



eLearning in Multidisciplinary Prescribing Education: A Longitudinal Evaluation of SCRIPT Learners' Satisfaction and Engagement

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Introduction

Prescribing errors are a significant patient safety concern, with an estimated 237 million errors occurring each year in England alone¹. Improving medicines safety and reducing harm from errors is a national and global priority. The SCRIPT eLearning programme (Fig 1) aims to encourage safer prescribing across a range of healthcare professionals, and since 2010 has supported over 300,000 learners. SCRIPT is available to healthcare professional students, trainees, and practitioners across the NHS.

Aim

To evaluate learners' satisfaction and engagement with SCRIPT eLearning over a 12-month period (1 Sept 2024 to 31 Aug 2025).

Method

After completing each SCRIPT module, learners complete a short evaluation survey (Fig 2), rating their satisfaction across five categories using a 5-point Likert scale: 1) Module content; 2) Presentation; 3) Interactivity; 4) Pre/post-test design; 5) Overall satisfaction. Engagement and evaluation data were captured from the Learning Management System over a 12-month period and analysed on both module and profession levels using descriptive statistics.

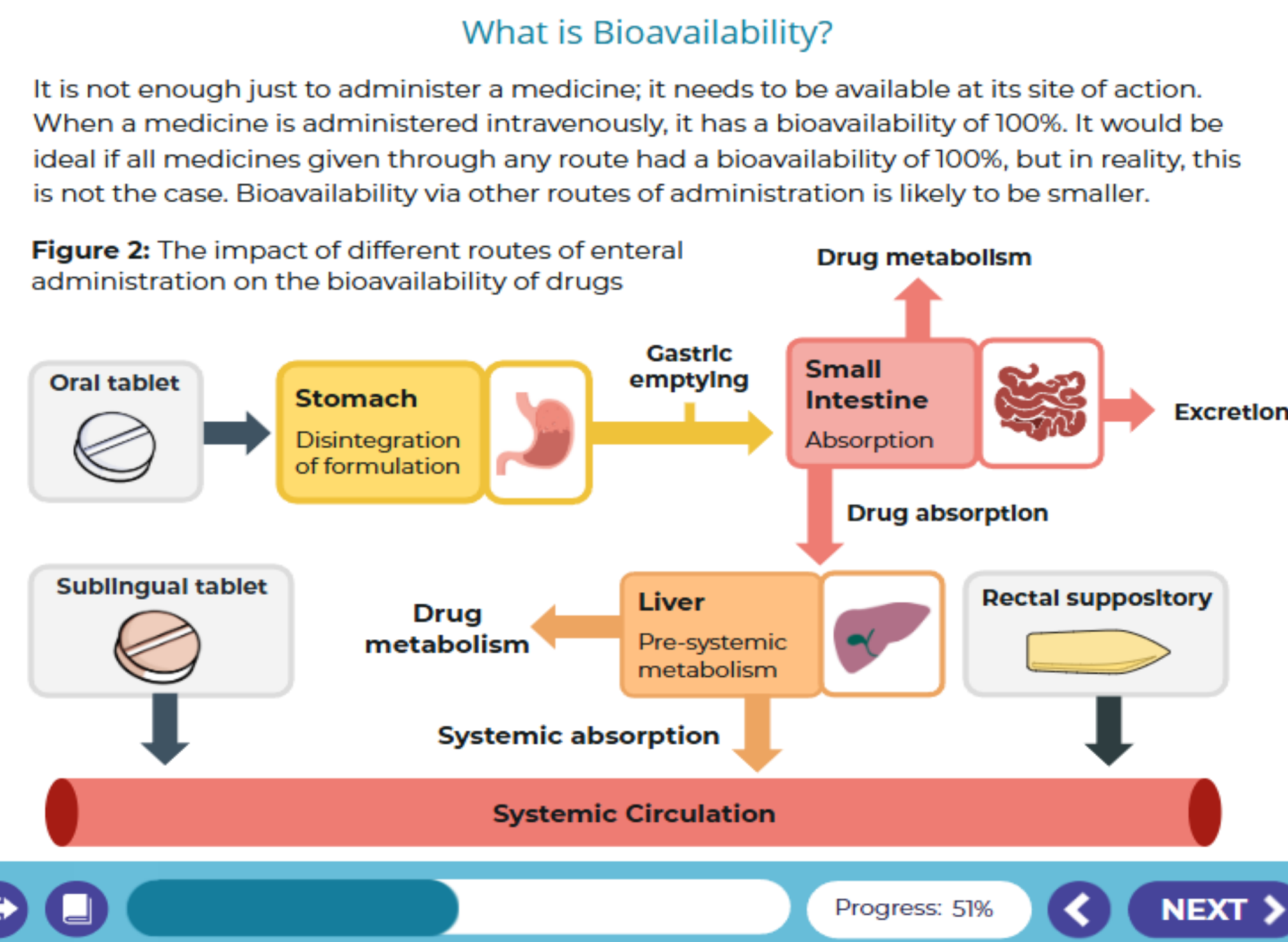
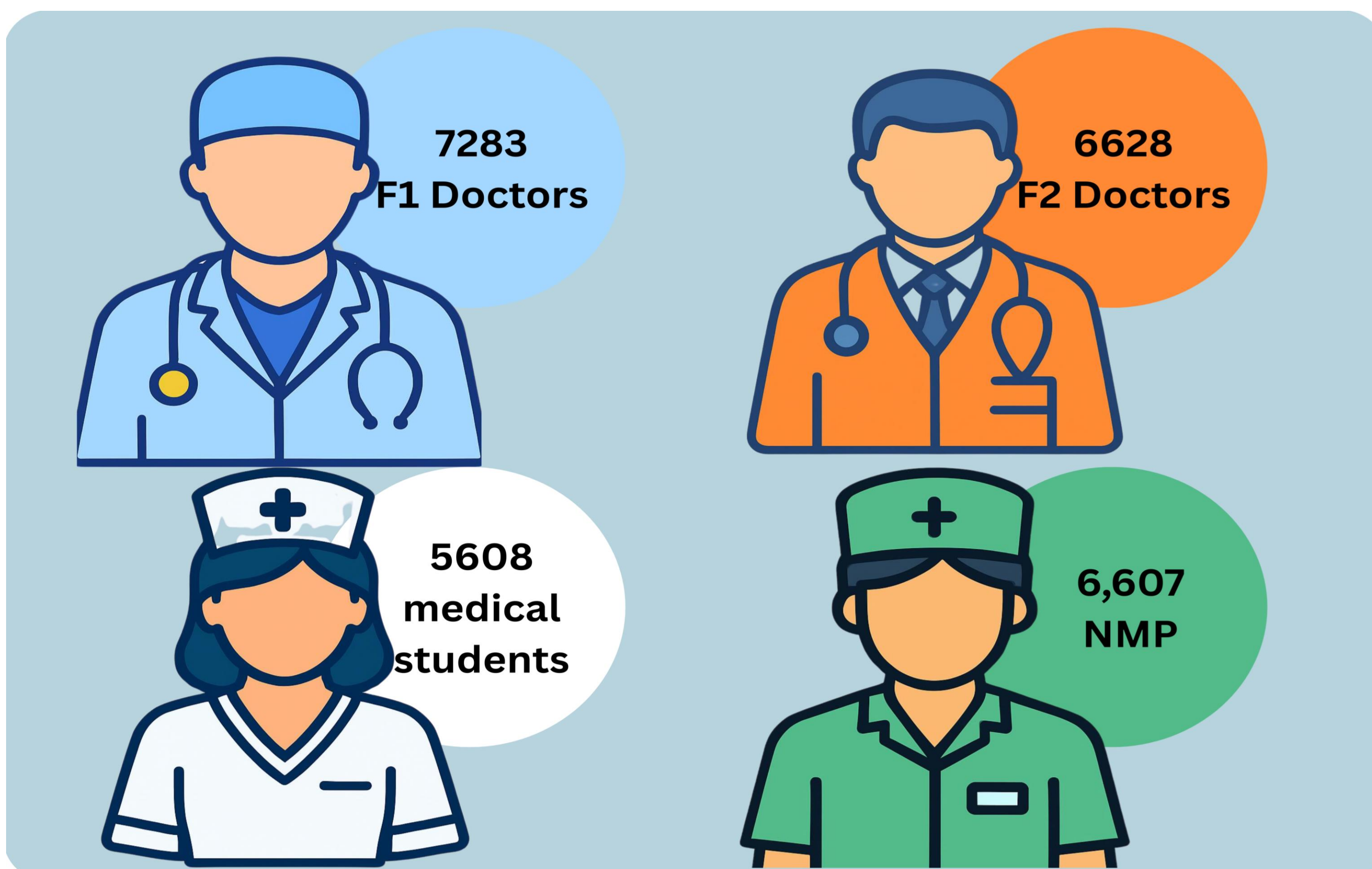


Fig 1: Medicine & Surgery Portfolio 'Clinical Kinetics' module

Please score this module with reference to the following areas (where 5 = Excellent and 1 = Poor)

	1	2	3	4	5
Content	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Presentation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interactivity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please score this module with reference to the pre/post test (where 5 = Excellent and 1 = Poor)

