



England

Severn Foundation Cases

Regional Teaching Series

Presented by:

Samuel Leach

Foundation Year 2 Doctor

Gloucestershire Hospitals NHS Foundation Trust

} SEVERN POSTGRADUATE
MEDICAL EDUCATION

} PENINSULA POSTGRADUATE
MEDICAL EDUCATION

Joint Foundation Sharing Best Practice Event, 25/03/24



Severn Foundation Cases – A regional teaching series to complement local trust teaching for foundation doctors in the United Kingdom

Boris Wagner*, Samuel Leach*, Eppie Taylor-Adams, Isabella Sawyer, Georgie Lewis, Oscar Maltby, Jonathan Smith, Sara Evans and Clare Van Hamel

Author affiliations:

¹University Hospitals Bristol and Weston NHS Foundation Trust, Bristol, United Kingdom

Gloucestershire Hospitals NHS Foundation Trust, Gloucestershire, United Kingdom

Royal United Hospitals Bath NHS Foundation Trust, Bath, United Kingdom

North Bristol NHS Trust, Bristol, United Kingdom

Severn Foundation School, Health Education England, United Kingdom

*Joint first-authorship

GMC Workforce report 2019

→ **Just 66%** of F1 doctors
feel adequately prepared
for their first foundation
post

The state of medical education
and practice in the UK

2019

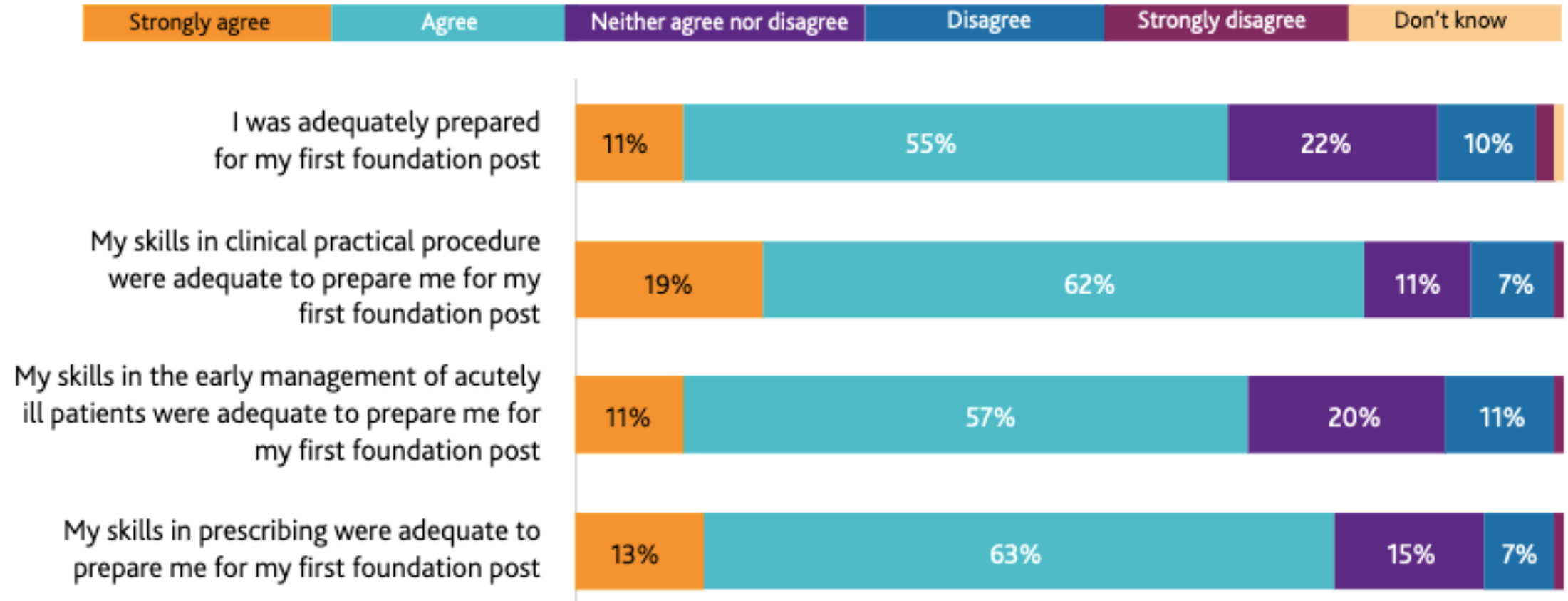


Working with doctors Working for patients

General
Medical
Council

Background

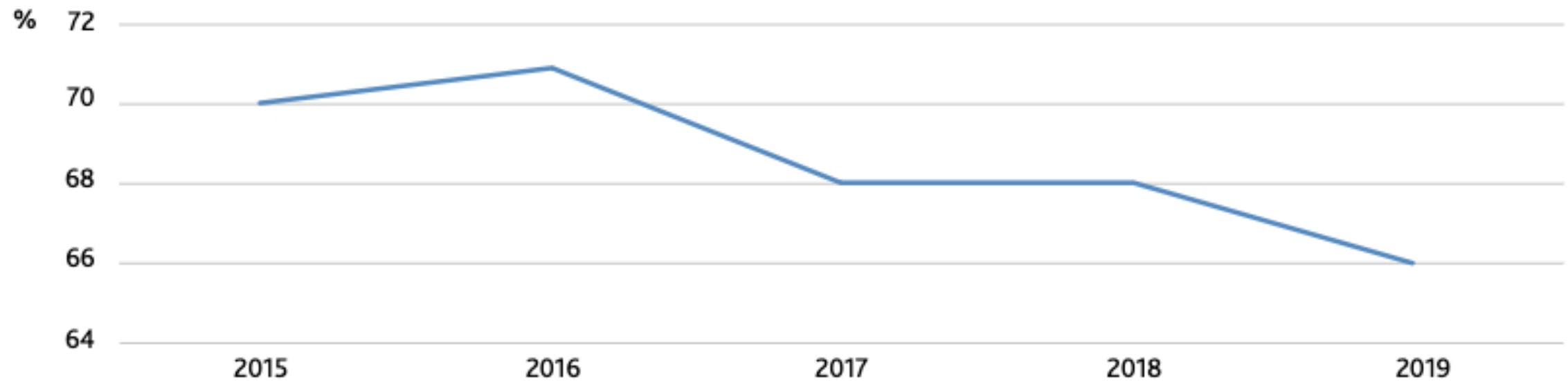
Figure 33: F1 preparedness for their first postgraduate training post, national training survey 2019



n = 7,145.

Background

Figure 34: Proportion of F1 doctors who agreed they were adequately prepared, national training surveys from 2015 to 2019



n = 7,145 (2019); 7,055 (2018); 7,240 (2017); 7,495 (2016); 7,414 (2015).

Background

