

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

LOGO BUSINESS

01

Why Regulation?

LOGO BUSINESS

02

Why focus on digital skills and new technology?

LOGO BUSINESS

03

What are the Updated Standards of Proficiency (SoP)?

LOGO BUSINESS

04

The 'Hows' of implementation

LOGO BUSINESS

05

'Key take aways'

#myhcpstandards webinar

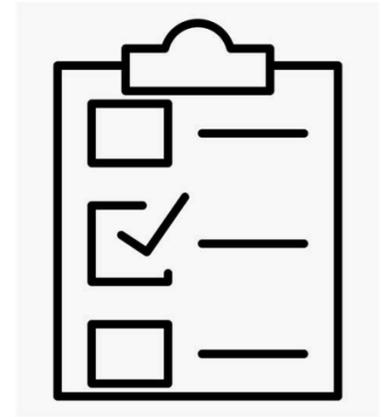
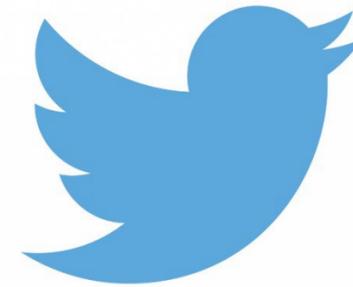
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#myhcpcstandards
@The_HCPC

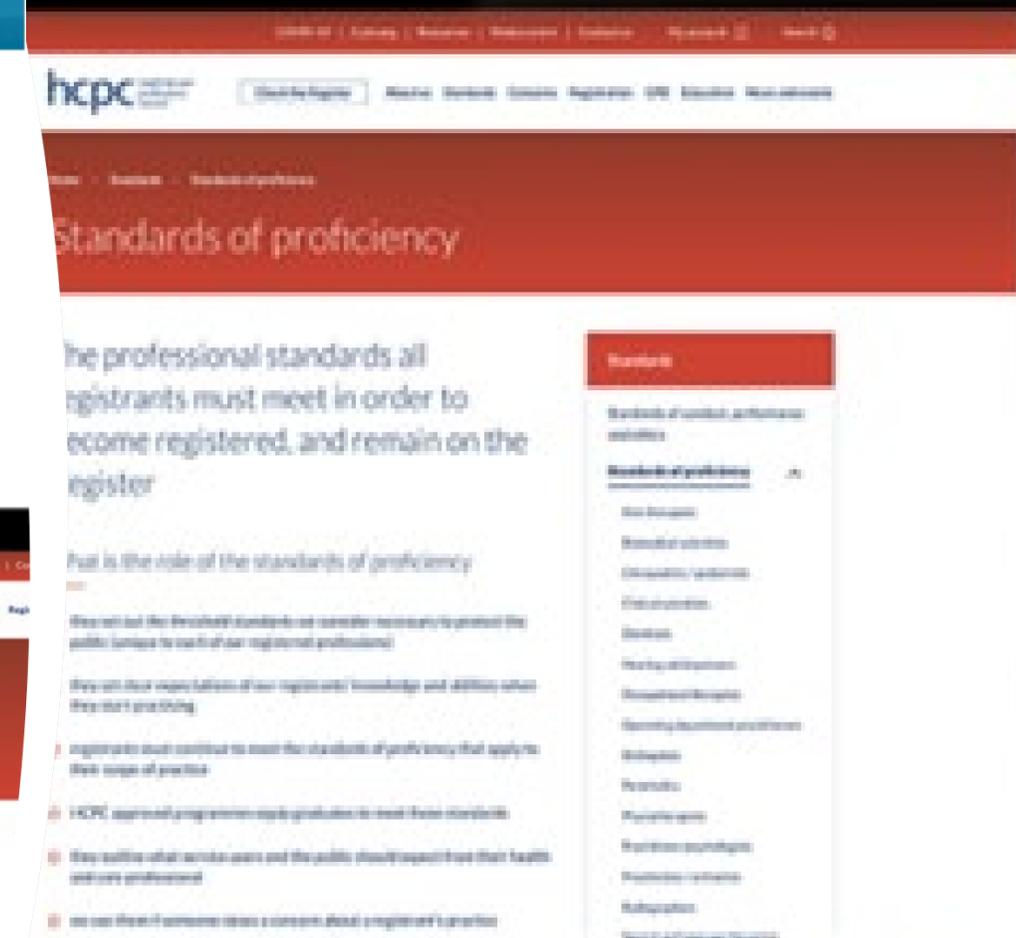
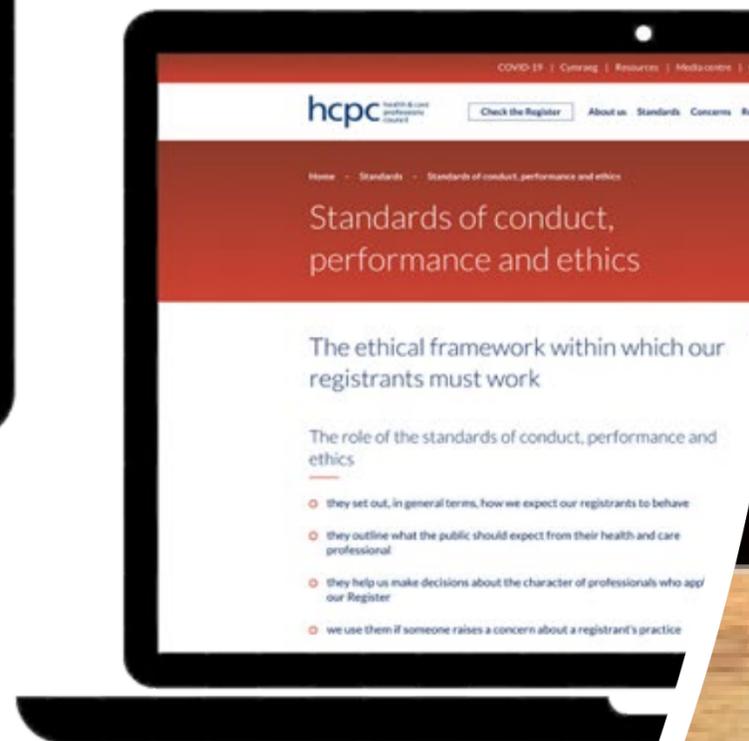