Not Applicable (no pre/post test) | 1 | 2 | 3 | 4 | 5 | Excellent

Please give this module an OVERALL rating

Poor ☆☆☆☆ Excellent

How likely are you to recommend this module to a friend or colleague? (where 5 = Very likely and 1 = Unlikely)

1 | 2 | 3 | 4 | 5 | Very likely

Fig 2: Module evaluation, which appears after the post-test

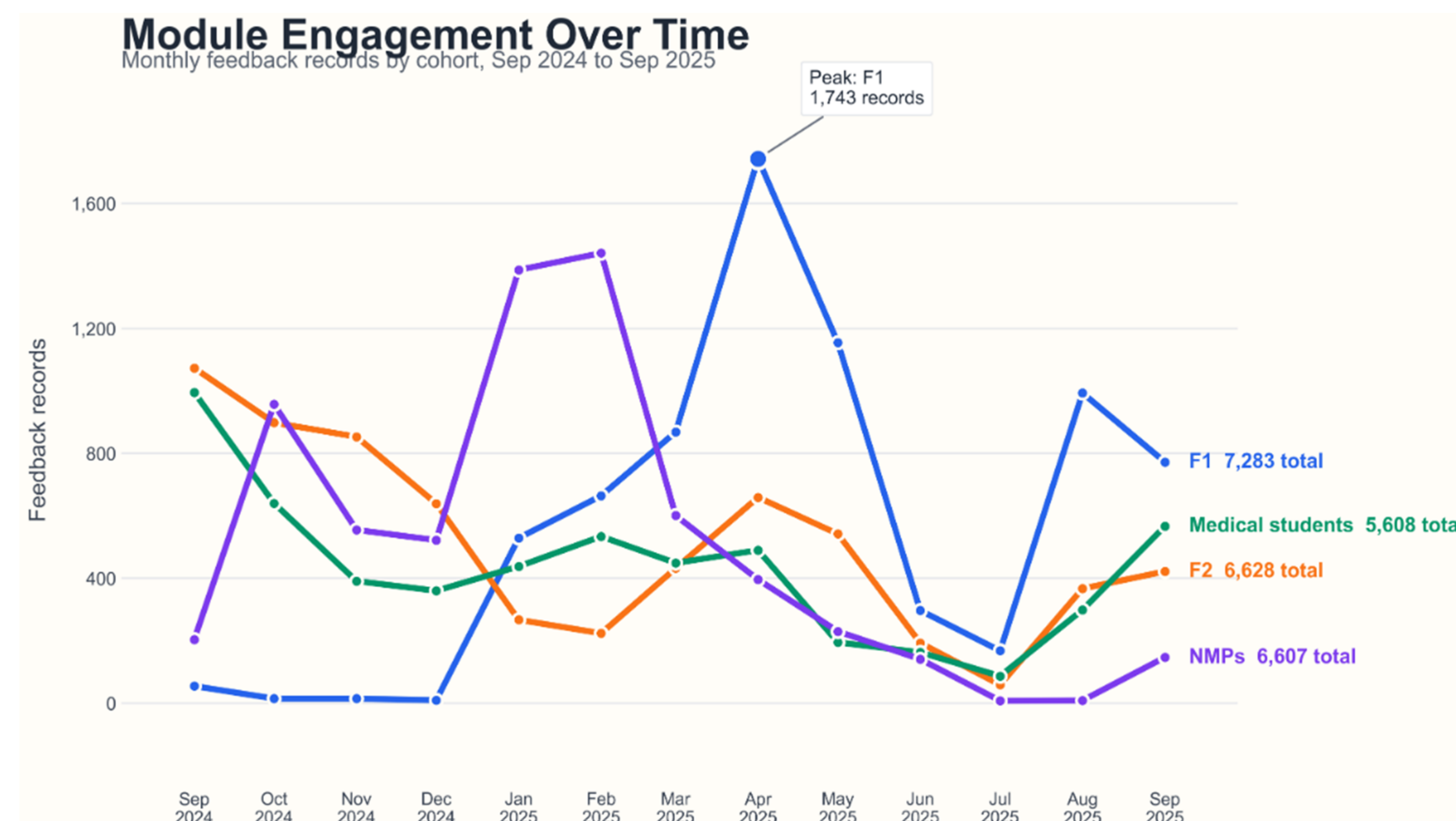


Fig 3: Module engagement between 1 Sept 2024 – 31 Aug 2025

Average Module Ratings by Cohort

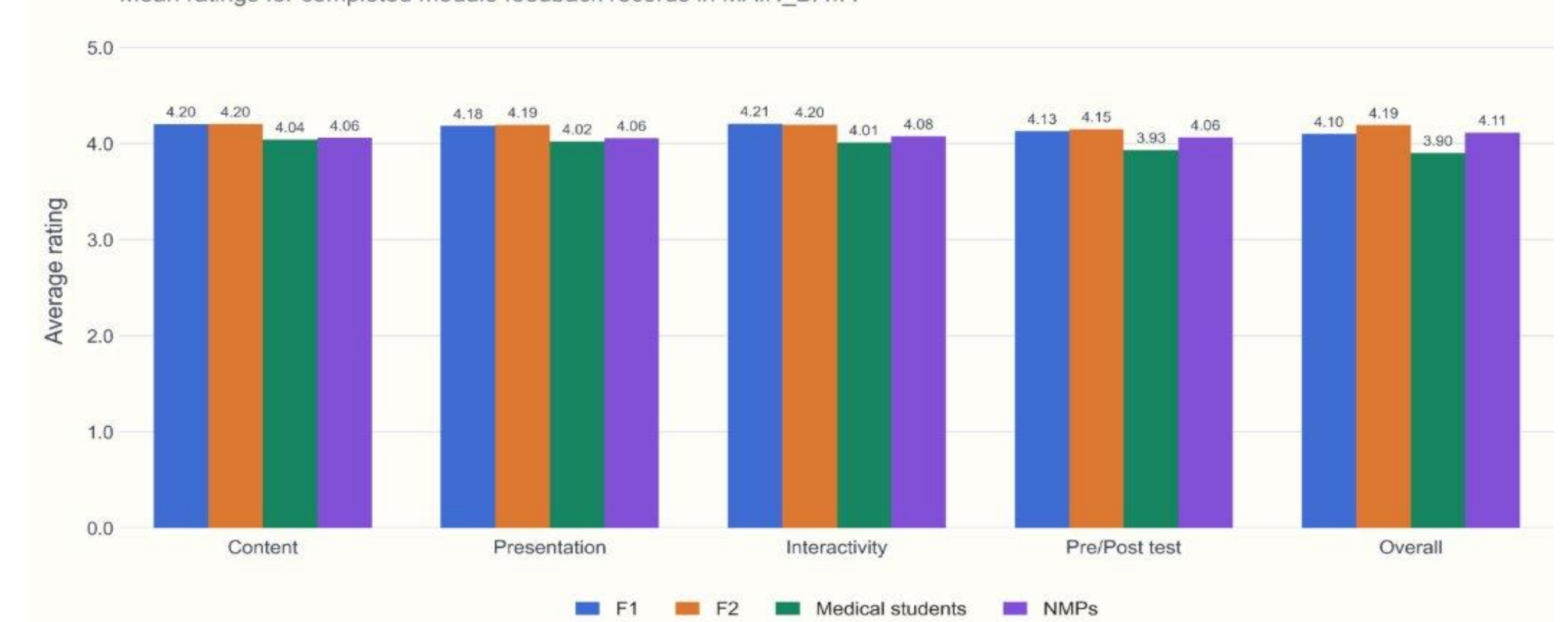


Fig 4: Average module ratings across domains by cohort

Results

- A total of 26,126 evaluations were completed during the 12-month period (Fig 3).
- Learners reported an overall satisfaction score of 4.08/5.
- Interactivity and Content domains were both scored 4.1/ 5.
- Learners were positive about recommending the module to their friends /colleagues (mean 3.55/5) (Fig 4).
- Foundation doctors were the most active learners, particularly prior to annual progression reviews.
- Medical student engagement was highest in the autumn months leading up to the Prescribing Safety Assessment.

Discussion

- Learner perspectives provide insights into the acceptability of the learning and support ongoing quality improvement of SCRIPT eLearning content.
- Live monitoring of module completion data helps the team identify where championing activity can be focused to increase engagement, for example, with medical schools.
- Engagement activity provides insights into learners' motivation to complete modules across topics and could inform personalised learning pathways in future developments.

References

- Elliott RA, Camacho E, Jankovic D, Sculpher MJ, Faria R. Economic analysis of the prevalence and clinical and economic burden of medication error in England. *BMJ Quality & Safety*. 2021;30(2):96-105.
- World Health Organization. Medication without harm, Policy brief. Geneva, World Health Organization.
- L Ross, D Ashiru-Oredope, H Chang, P Donyai. Improving pharmacy professionals' research capability and confidence: evaluation of a national e-learning course, *International Journal of Pharmacy Practice*, Volume 32, Issue Supplement_2, November 2024, Pages ii63–ii64,