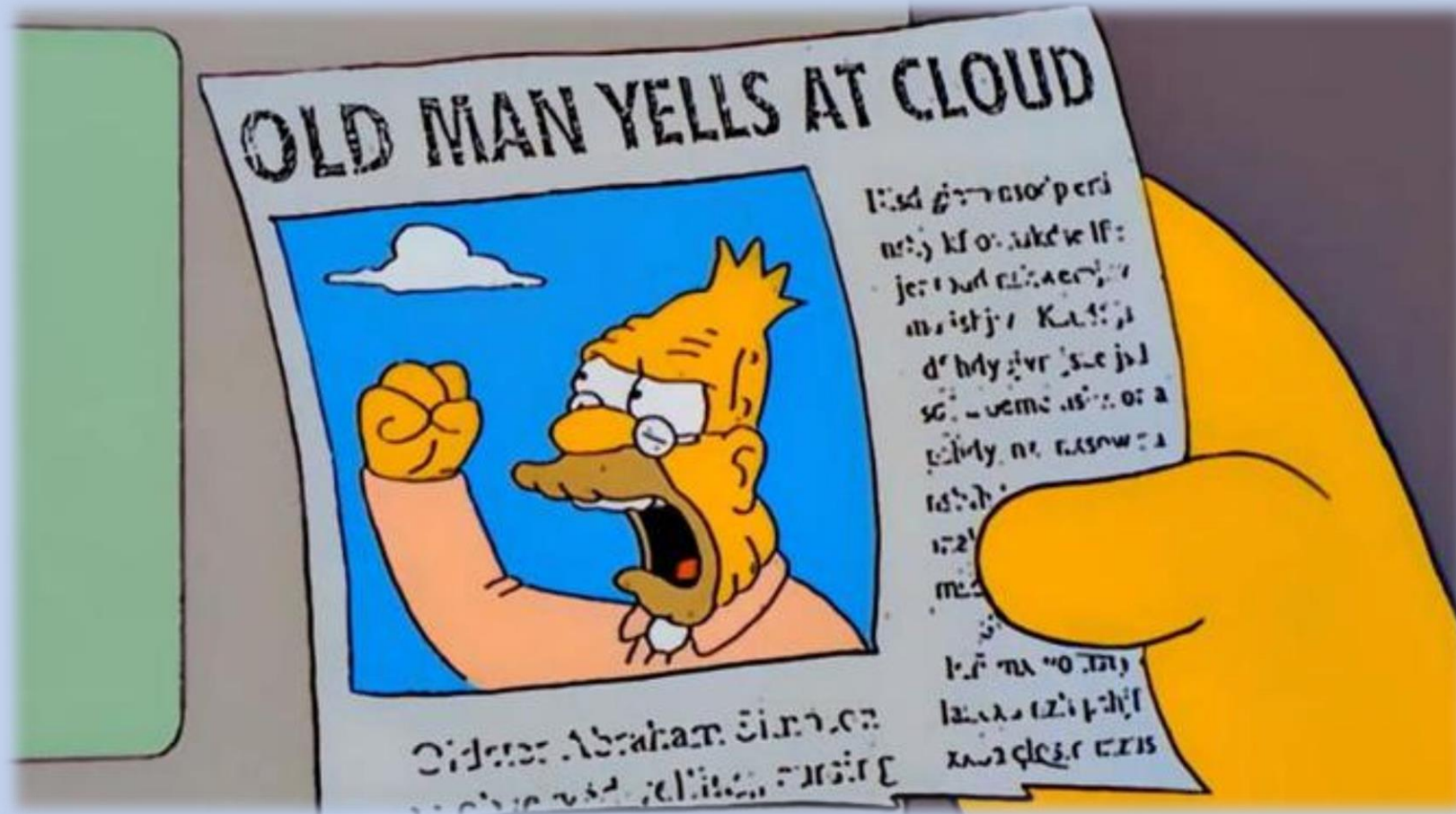
1500+ Days on Duolingo

# Aims of Today

- Discuss use of Electronic Patient Records (EPRs)
- Does the use of an EPR influence care?
- Think about our role as critical care nurses
- What does the future look like?