- **ARCP: minimum 60 teaching hours (30 core; 30 non-core)**
- **Local Trust Feedback – F1 Teaching:**

“Topics are not often helpful to F1 level”

“More acute scenarios, earlier on in year”

“Would be good to have more medical specific teaching e.g UGIB”

“I wish teaching was more tailored to F1 specific things - like how to manage certain conditions that we would see on call etc”



Background

- **ARCP: minimum 60 teaching hours (30 core; 30 non-core)**
- **Local Trust Feedback – F1 Teaching**
 - Suggests a demand for more on-call/acute scenario teaching
 - This should be delivered earlier on in the year
 - Trust F1 Teaching schedule does not always allow this
 - Reports of DIT struggling to attend lunchtime teaching due to ward commitments



Aims

The aims of the Severn Foundation Cases were to

1. Develop a regional, deanery-wide teaching programme for the Severn and Peninsula Foundation Schools
2. Supplement non-core teaching at local trust level
3. Increase the confidence of newly qualified Foundation Doctors in managing acute/on-call scenarios

Methods



- A series of six teaching sessions were delivered via MedAll
- Tuesday & Thursdays, 18h00-19h00
- Sessions were delivered by F2/CT/IMT Doctors
- Sessions were advertised via Facebook, Foundation School and Local Trust Foundation Teams
- Feedback was collected pre- and post-event
- Results were analysed using Microsoft Excel
- Statistical significance was set at $p < 0.05$



Follow

113 followers

Severn Foundation Cases

✉ severnfoundationcases@gmail.com

Deanery-wide teaching series aimed at supplementing non-core teaching for foundation doctors in Severn & Peninsul...