professional.liaison@hcpc-uk.org

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!

The screenshot shows a web browser window with the URL <https://www.hcpc-uk.org/students/enter-our-student-competition/>. The page features a teal header with navigation links: COVID-19, Cymraeg, Resources, Media centre, Contact us, My account, and Search. Below the header is the HCPC logo (health & care professions council) and a 'Check the Register' button. A secondary navigation menu includes About us, Standards, Concerns, Registration, CPD, Education, and News and events. The main content area has a teal background with the breadcrumb 'Home - Student hub - Student competition' and the title 'Student competition'. A callout box on the right says 'Please see website for full terms & conditions!'. The main text reads: 'The 2023 Student competition is open! Design a learning session about health and wellbeing for a chance to win a £300 voucher prize. To be able to care for your service users, you must take care of yourself. We know our registrants face enormous stress in their role and. it's important to know that if you are struggling, you're not alone and support is available. We invite students who are enrolled in a HCPC approved pre-registration programme to create a learning session for their fellow students, which explores the importance and different ways of maintaining your own health and wellbeing as a health and care professional. You can enter the competition on your own or in a team of up to six students. Some resources you could use are our: Student hub - which provides specific guidance and help for students'. On the right, there is a 'Student hub' menu with items: Guidance on conduct and ethics, Learning materials for students, Why registration matters - the benefits of joining a regulated profession, How the Standards apply to students, Becoming registered, Health, disability and becoming a health and care professional, and Covid-19 advice for students. A QR code is also present.

COVID-19 | Cymraeg | Resources | Media centre | Contact us | My account | Search

hcpc health & care professions council

Check the Register

About us | Standards | Concerns | Registration | CPD | Education | News and events

Home - Student hub - Student competition

Student competition

Please see website for full terms & conditions!

The 2023 Student competition is open!

Design a learning session about health and wellbeing for a chance to win a £300 voucher prize.

To be able to care for your service users, you must take care of yourself. We know our registrants face enormous stress in their role and. it's important to know that if you are struggling, you're not alone and support is available.

We invite students who are enrolled in a HCPC approved pre-registration programme to create a learning session for their fellow students, which explores the importance and different ways of maintaining your own health and wellbeing as a health and care professional.

You can enter the competition on your own or in a team of up to six students. Some resources you could use are our:

- Student hub - which provides specific guidance and help for students

Student hub

- Guidance on conduct and ethics
- Learning materials for students
- Why registration matters - the benefits of joining a regulated profession
- How the Standards apply to students
- Becoming registered
- Health, disability and becoming a health and care professional
- Covid-19 advice for students

16:12 27/04/2023

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?



