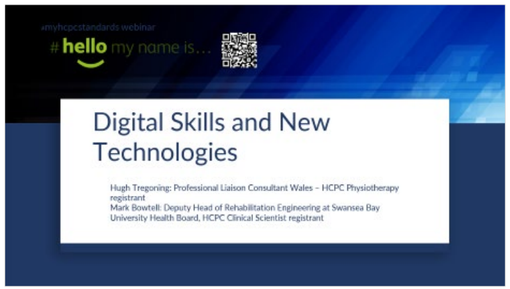
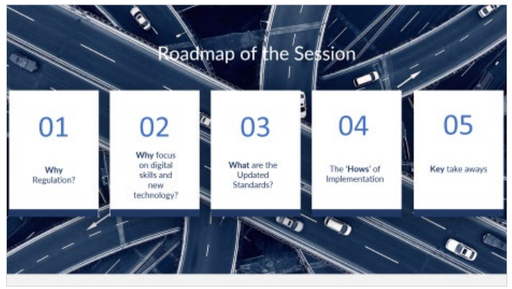
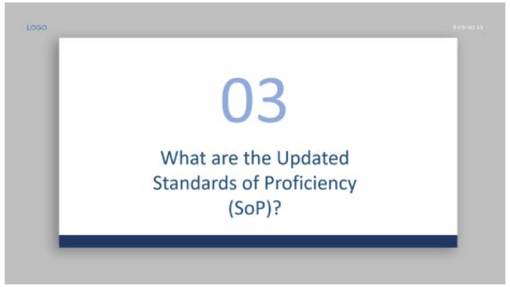

#myhcpcstandards webinar
#hello my name is…
Digital Skills and New Technologies
Hugh Tregoning: Professional Liaison Consultant Wales – HCPC Physiotherapy registrant
Mark Bowtell: Deputy Head of Rehabilitation Engineering at Swansea Bay University Health Board, HCPC Clinical Scientist registrant


Roadmap of the Session
01
Why Regulation?
02
Why focus on digital skills and new technology?
03
What are the Updated Standards?
04
The 'Hows' of Implementation
05
Key take aways

LOGO
01
Why Regulation?

LOGO
02
Why focus on digital skills and new technology?


LOGO
03
What are the Updated Standards of Proficiency (SoP)?

LOGO
04
The 'Hows' of implementation

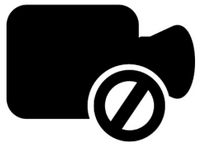
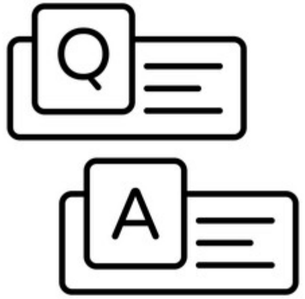
LOGO
05
'Key take aways'

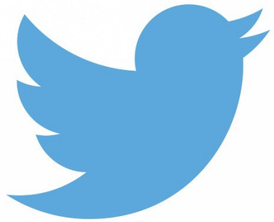
#myhcpcstandards webinar

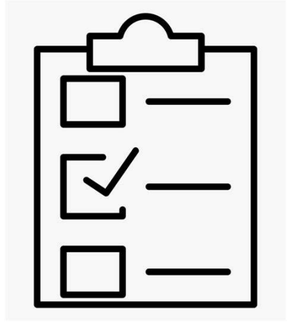
#hello my name is…

# Digital Skills and New Technologies

Hugh Tregoning: Professional Liaison Consultant Wales – HCPC Physiotherapy registrant
Mark Bowtell: Deputy Head of Rehabilitation Engineering at Swansea Bay University Health Board, HCPC Clinical Scientist registrant