Recent catch-up content

[View all](#) →

ON DEMAND

Health Education England

Severn Foundation Cases

15/04/23

Medical on-calls: basic sugar management and death verification

FREE ONLINE

ON DEMAND

Health Education England

Severn Foundation Cases

Upper GI Bleeds, Seizures, Delirium & Agitation

Medical On-calls: Upper GI Bleeds, Seizures, Delirium & Agitation

FREE ONLINE

ON DEMAND

Chest pain, ECG interpretation

FREE ONLINE



Past events 6

[View all](#) →

EVENT

Severn Foundation Cases

Deanery-wide teaching for foundation trainees across the Severn & Peninsula Deaneries

On-calls series

8th-24th August 2023

EVENT

Severn Foundation Cases

Deanery-wide teaching for foundation trainees across the Severn & Peninsula Deaneries

On-calls series

8th-24th August 2023

EVENT

Severn Foundation Cases

Deanery-wide teaching for foundation trainees across the Severn & Peninsula Deaneries

On-calls series

8th-24th August 2023

On-call series: 8th – 24th August 2023

Session 1: General

- ✓ Handover tips
- ✓ Fluid reviews,
- ✓ Prescribing
- ✓ Electrolyte management

Session 2: Surgical

- ✓ Common surgical presentations
- ✓ Pancreatitis
- ✓ NG tubes

Session 3: General

- ✓ Basic sugar management
- ✓ DOLs
- ✓ Death verification

Session 4: Medical

- ✓ UGI Bleeds
- ✓ Seizures
- ✓ Agitation and delirium

Session 5: Medical

- ✓ Chest pain
- ✓ ECGs
- ✓ SOB
- ✓ Chest X-Ray interpretation

Session 6: Surgical

- ✓ Post-operative complications
- ✓ Vascular presentations
- ✓ Orthopaedic presentations