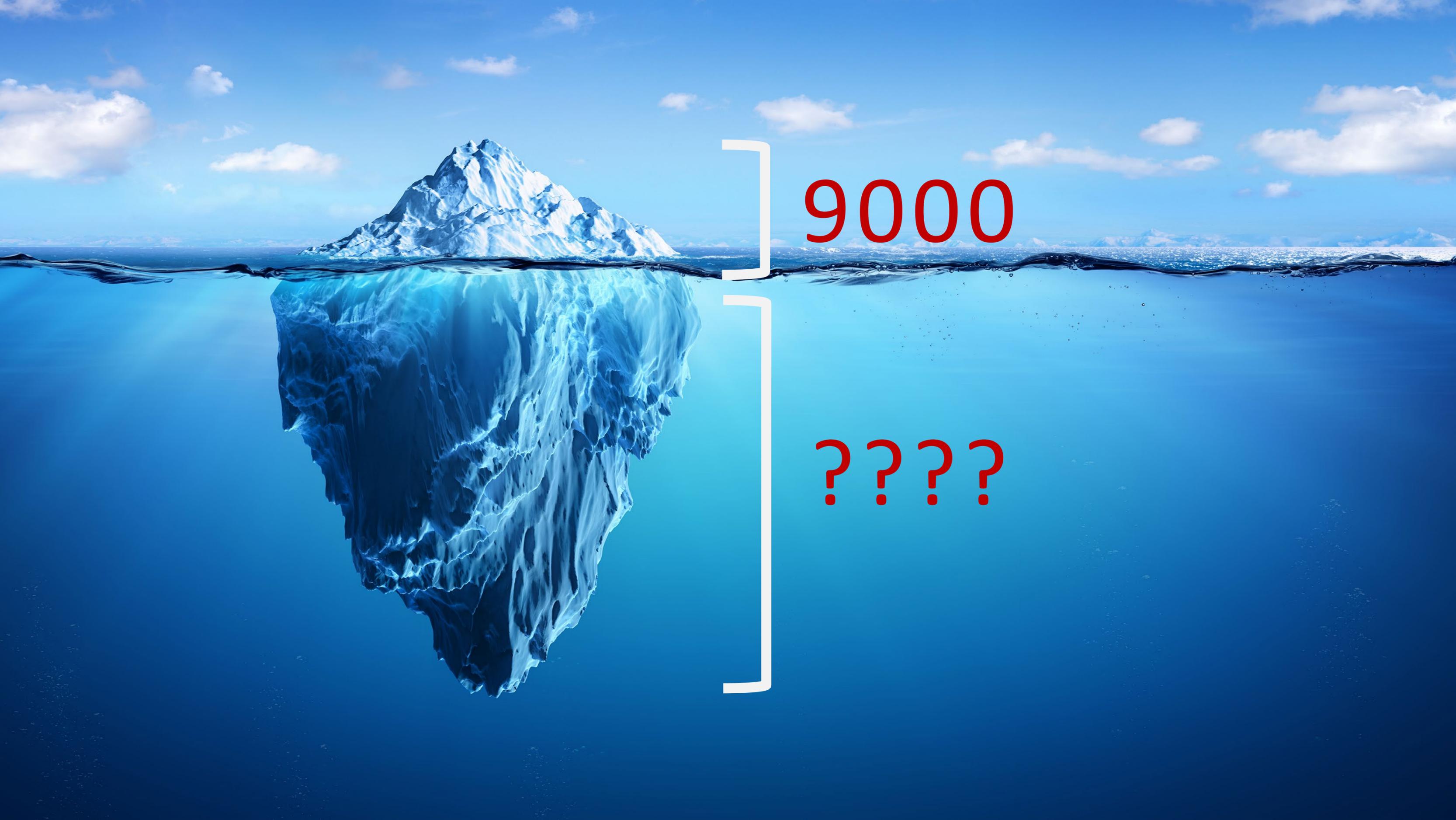
Vital statistics...



9000

1 in 12

= 18



9000

????