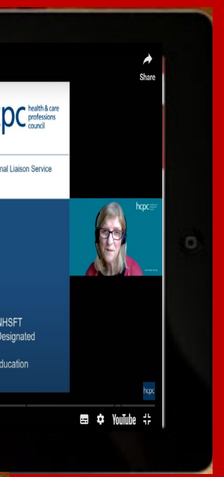







#myhcpcstandards
@The_HCPC

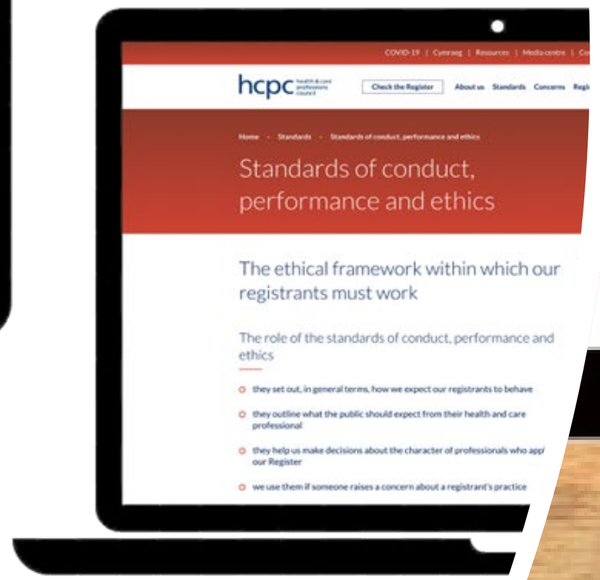
professional.liaison@hcpc-uk.org

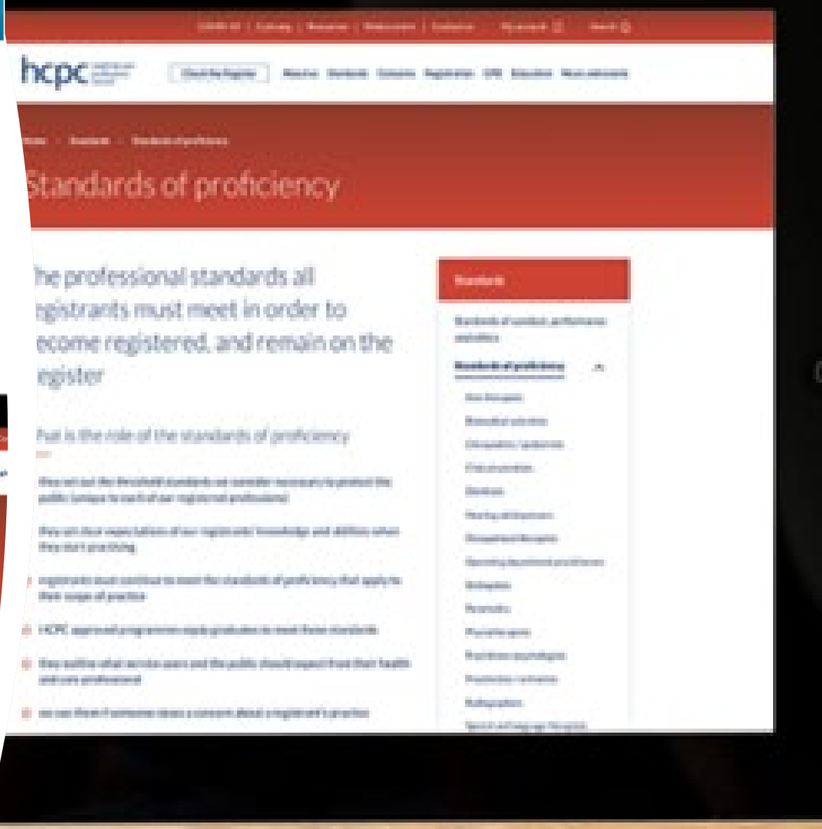



Catch up on the previous webinars & other online content

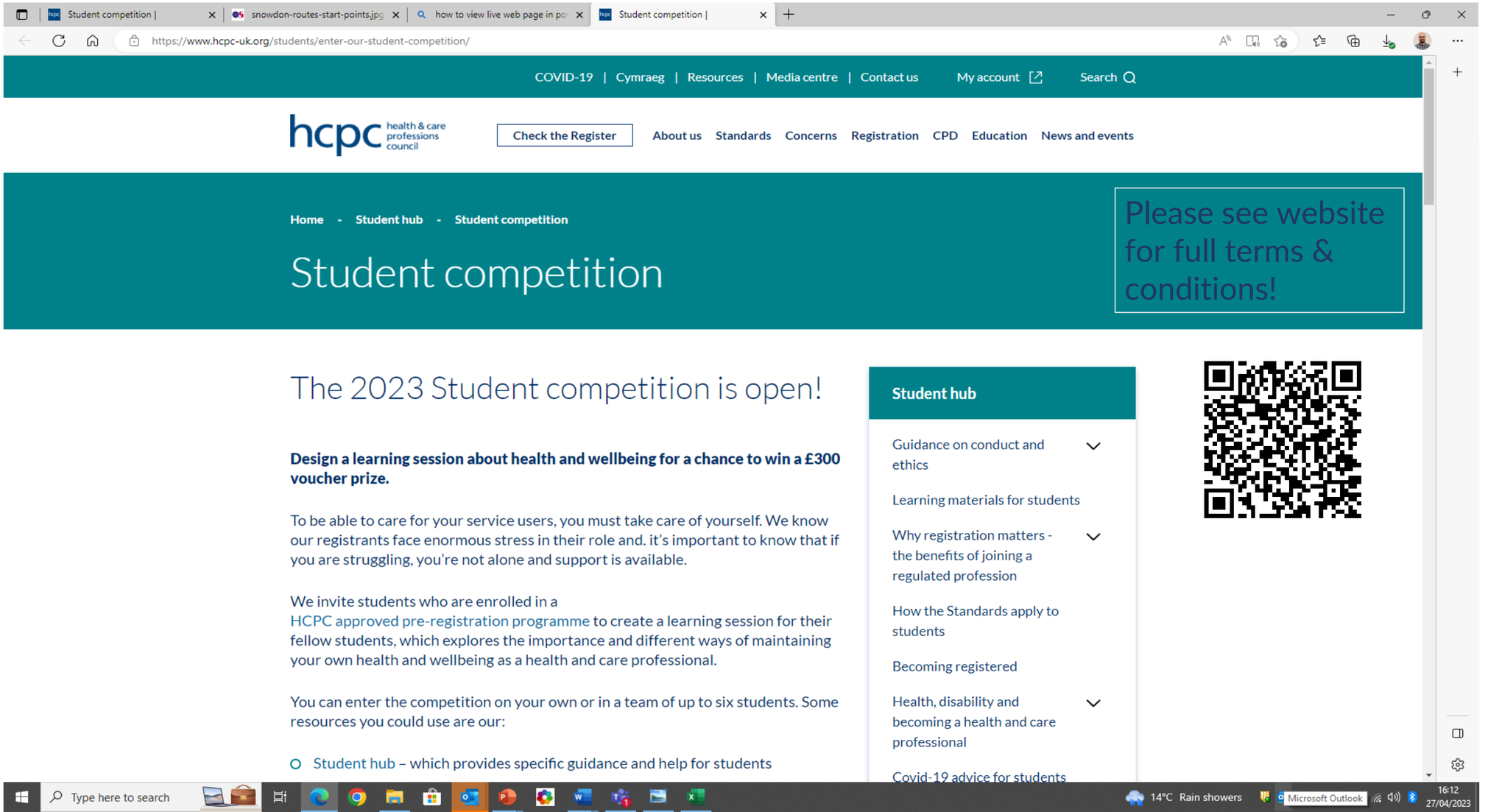
**See the latest updates and information for HCPC registrants**