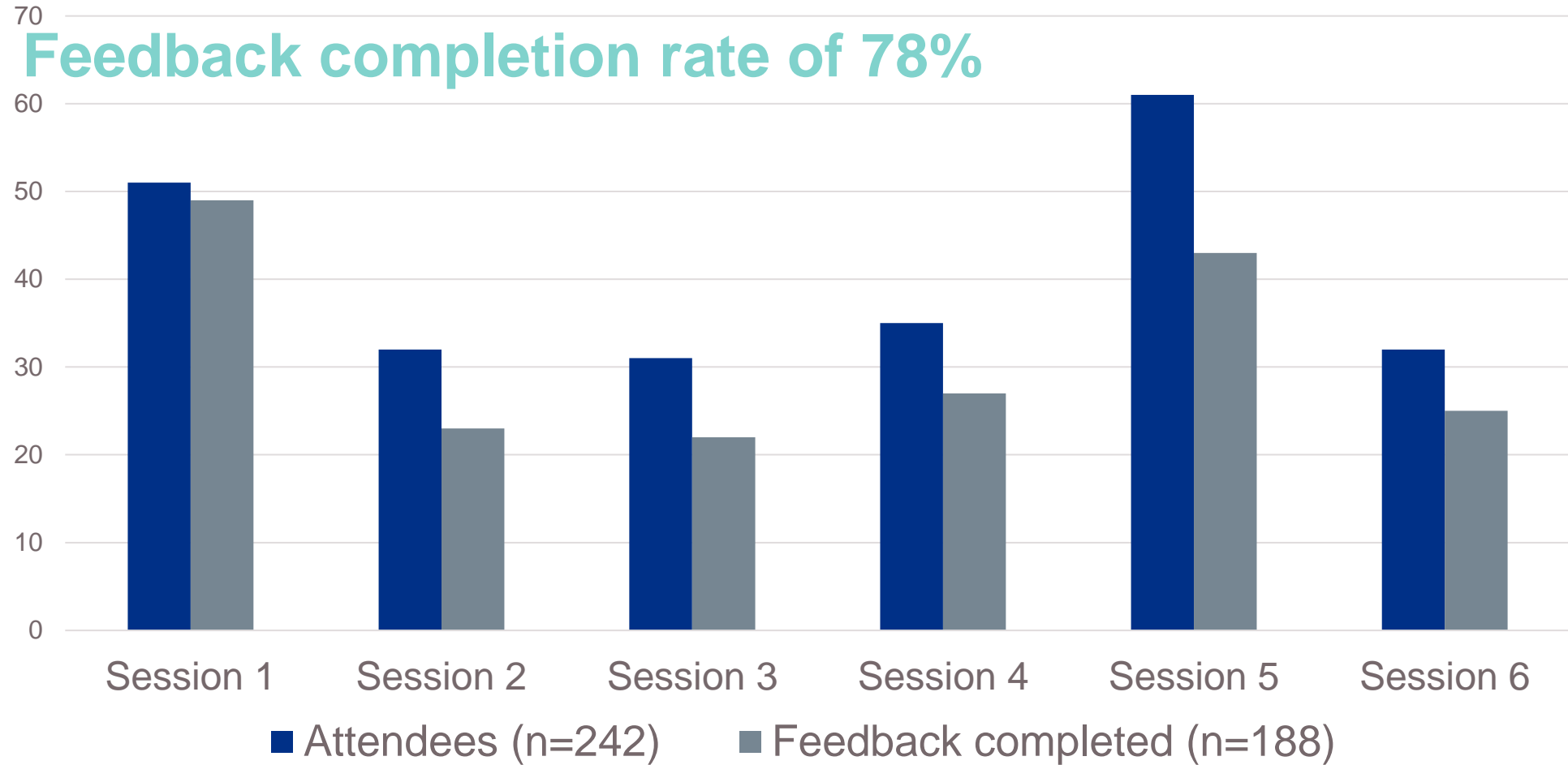
Results

Feedback evaluation

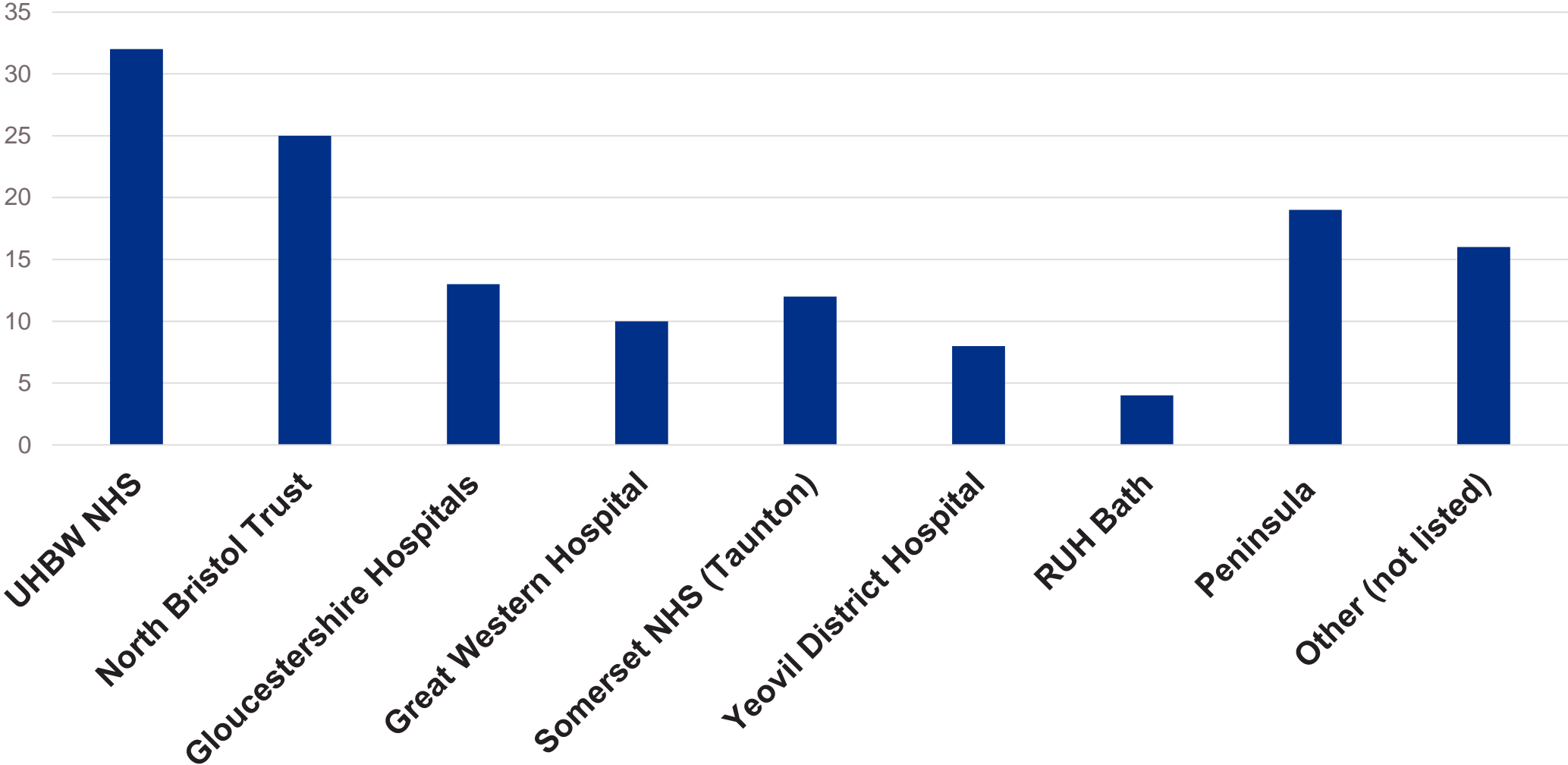