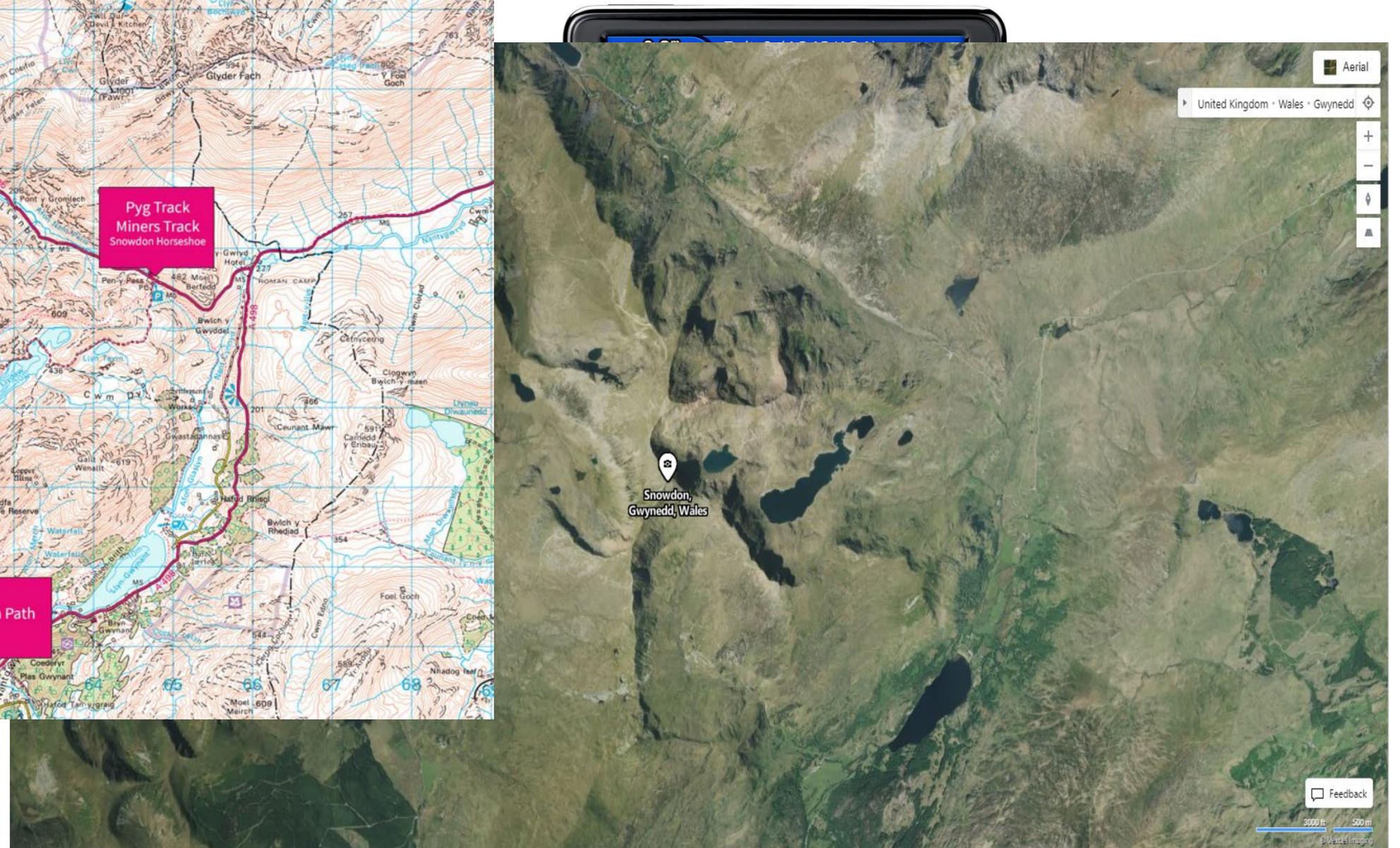
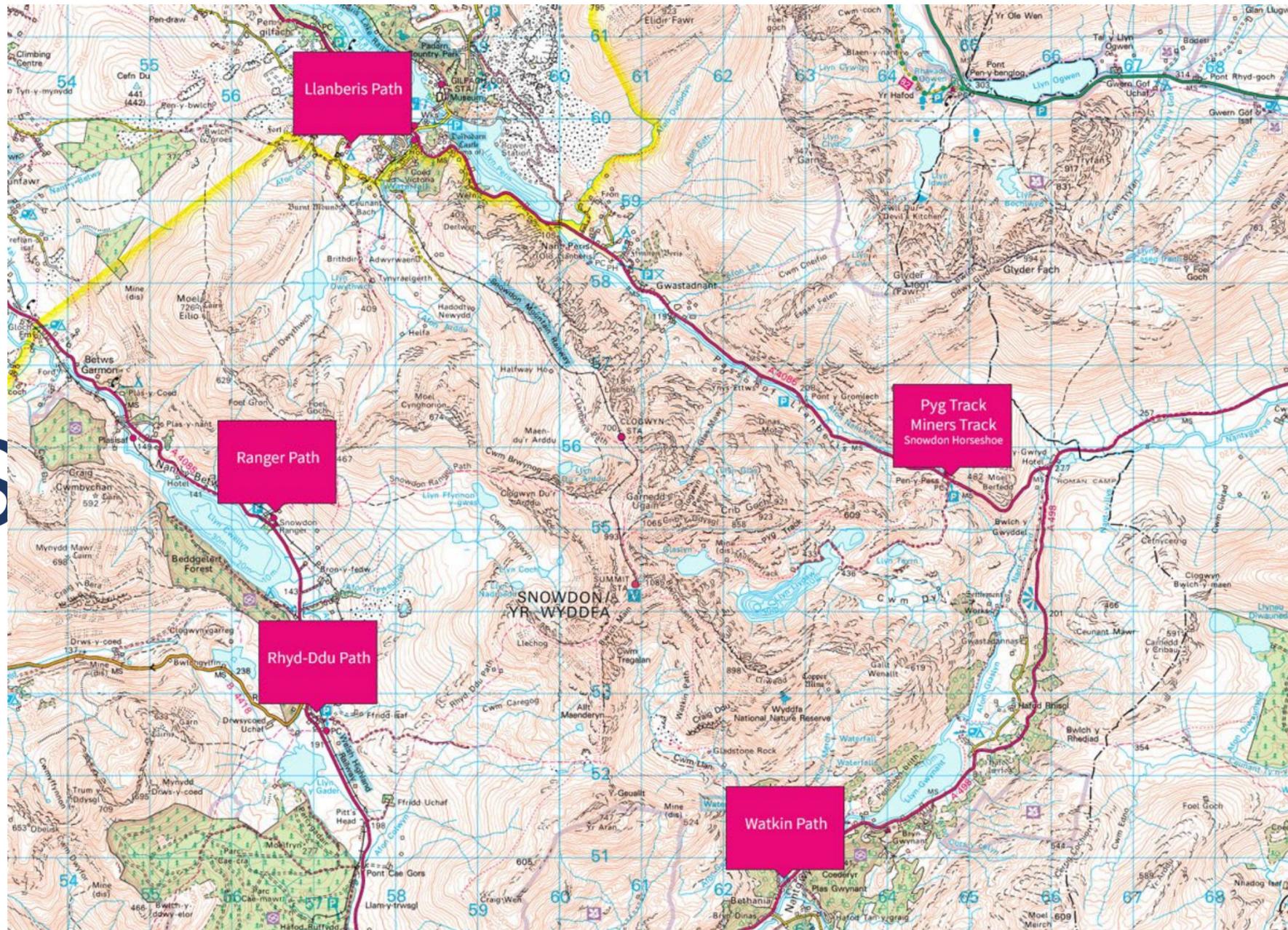
slido



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

What are the Standards of Proficiency? (SoP)

BUSINESS



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?

① Start presenting to display the poll results on this slide.



Opportunities/Benefits

Key Statistics



UK Smartphone owners



% households connected to broadband (Ofcom)



% 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

Key Statistics



% UK population considered digitally excluded



% households not connected to internet (Ofcom)

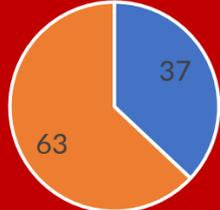


Proportion Population in Wales with 5 basic digital skills (80% average)

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

03

What are the Updated
Standards of Proficiency
(SoP)?