**Please talk to me**

Key point: I am not *just* an old man



(I'm 38!)



G O O G L E



What is an electronic patient record?

What is a patient portal?

What is a patient portal?

What is a patient portal?

# EPRs are a legitimate part of the MDT



How do EPRs influence bedside care?





72

..but likely more.

# Creep towards remote care?

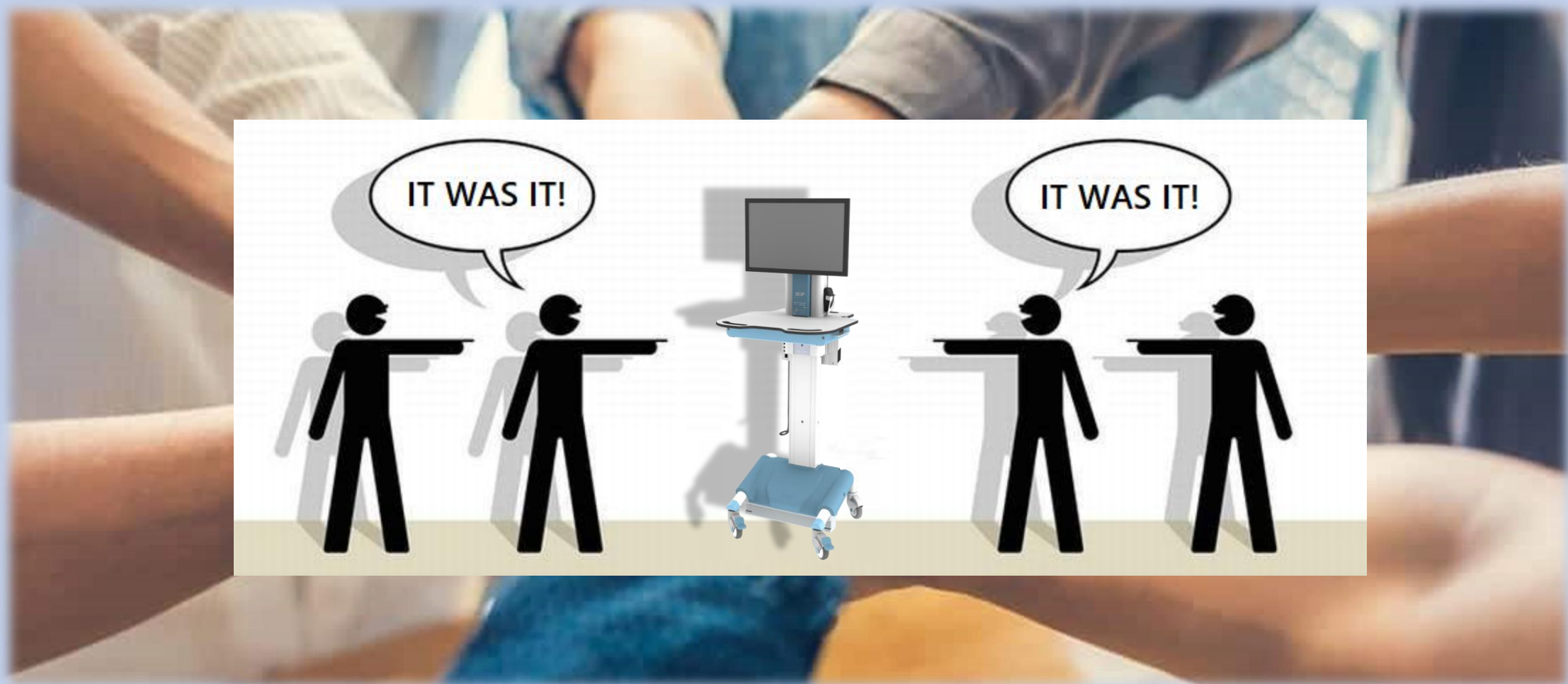
- Shift of reviewing/prescribing away from the patient
- Handovers done away from the patient
- Jobs done away from the patient

# EPRs at the bedside

- Computers at every bedspace
- Minute-to-Minute (or hourly) information
- Legible clinical notes and prescriptions to hand
- Guidelines and access to learning at the bedside

Enhancing care but creating  
challenges?