Registrant hub ›



# HCPC 2023 student competition: Now Open!



# Roadmap of the Session

01

**Why** Regulation?

02

**Why** focus on digital skills and new technology?

03

**What** are the Updated Standards?

04

The ‘**Hows**’ of Implementation

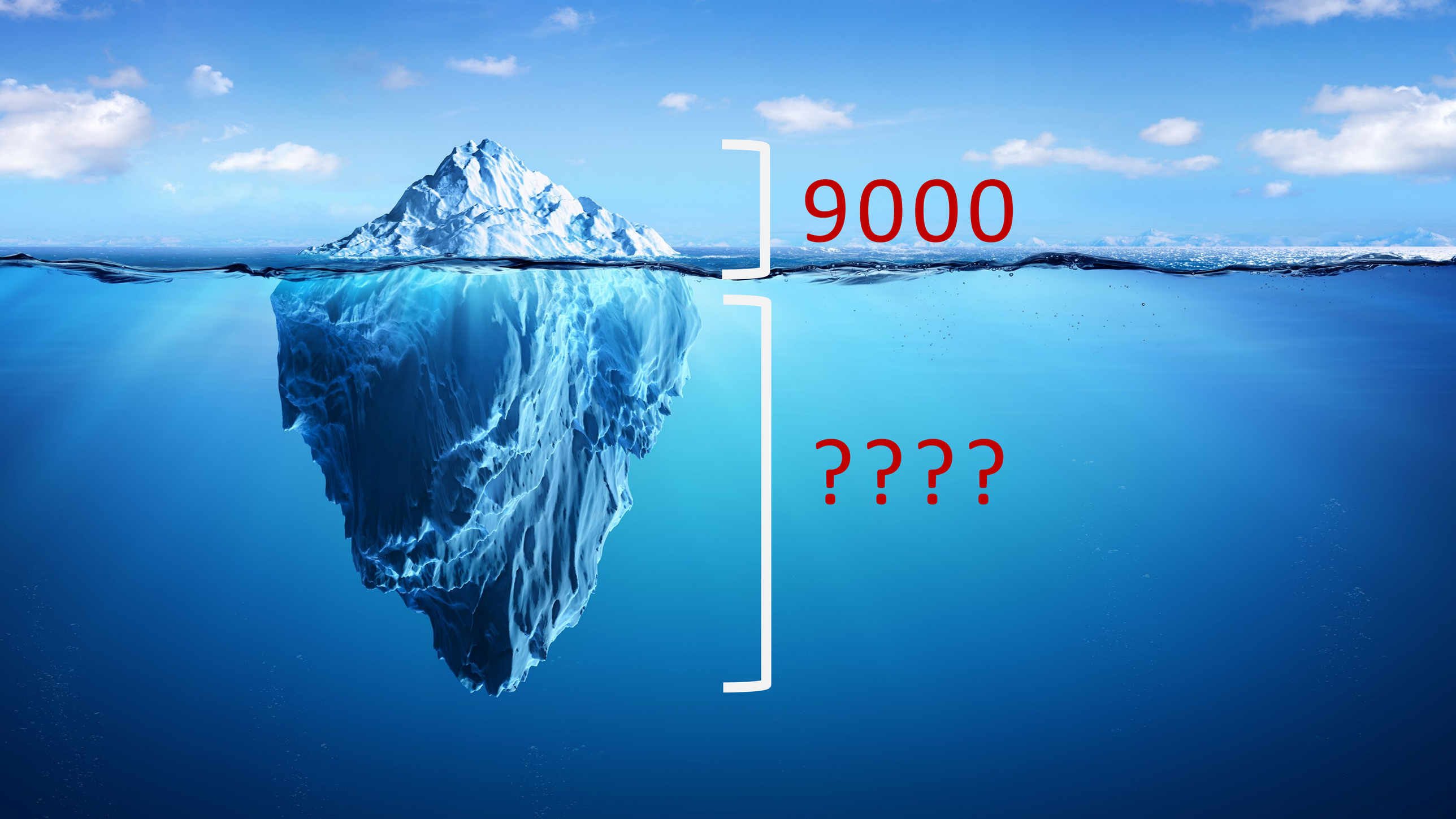
05

**Key** take aways

# 01

# Why Regulation?

Vital statistics...
9000
1 in 12
= 18

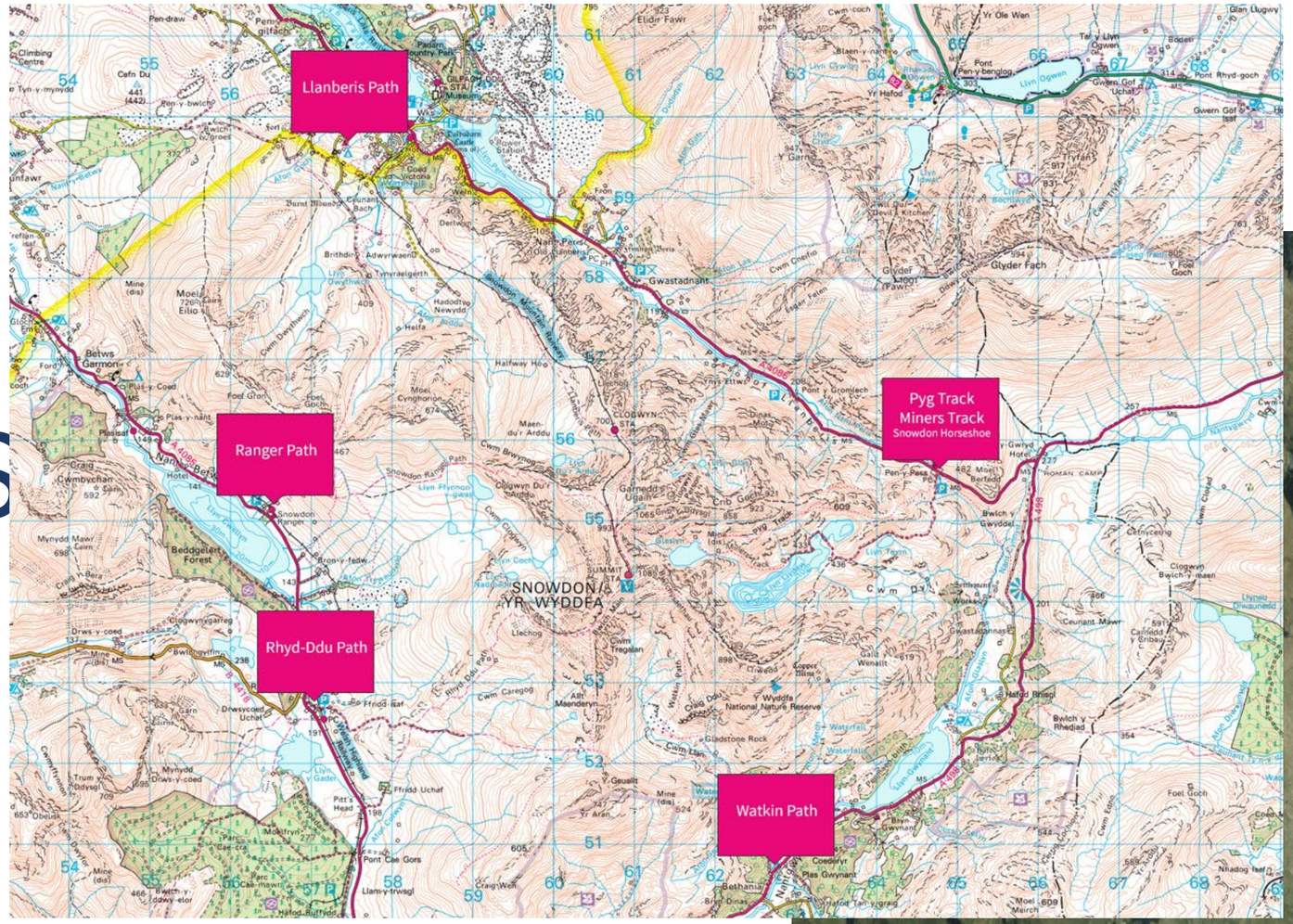

9000
????