Updated Standards: What has changed?



Centralising the service user

Registrants' mental health

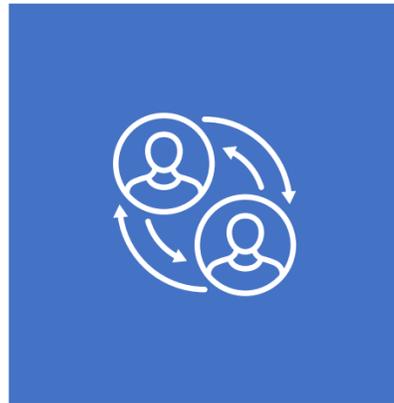
Equality, diversity & inclusion

Leadership at all levels

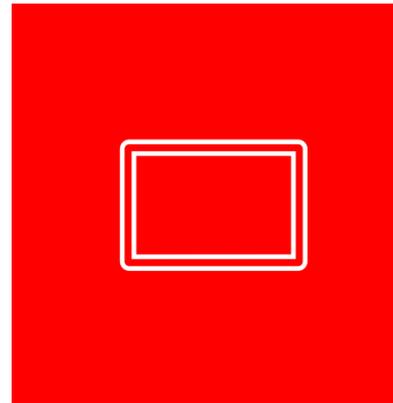
Digital skills & new technologies



SoP: Digital Skills and New Technology



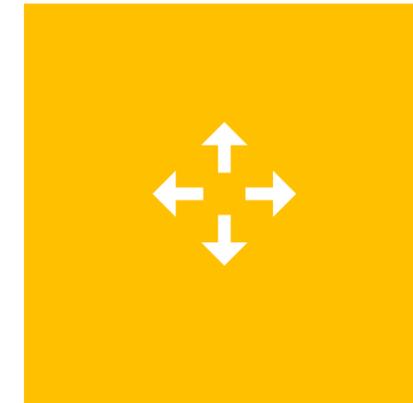
6.5: recognise that confidentiality and informed consent extend to all mediums



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 digital and electronic notes from September 2023~~

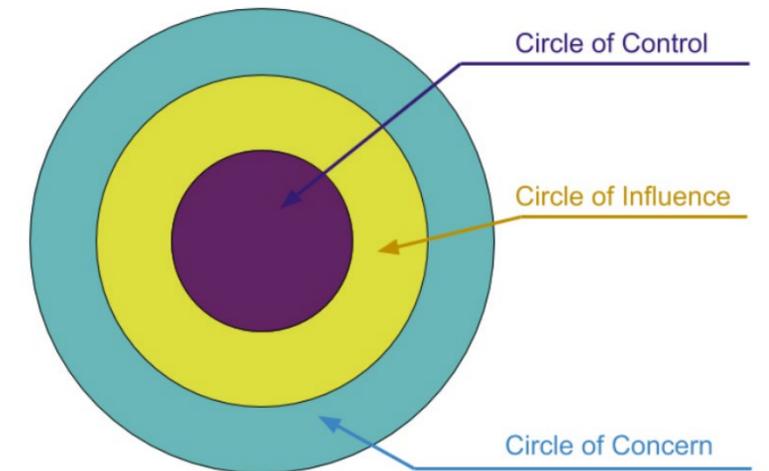
Use digital record-keeping tools where required



~~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



MIND THE GAP



LOGO

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



BUSINESS

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

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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?



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

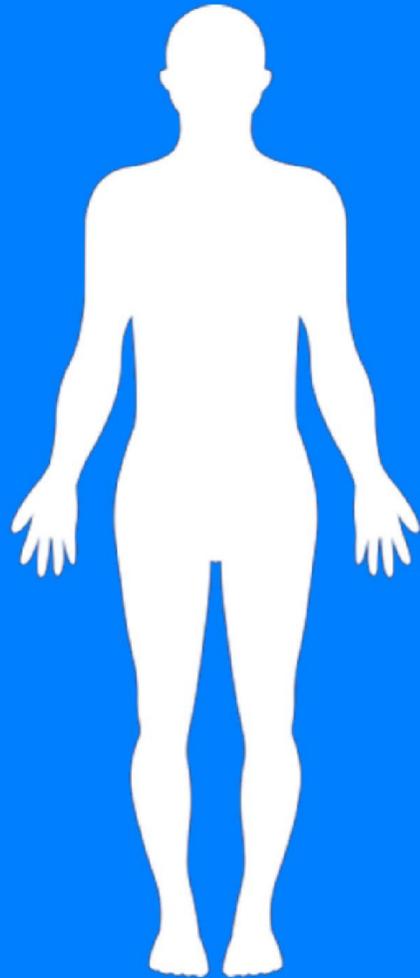
sbu.pupis@wales.nhs.uk

Pressure Ulcer Prevention and Intervention Service



GIG
CYMRU
NHS
WALES

Bwrdd Iechyd Prifysgol
Bae Abertawe
Swansea Bay University
Health Board



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.