Number of attendees per session



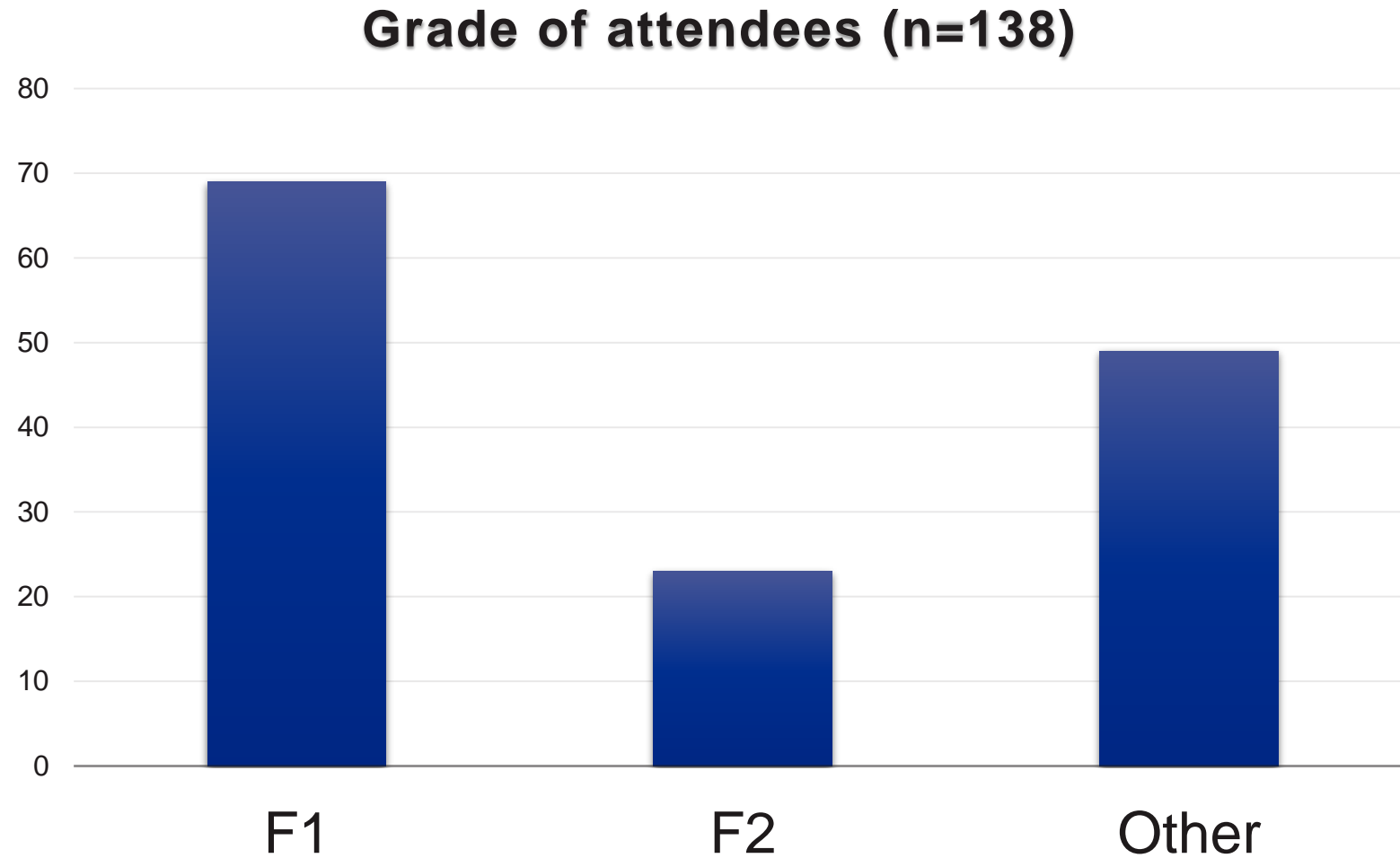
Feedback completion rate of 78%



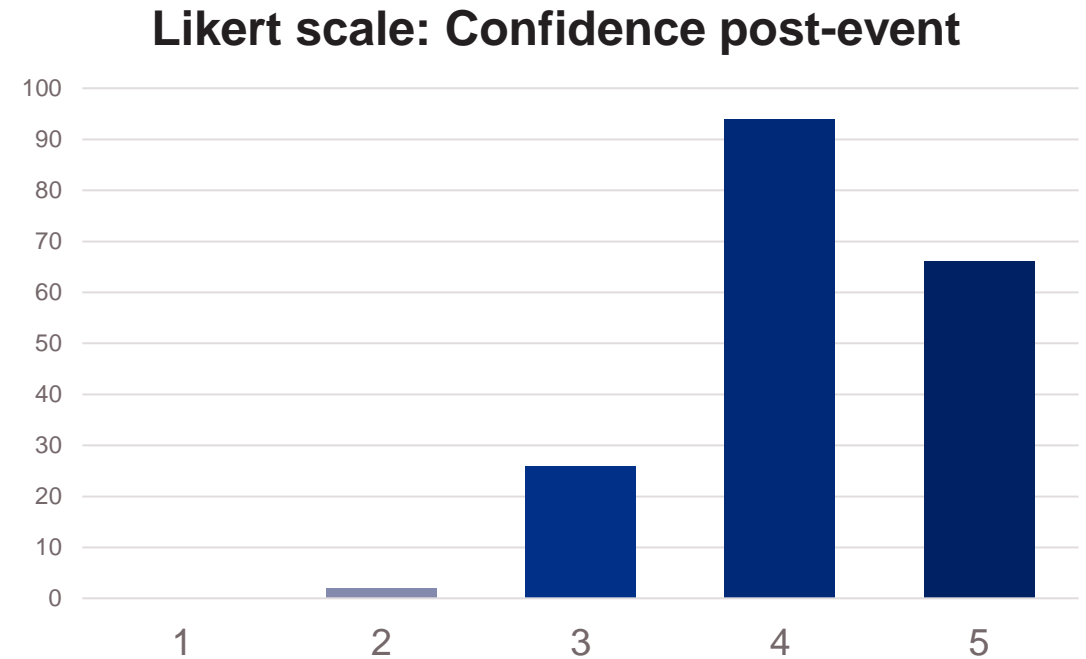