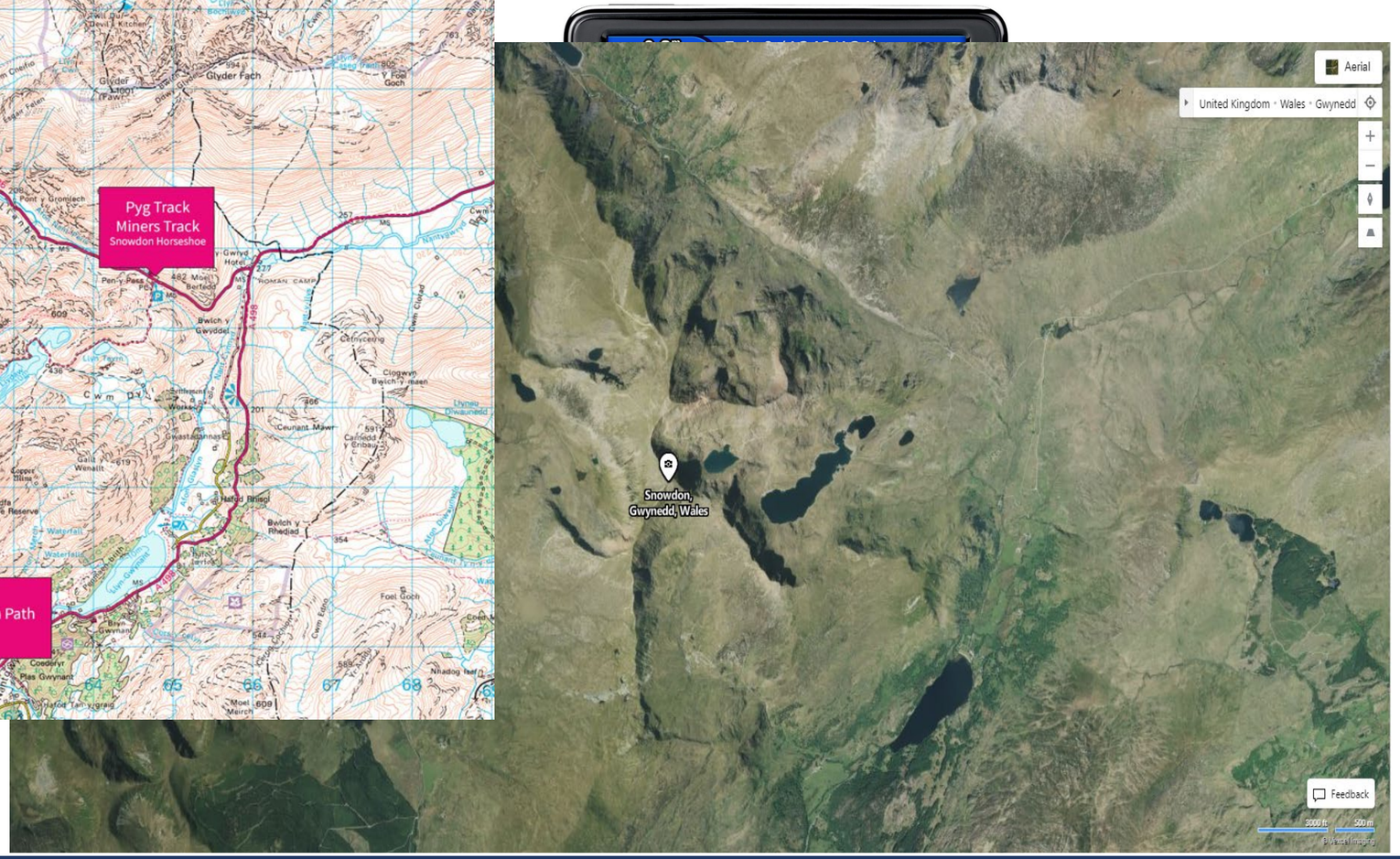
slido

## Why is it important to regulate healthcare professional's use of digital skills and new technology?

ⓘ Start presenting to display the poll results on this slide.

# What are the Standards of Proficiency? (SoP)



# 02

# Why focus on digital skills and new technology?

slido

## Why is it important to regulate healthcare professional's use of digital skills and new technology?

ⓘ Start presenting to display the poll results on this slide.

# Opportunities/Benefits

## Key Statistics

**55.5m**

*UK Smartphone owners*

**94%**

*% households connected to broadband (Ofcom)*

**99%**

*% of Gp practices in England offering remote options (NHS England 2023)*

## Digital Changes Key Lines

- Telehealth or remote consultations 2.2m in 02/2020 to 6.2m in 08/21 (Lancet)

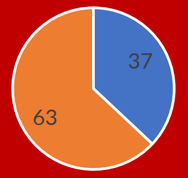
### Pandemic Benefits

*6/10 parents felt internet helped children learn when schools were closed or not accessible*

# Threats/Drawbacks

## Digital Exclusion Key Lines

No access to internet at home:
- 18% of 65+ age
- 11% lower income households
- 10% the most financially vulnerable




Lack of basic equipment is a barrier to use for 37%

### Pandemic Threats

*1 in 5 children did not have access to suitable digital device for home learning*

*Almost 50% find the internet too complicated to use*

## Key Statistics

**5%**

*% UK population considered digitally excluded*

**6%**

*% households not connected to internet (Ofcom)*

**65%**

*Proportion Population in Wales with 5 basic digital skills (80% average)*

# 03

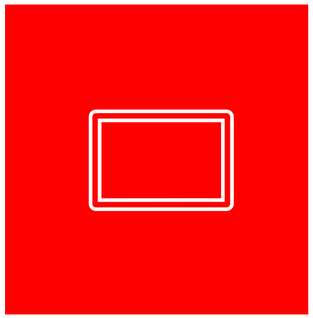
# What are the Updated Standards of Proficiency (SoP)?