(Discuss!)

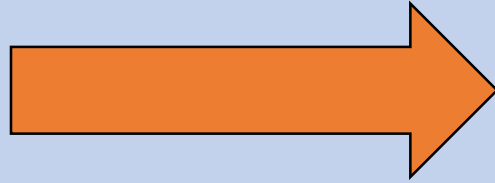
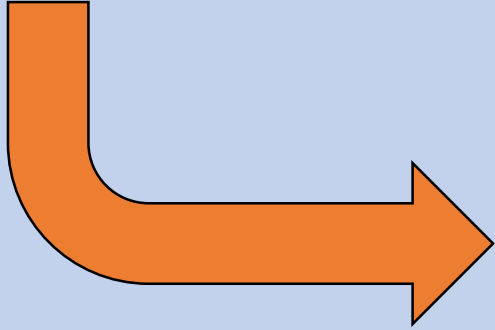


IT WAS IT!

IT WAS IT!

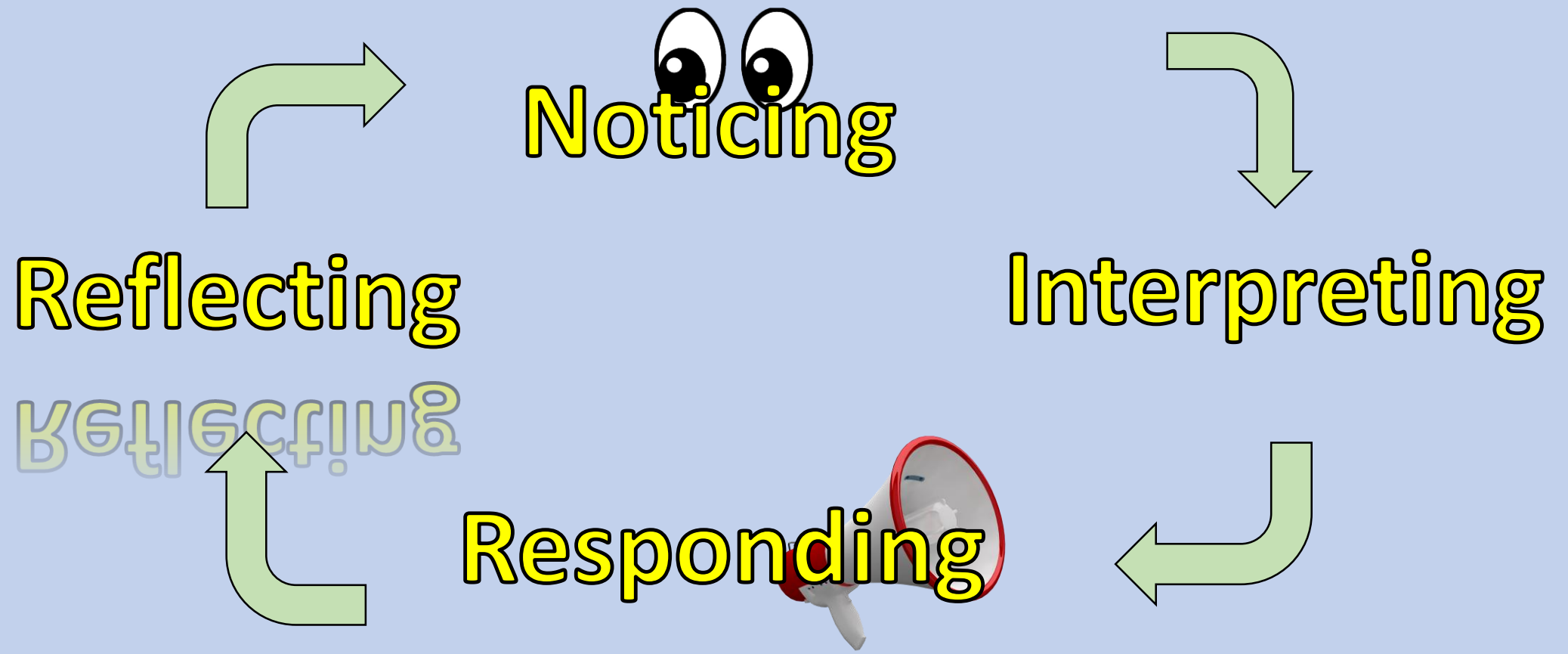
# What is clinical judgement?