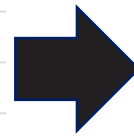
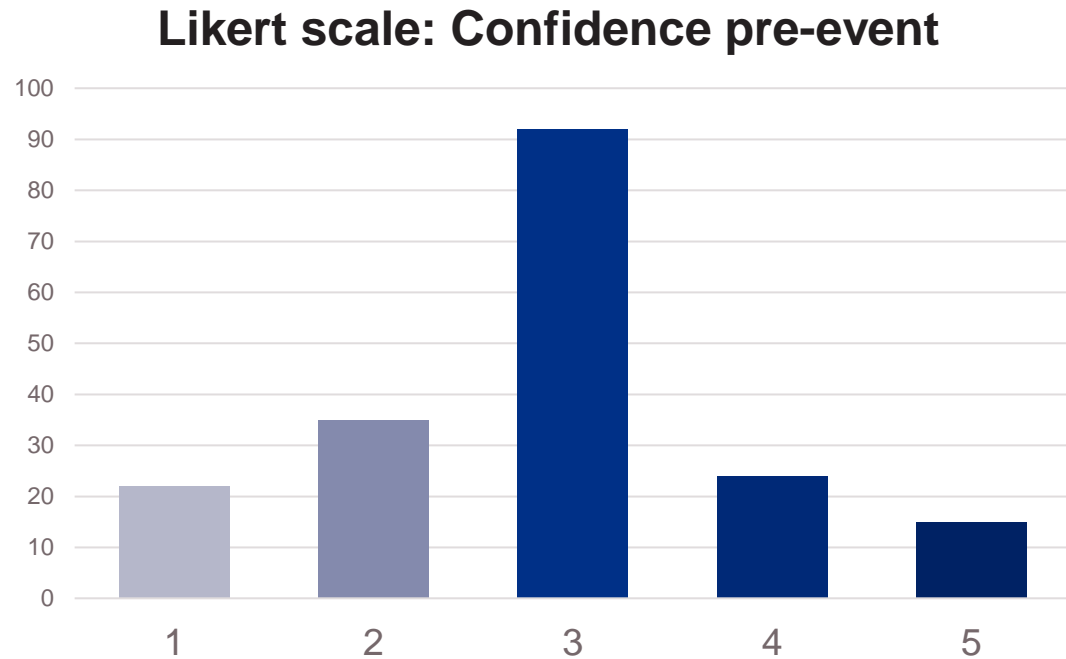
Attendees by NHS Trust