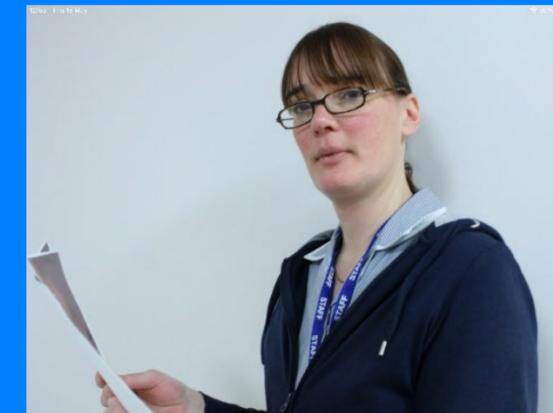
Action

Pressure ulcer resource hub – mobile app

-- Equipping front-line care --

-- Engaging vulnerable patients --

-- Enabling prevention & management --

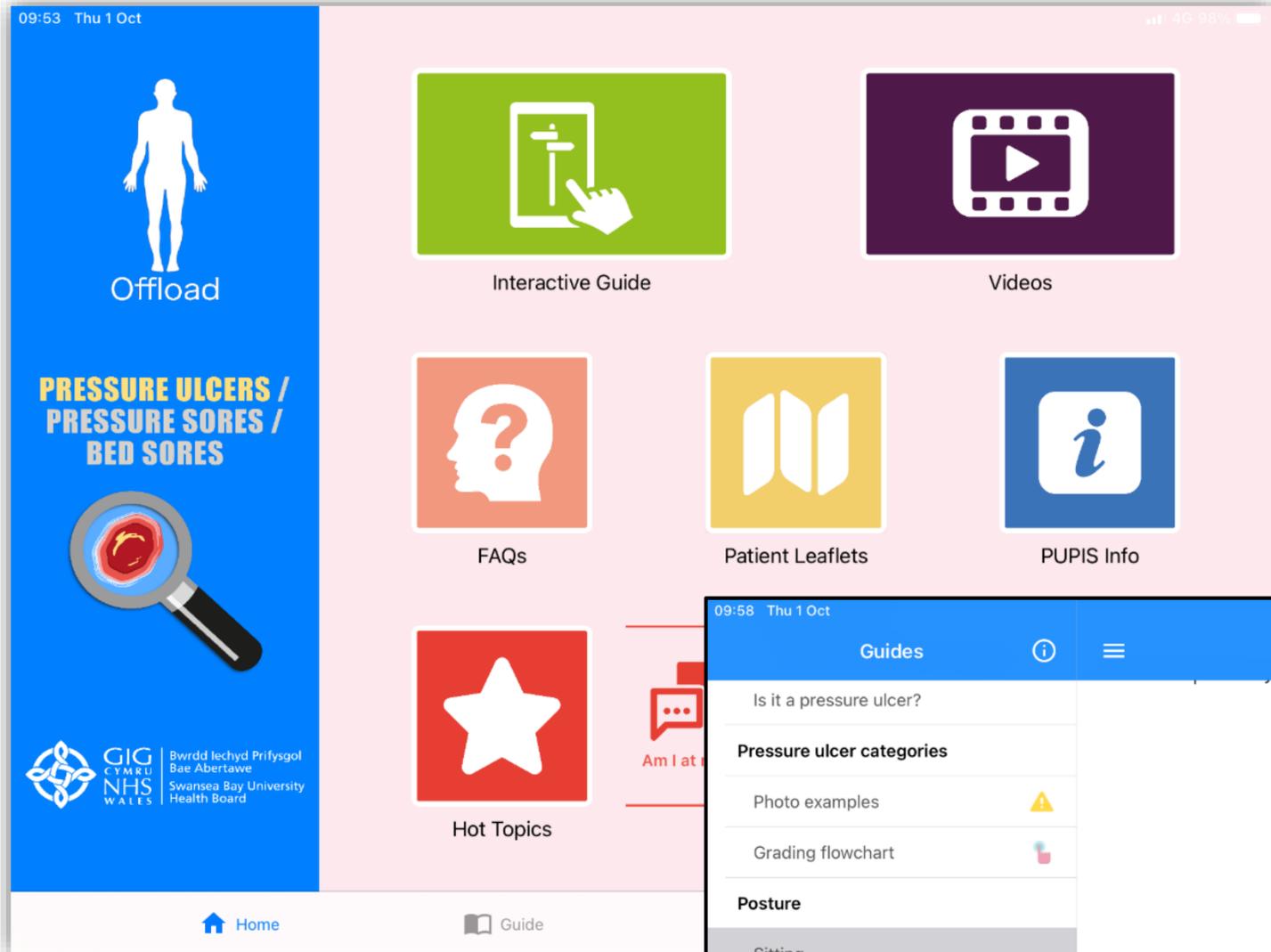


Result

300+ Community Nursing & Therapist users in Swansea Bay UHB

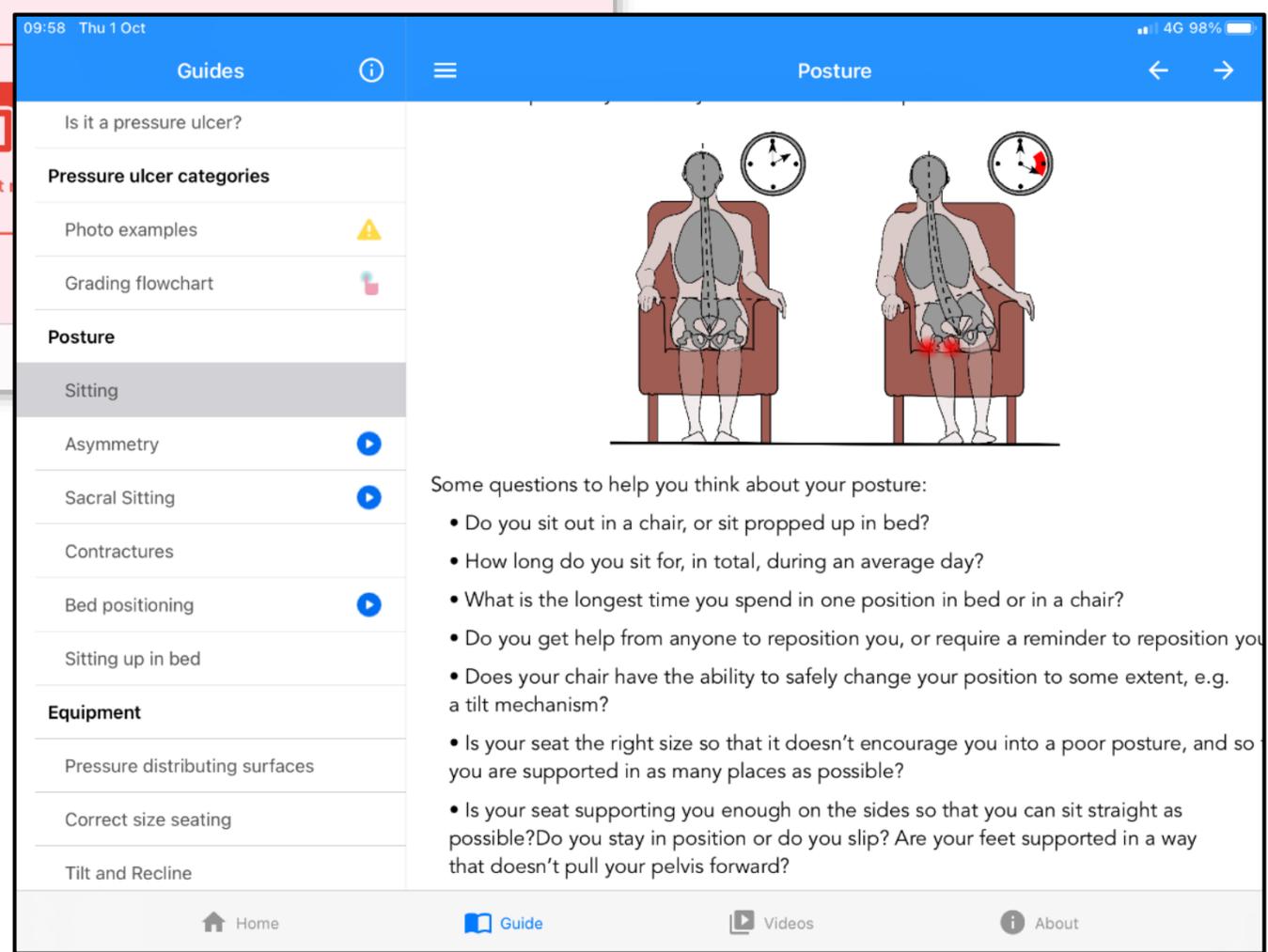
Enabled individuals to take more control over their own health, promoting appropriate self-care behaviours

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



Offload

Pressure ulcer resource hub
 Equipping front-line care
 Engaging vulnerable patients
 Enabling prevention & management



Freely available

sbu.pupis@wales.nhs.uk

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)

Avoid a sore, move a little more

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

MoveTrak

Personal immobility monitoring

→
Develop interface targeted to care/health environment

→
Proof of Concept testing in care home

→
...Result ??



Movement Monitoring

Current session

TIME TO MOVE SOON

3 h 50 min

SINCE THE LAST MOVEMENT

1 2 3 4 5 6 7

Resident

Ann J.

[Show resident info](#)

[Reassign session](#)