*And how do you think an EPR influences nurses?*



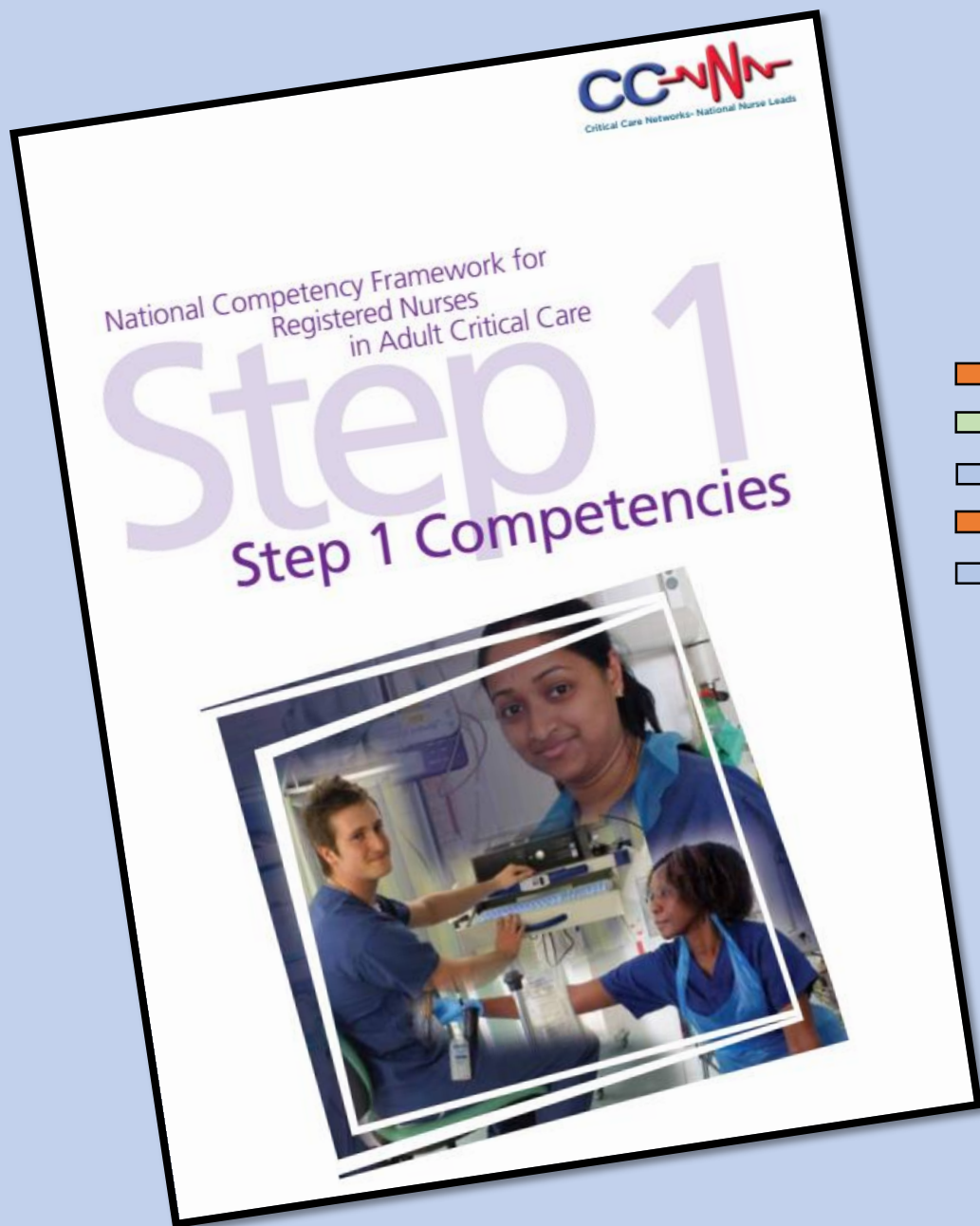


# What is clinical judgement?



What skills are associated with clinical judgement?