Grade of attendees



Confidence in taught topics



- **Attendee confidence in taught topics increased significantly from a mean of 3/5 to 4/5 post-event ($p < 0.0001$)**

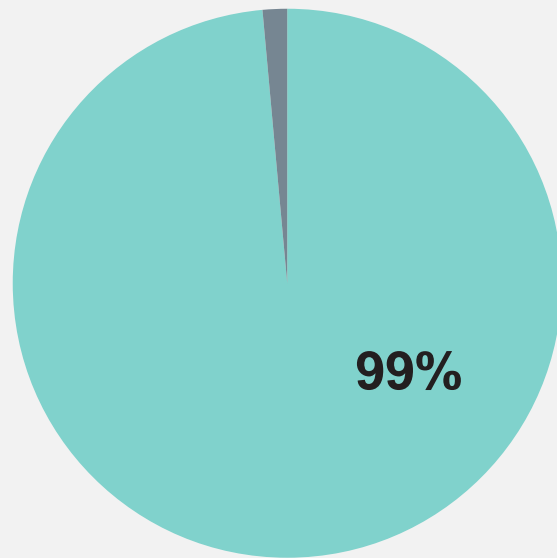
How engaging did you find the teaching?



- **Teaching was found to be engaging, despite being delivered online/in hybrid format**

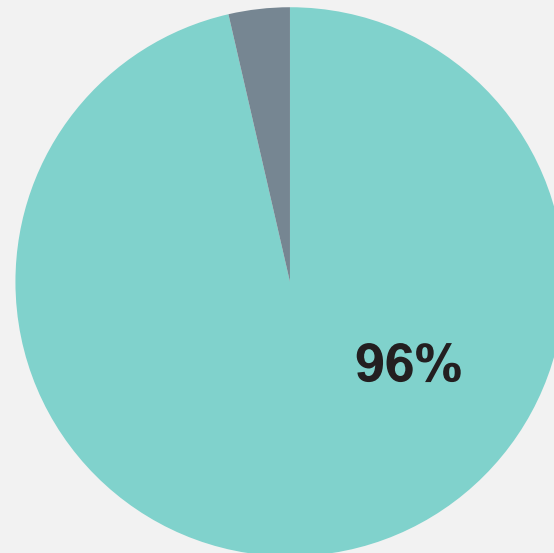
Do you agree with the following statements?