RESIDENTS



CURRENT SESSION



HISTORY



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



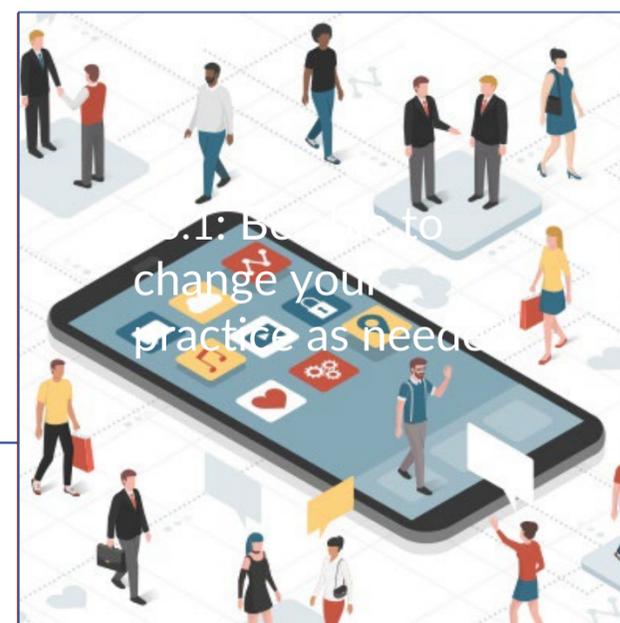
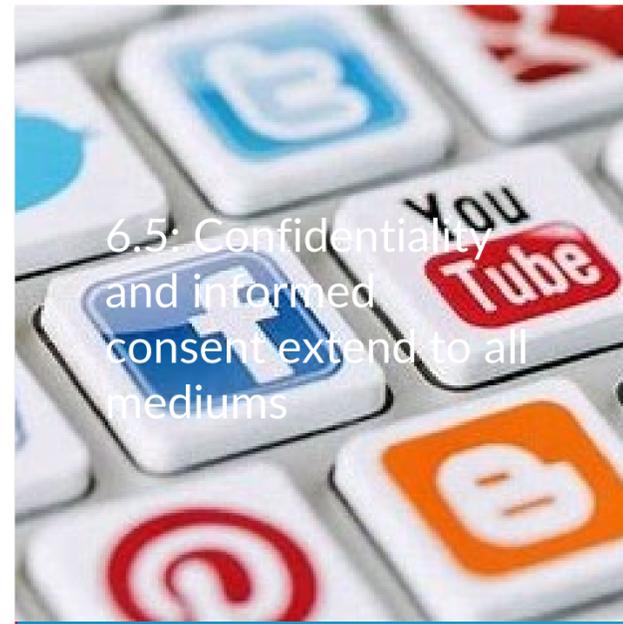
Regarding digital skills and technology - what 'gaps' have you found in your practice or service - and if relevant, how have you tried to close the gap in practice?

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05

'Key take aways'

Key Take aways: Digital Skills and New Technology



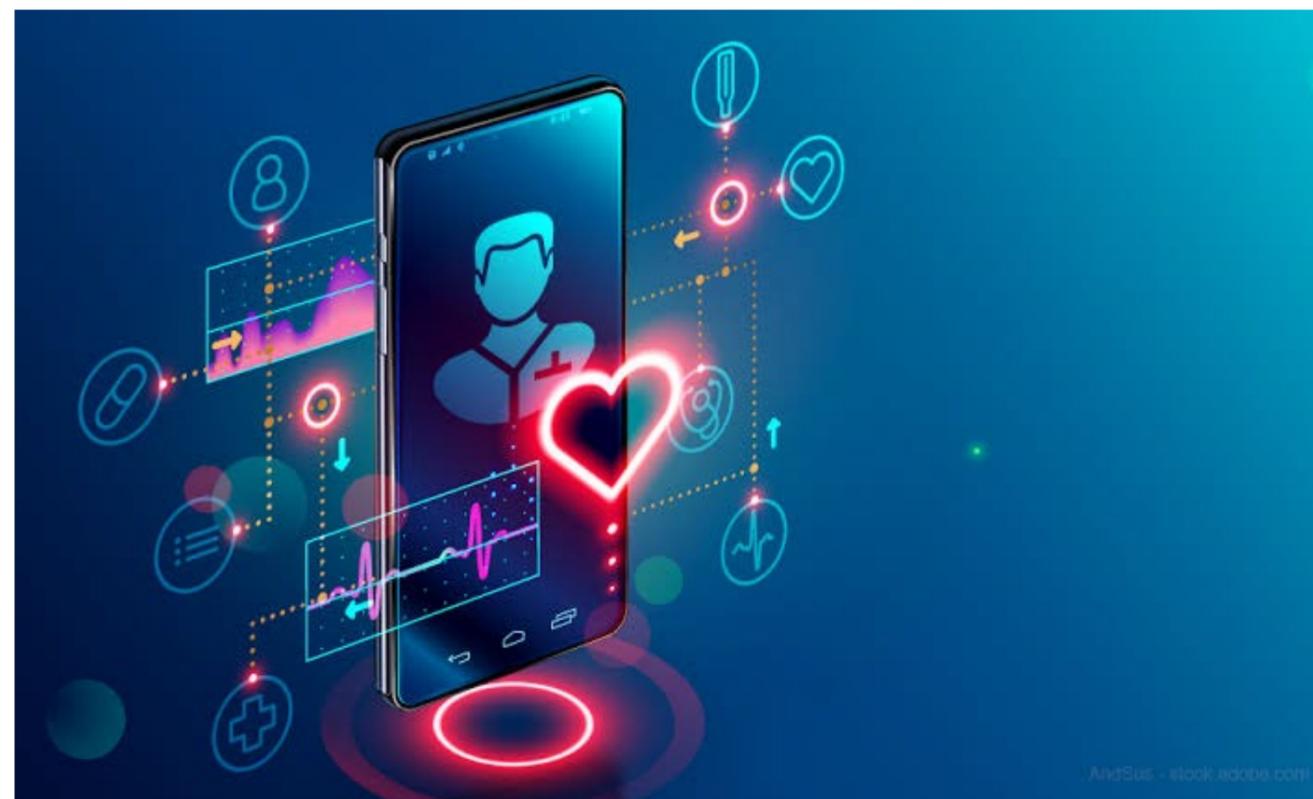
Top Tips:

- 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 #myhpcstandards:
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