# Updated Standards: What has changed?

- Centralising the service user
- Registrants' mental health
- Equality, diversity & inclusion
- Leadership at all levels
- Digital skills & new technologies

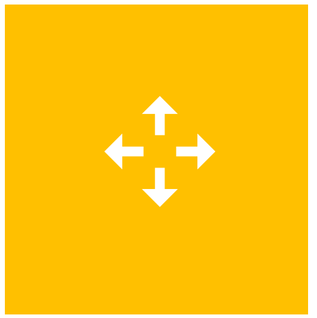
# SoP: Digital Skills and New Technology

6.5: recognise that confidentiality and informed consent extend to all mediums



7.7: use information, communication and digital technologies appropriate to your practice

9.3: use digital record-keeping tools where required



13.1: be able to change your practice as needed to take account of new developments, technologies and changing contexts

# Fact or fiction – the one slide summary

Updated standards in this area fundamentally change rules about confidentiality and consent

Be aware of and mitigate issues around digital technology and confidentiality and informed consent

I have to learn all the digital skills and new technology relevant to me

Use technologies appropriate to your practice

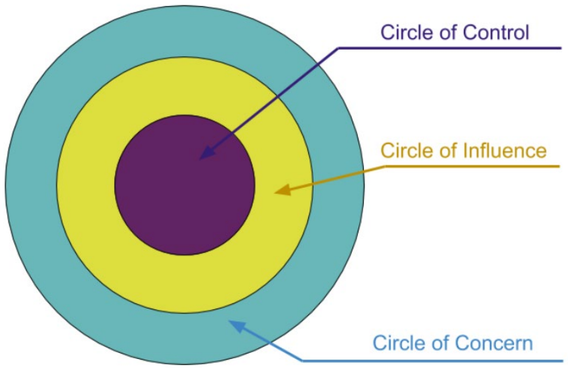
You must only write clinical and electronic notes from September 2023

Use digital record-keeping tools where required

I need to learn this new skill or adopt that new technology to stay compliant with HCPC standards

Be able to change your practice as needed to take account of change in digital technology

What is in your circle of influence?



# 04

# The ‘Hows’ of implementation

What identifies effective leaders is an ability to see where their practice is, and where it needs to be, and to plot steps to get there

This Photo by Unknown Author is licensed under CC BY-NC-ND

LOGO
BUSINESS
6.5: Recognise that confidentiality and informed consent extend to all mediums
7.7: Use information, communication and digital technologies appropriate to your practice
9.3: Use digital record-keeping tools where required
13.1: Be able to change your practice as needed to take account of new developments, technologies and changing contexts
A practitioner psychologist who works independently from home. Uses home Wifi for telehealth appointments with clients. She works from her home office and records notes digitally on cloud based clinic software. She has two young children
A speech and language therapist uses AI technology to produce materials and content to support a patient who has communication challenges
A physiotherapist who works independently as a sole practitioner. He often does home visits and has been writing notes clerically. His handwriting is hard to read especially on a busy day
A healthcare scientist who uses 3D modelling of a patient's head to make bespoke protective headgear for someone who has repeated head trauma

slido

**Regarding digital skills and technology - what 'gaps' have you found in your practice or service - and if relevant, how have you tried to close the gap in practice?**

ⓘ Start presenting to display the poll results on this slide.

# Tech-empowered care in pressure ulcer prevention

**Dr Mark Bowtell, Clinical Scientist**

Rehabilitation Engineering, Medical Physics & Clinical Engineering,
Swansea Bay University Health Board, NHS Wales

sbu.pupis@wales.nhs.uk

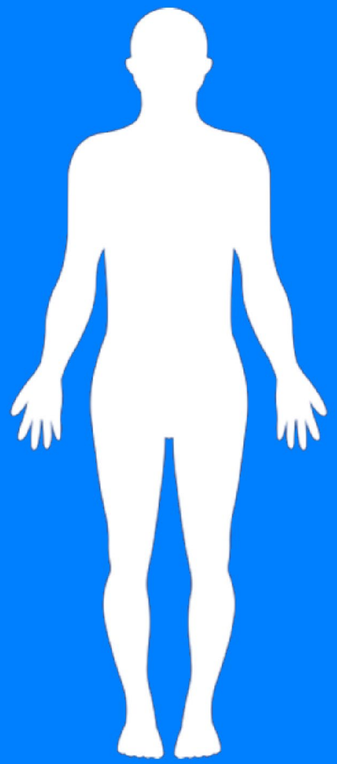
**Pressure Ulcer Prevention and Intervention Service**

GIG CYMRU NHS WALES

Bwrdd Iechyd Prifysgol Bae Abertawe

Swansea Bay University Health Board

GIG CYMRU NHS WALES
Bwrdd Iechyd Prifysgol Bae Abertawe
Swansea Bay University Health Board



# Offload

**Pressure Ulcer Prevention Mobile App**

## Challenge

Healthcare cost - £2.1 billion/year in UK (Posnett & Franks 2007)

Personal cost - time in bed 'immobility cycle', pain, infection, surgery, sepsis, death

Many pressure ulcers are avoidable and we don't know how best to manage them:

1) **Poorly informed and engaged patient groups and carers**

*"I wish I knew the risks…It was the pressure ulcer that disabled me, not the SCI."*

2) **Poorly informed and engaged Nurses and HCPs**

Over-reliance on specialist services. Lack of practical offloading of pressure.

