

# Virtual Prescribing – Improving the Quality of National Teaching for the Prescribing Safety Assessment (PSA)

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## Introduction

- All U.K. medical students **must pass** the Prescribing Safety Assessment (PSA) to qualify as a doctor.
- Despite its importance, there is **limited support** and practice questions available.

## Intervention

- A series of **4-hour online** PSA teaching sessions **accessible to all** medical students in the U.K.
- Slides comprised of self-crafted questions reflective of the actual PSA paper.

## Aim

- To **improve the confidence** of medical students sitting for the PSA after just one teaching session.

## Method

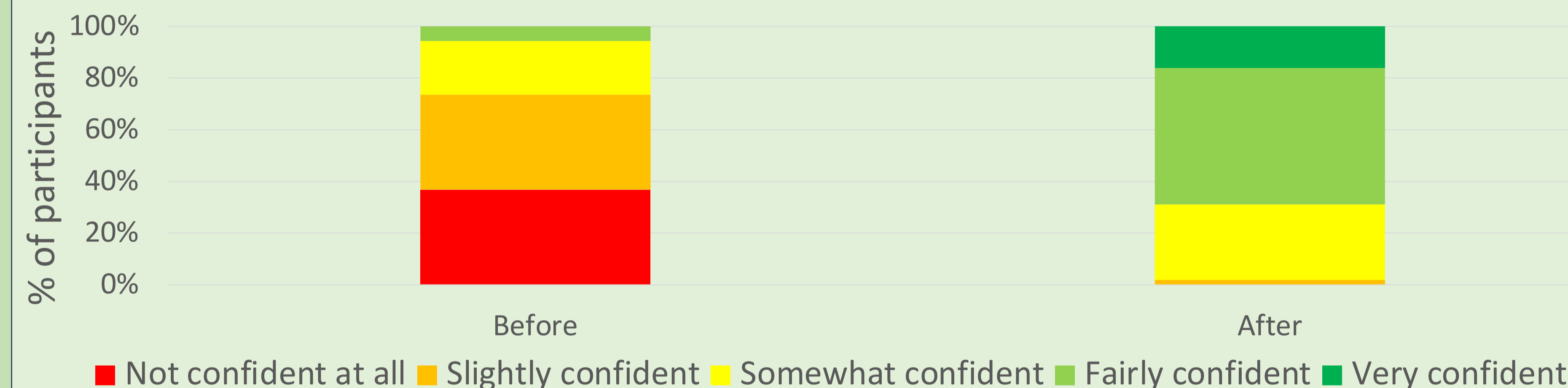
- A student attends one of the five 4-hour sessions.
- Limited to 25 students/lesson: **Small-group and personalized learning.**
- Each question was **timed** to reflect exam settings.
- **Real-time feedback** given after each question.
- Feedback was collated after each session and analysed via 4 closed-loop cycles using the **PDSA framework.**

## Results

**106** participants from **24 universities** in the U.K.

**Only 61.3%** of Universities provided support including Lectures, E-learning, and workshops.

**86.8%** of participants felt **inadequately prepared** by their university.



## Discussion and Impact

- There is currently a **national gap** in teaching for prescribing.
- **Practical virtual prescribing courses which reflect the real PSA exam** are **effective in improving prescribing confidence** amongst medical students.

## Future work and Sustainability

- The mean test scores of the participants will be collated. This will be compared with the national average score.
- The teaching programme will be **conducted for > 2 years** with further data collection.
- Questions will be re-drafted every year to reflect the actual PSA exam.

## PDSA improvements

5 min breaks

Live BNF demonstration

Key summaries

Q&A times