Teaching was relevant to my stage of training



■ Agree ■ Disagree

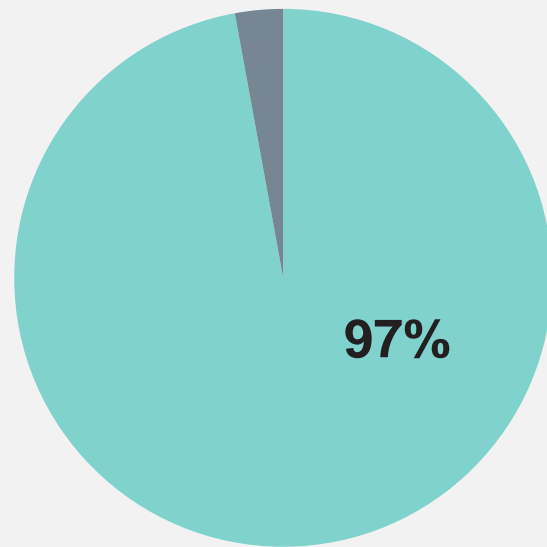
Teaching complements my local trust teaching



■ Agree ■ Disagree

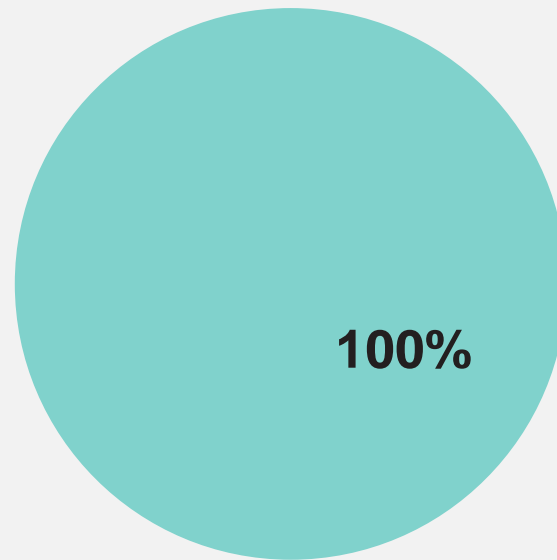
Do you agree with the following statement?

Teaching has helped me reach my required hours for ARCP



■ Agree ■ Disagree

I would be interested in attending further deanery-wide teaching



■ Agree ■ Disagree



What topics would you like to see covered?

more on-call scenarios

More trauma cases

Obstetrics & gynaecology

More cases in a similar format

Common acute scenarios

similar topics

More emergency scenarios

Deteriorating patients

Training Pathways

Common Peri-Arrest Calls



Discussion

- Use of MedAll found to be effective and relatively novel platform
 - Intuitive and easy to use for both presenter & audience
- Remote delivery remains an engaging method for deanery-wide teaching
- Teaching from near-peer colleagues (F2, CT/IMT) well received
- Large appetite for more teaching amongst Foundation Trainees
- Good supplementation of 'non-core' teaching hours.

- **Challenges**
 - Maintaining engagement online– short but frequent sessions, 45mins-1h
 - Communication & advertisement across deaneries
 - Appeal of remote teaching in a post-covid world
 - Novelty – Foundation Trainee teaching series not uncommon, but found to be in high demand nonetheless!



Conclusions

- Deanery-wide online teaching was well received by foundation trainees
- Presents an effective way of complementing local trust teaching
- Increases confidence in managing core scenarios

- **Future:**
 - Online 'catch-up content' has been viewed >200 times on MedAll
 - Repeat of On-call series over change-over period
 - Platform can be used to deliver further deanery-wide teaching



Acknowledgements

Co-lead:

- Boris Wagner (UHBW)

Session tutors:

- Izzy Sawyer (RUH), Eppie Tylor-Adams (UHBW), Oscar Maltby (UHBW), Georgie Lewis (Gloucester/NBT), Jonny Smith (NBT), Chris Waters (UHBW/NBT) and James Thornton (NBT)

Foundation School and Local Trust Teams

- For advertising events and circulating information

Thank You

Dr Samuel Leach | *BSc(Hons), MBChB*

Foundation Doctor

Cheltenham General Hospital

Gloucestershire Hospitals NHS Foundation Trust