## Action

Pressure ulcer resource hub – mobile app

-- Equipping front-line care --

-- Engaging vulnerable patients --

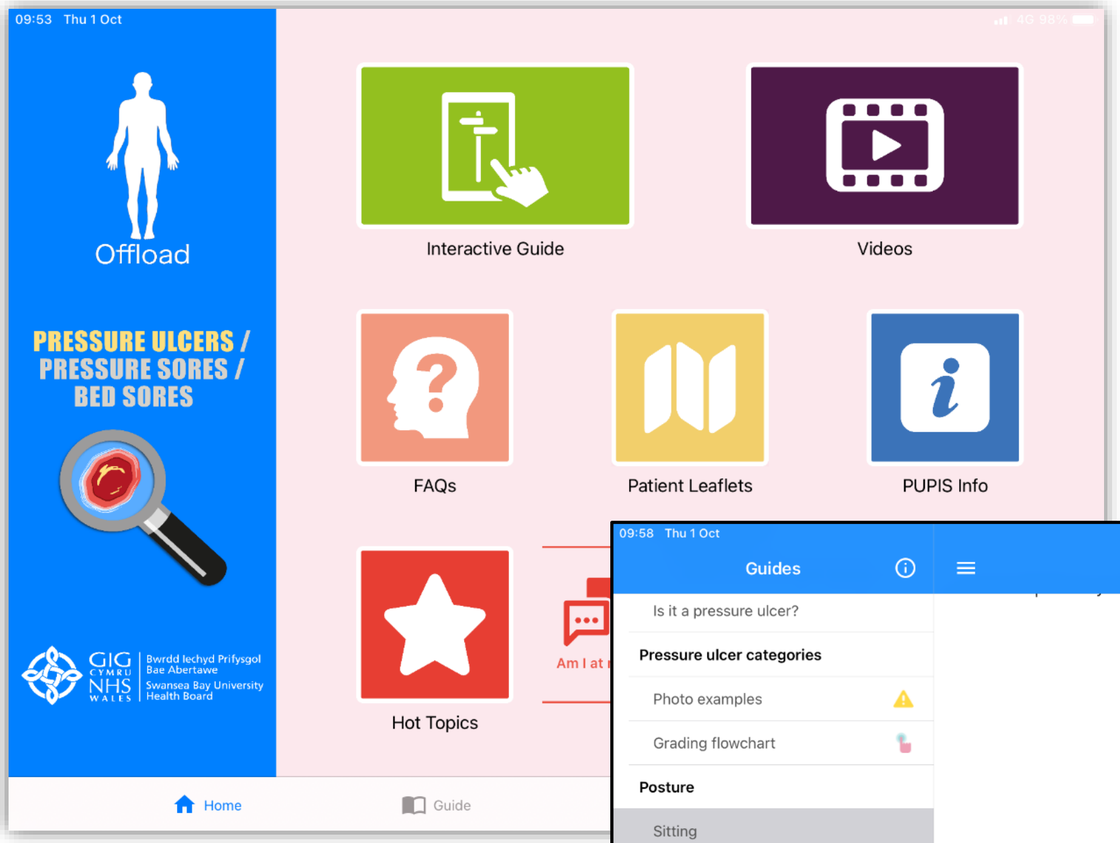
-- Enabling prevention & management --

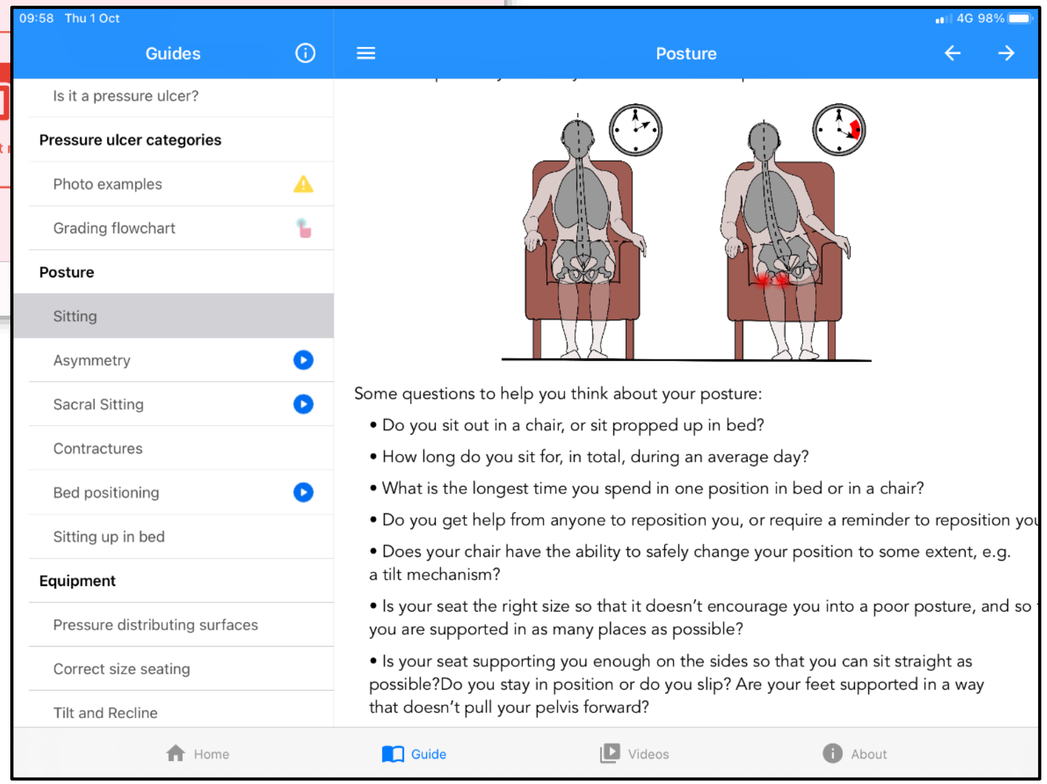
## Result

300+ Community Nursing & Therapist users in Swansea Bay UHB

Enabled individuals to take more control over their own health, promoting appropriate self-care behaviours