(Discuss!)



Critical care nurses use a range of skills, including:

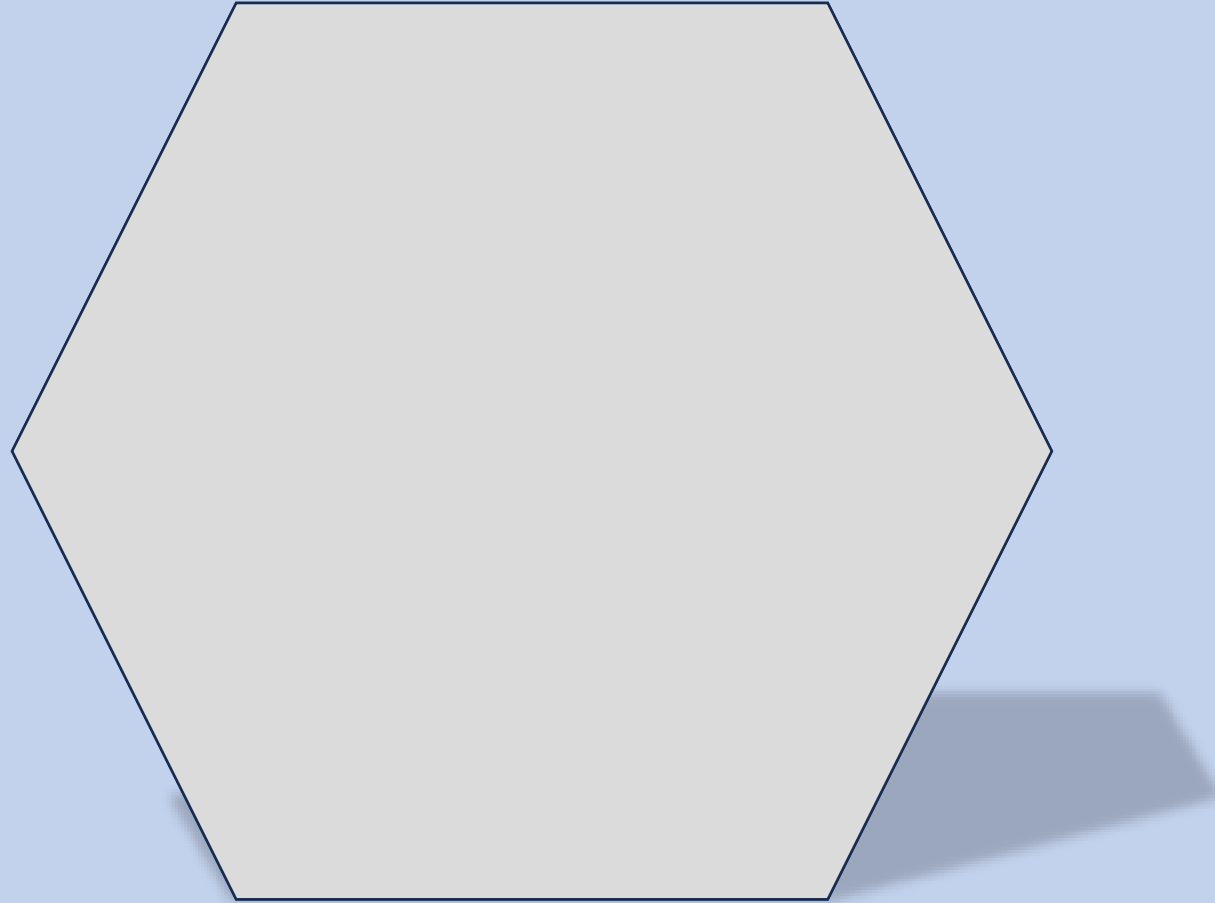
- Assessing the complex patient
- Interventional application
- Rehabilitation and recovery planning
- Information and knowledge management
- Leadership and risk management
- Decision making
- Communicating
- Influencing and negotiating
- Engagement and facilitation

What is Competency 1.1?