*"It has had a real impact on how I position myself and move, once I realised how affected I was"*




GIG CYMRU NHS WALES
Bwrdd Iechyd Prifysgol Bae Abertawe
Swansea Bay University Health Board

# Offload

## Pressure ulcer resource hub

Equipping front-line care

Engaging vulnerable patients

Enabling prevention & management

Download on the App Store

Freely available

sbu.pupis@wales.nhs.uk

Initial funding from Welsh Government

**Pressure Ulcer Prevention and Intervention Service**

GIG CYMRU NHS WALES
Bwrdd Iechyd Prifysgol Bae Abertawe
Swansea Bay University Health Board

Avoid a sore, move a little more

# MoveTrak

Personal immobility monitoring

## Challenge

Many in care homes can move, but don't move for long periods

Immobility = greatest risk factor for pressure ulcers

Sitting time linked with various health concerns and early mortality (Diaz et al 2017)

## Action

Funding: Social Care Hack – ARCH/Welsh Government

Technology enablers – Objectivity (now Accenture)

Scoping research with Care home (Hengoed Court)

Technology research with ATiC

Collaboration with Sitfyt.com

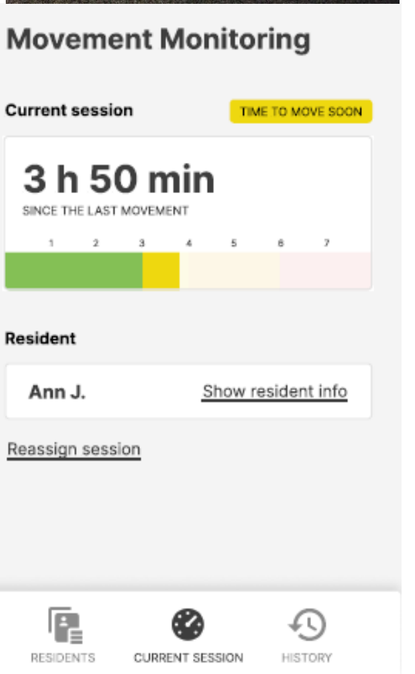
→

Develop interface targeted to care/health environment

→

Proof of Concept testing in care home

…**Result** ??



# Small tech solutions → big difference

| | |
|---|---|
| Informed and engaged patients before they arrive | Service webpage |
| Remote consultation / telehealth | Attend Anywhere |
| Bespoke patient feedback | Microsoft Forms |
| Patient owned medical data | Patient Knows Best |
| Wound image/data sharing portals | Healthy.io |
| Human movement digitation for outcomes measures | Agile Kinetic |

**What will technology do better?**

information, time, connection, data flow, reach the unreachable

EFFICIENCY, SAFETY, QUALITY

slido

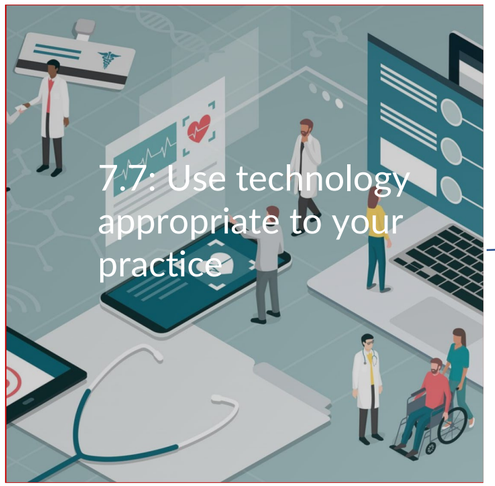
**Regarding digital skills and technology - what 'gaps' have you found in your practice or service - and if relevant, how have you tried to close the gap in practice?**

ⓘ Start presenting to display the poll results on this slide.

# 05

# ‘Key take aways’

# Key Take aways: Digital Skills and New Technology



Top Tips:

- Horizon scanning relevant to your field
- Join networks and professional bodies for support on emerging technologies and approaches
- Speak to digital champions
- Consider training on systems and approaches you don't feel confident in.

Reflect on the technology you already use, undertake regular gap analysis on current practice in the light of new developments, technologies, contexts.

# Thanks for joining our webinar today!

professional.liaison@hcpc-uk.org

# 19/06/23 #myhcpcstandards: Digital skills and new technologies evaluation

Please complete our evaluation form to help us understand your experience today!

# About the Professional Liaison Service

- Established in 2020 and is focused on supporting professionalism, reducing harm and protecting professional reputations
- Working in partnership with registrants, employers and other stakeholders, the Professional Liaison Service aims to influence and support the development of healthy cultures, working environments and practices that will support you to embed and achieve high professional standards.
- There is no charge for the consultancy support and educational programmes provided by the Professional Liaison Service.

Please do reach out and let us know how we can best support you!

professional.liaison@hcpc-uk.org