Clue: 1.2 is Resp

1:1 Promoting a positive patient experience

End-o-the-bed-o-gram



Social Cues

Emotional Cues

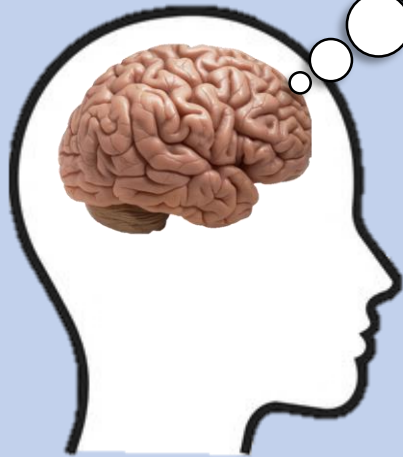
Equipment Issues

ABCDEF





Oh, hi human friend. Your patient is due clopidogrel at 20:00  
Just wanted to keep you in the loop!



Ok well if the computer says it..  
It must be true!

Is this appropriate?  
Does it make sense?

Are they immediately post-op?

Have they had a clotting screen?

Do they have an epidural?

Has it been documented to give or withhold it?

Is there a procedure planned?

The.. Future?

# Where should the EPR... stop?

(Discuss!)



# Going forward

Technology should never be the only change.

EDUCATION

INTERVENTION

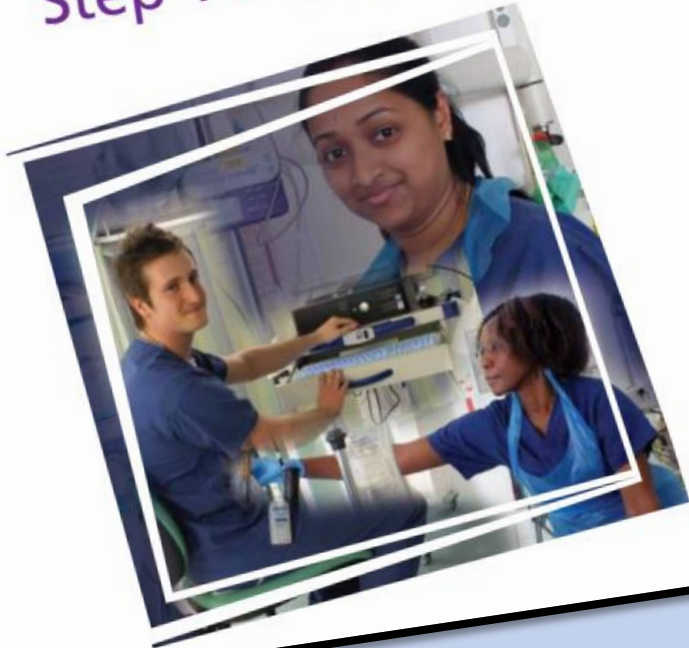
# Clinical Judgement

EPR Changes

National Competency Framework for  
Registered Nurses  
in Adult Critical Care

# Step 1

## Step 1 Competencies



Critical care nurses use a range of skills, including:

- Assessing the complex patient
- Interventional application
- Rehabilitation and recovery planning
- Information and knowledge management
- Leadership and risk management
- Decision making
- Communicating
- Influencing and negotiating
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# But.. What about AI?

- Will continue to lack context
- ...unless you give it context (PRI – GRO)
- ...time you could see a patient?
- ...WebMD?
- Liability

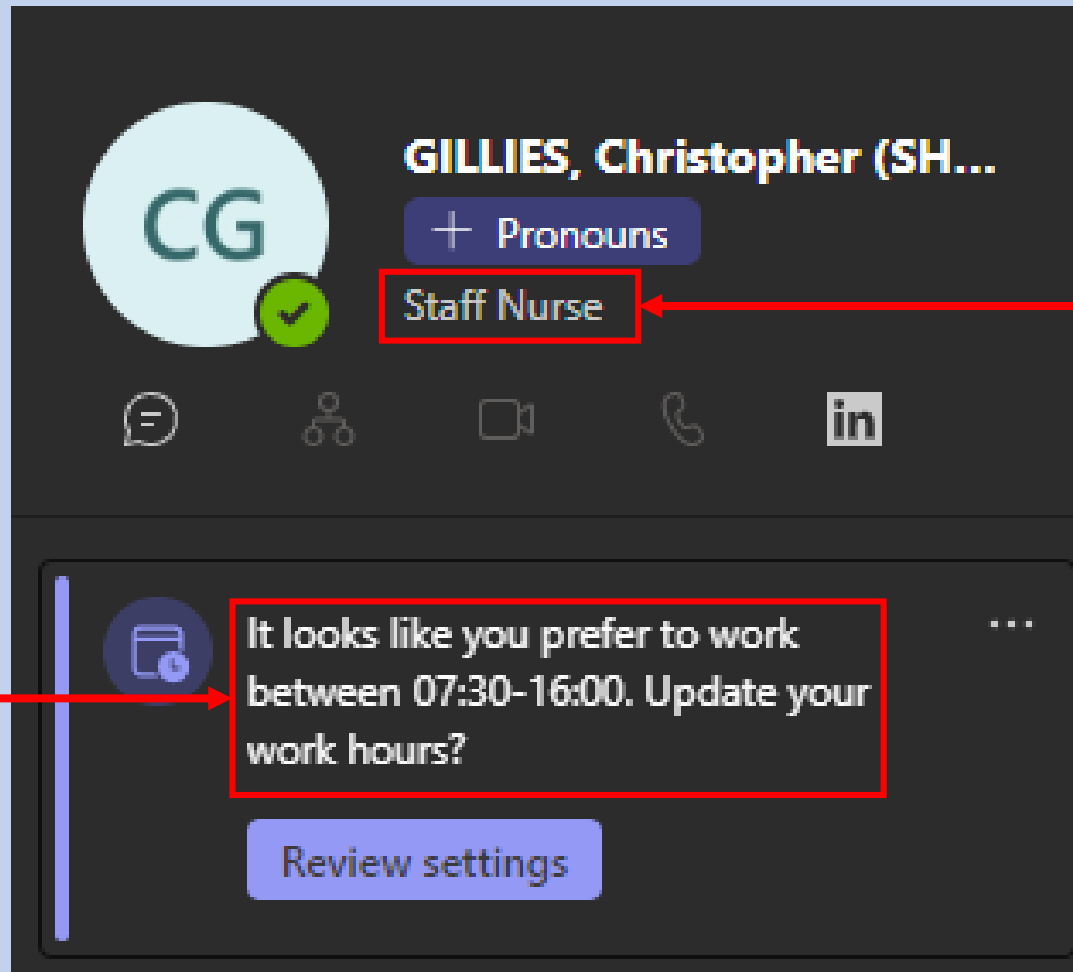
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*Could you compute generated clinical judgement?*

# Can technology be wrong?



Not my  
made-up job  
title

I would  
"prefer" to  
never work

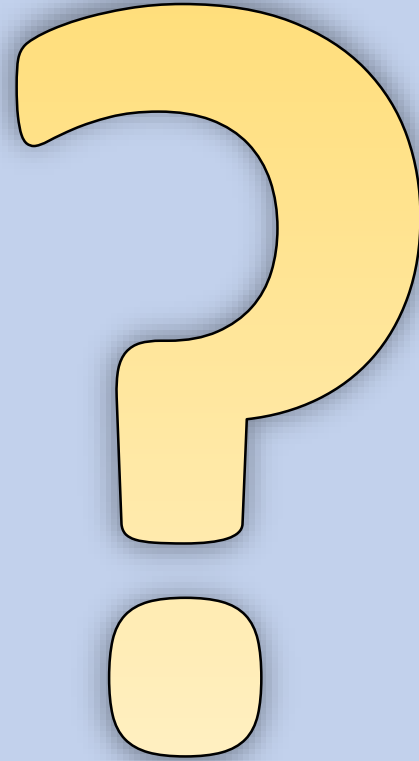


Amazon Shopping

## Recommended for you

We thought you'd like new Billy Joel t-shirts  
and hoodies





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