

Objective Structured Clinical/Practical Examination (OSC/PE) in Pharmaceutical Sciences Education – a pilot study

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Introduction

The assessment of practical skills in higher education pharmacy teaching is crucial to prepare students for a comprehensive pharmacy practice (1). This may be achieved through the application of an **Objective Structured Clinical Examination (OSCE)**, extending the Clinical to Practical concept **OSC(P)E**. Such approach provides students with hands-on practice, offering valuable feedback, and preparing them for their future roles as competent pharmacists (2).

Aim



The present work aimed to assess the implementation of an OSC(P)E to the 4th year students of the integrated master in Pharmaceutical Sciences of Egas Moniz School of Health & Science.

Methods

PRE- OSC(P)E

OSC(P)E

POST- OSC(P)E

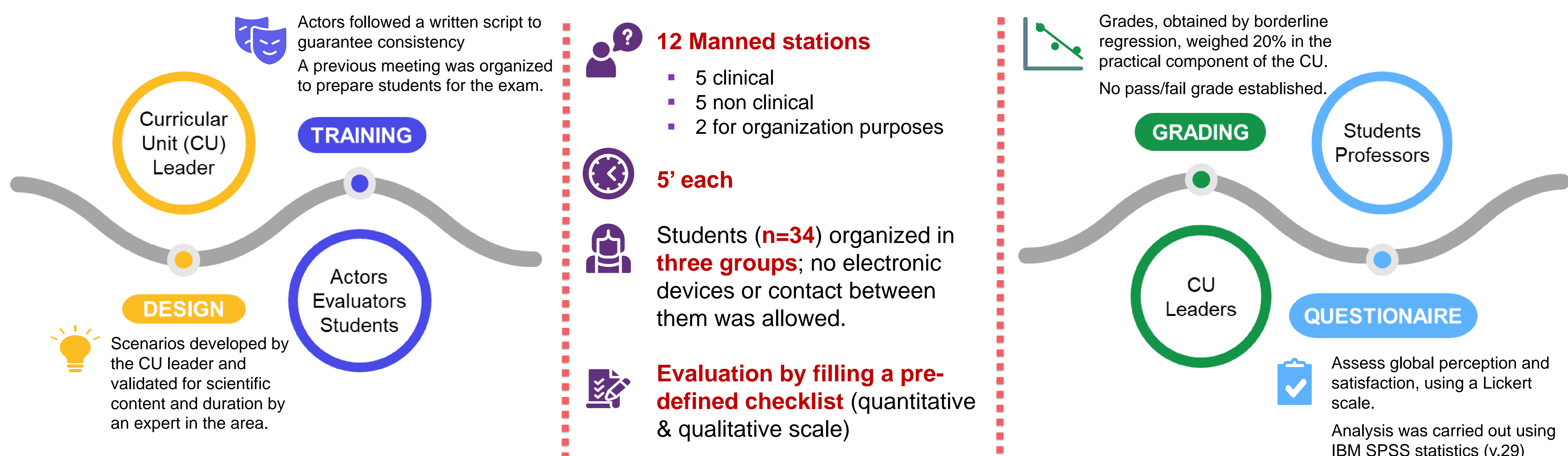
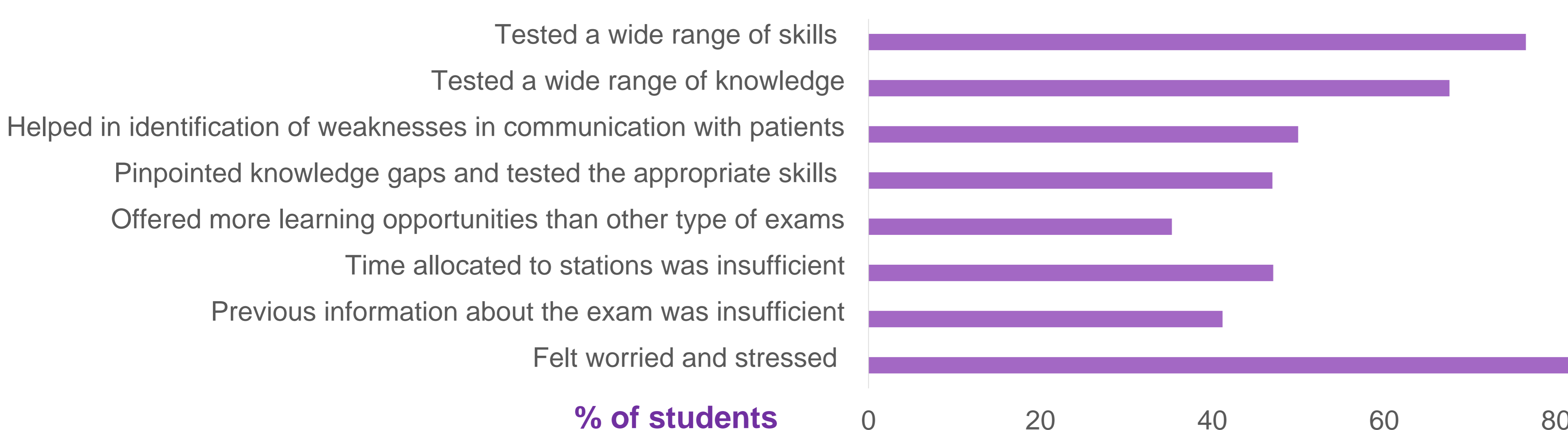


Figure 1. Representation of the full OSC(P)E set-up considered

Results

Students considered that the OSC(P)E:

A



B

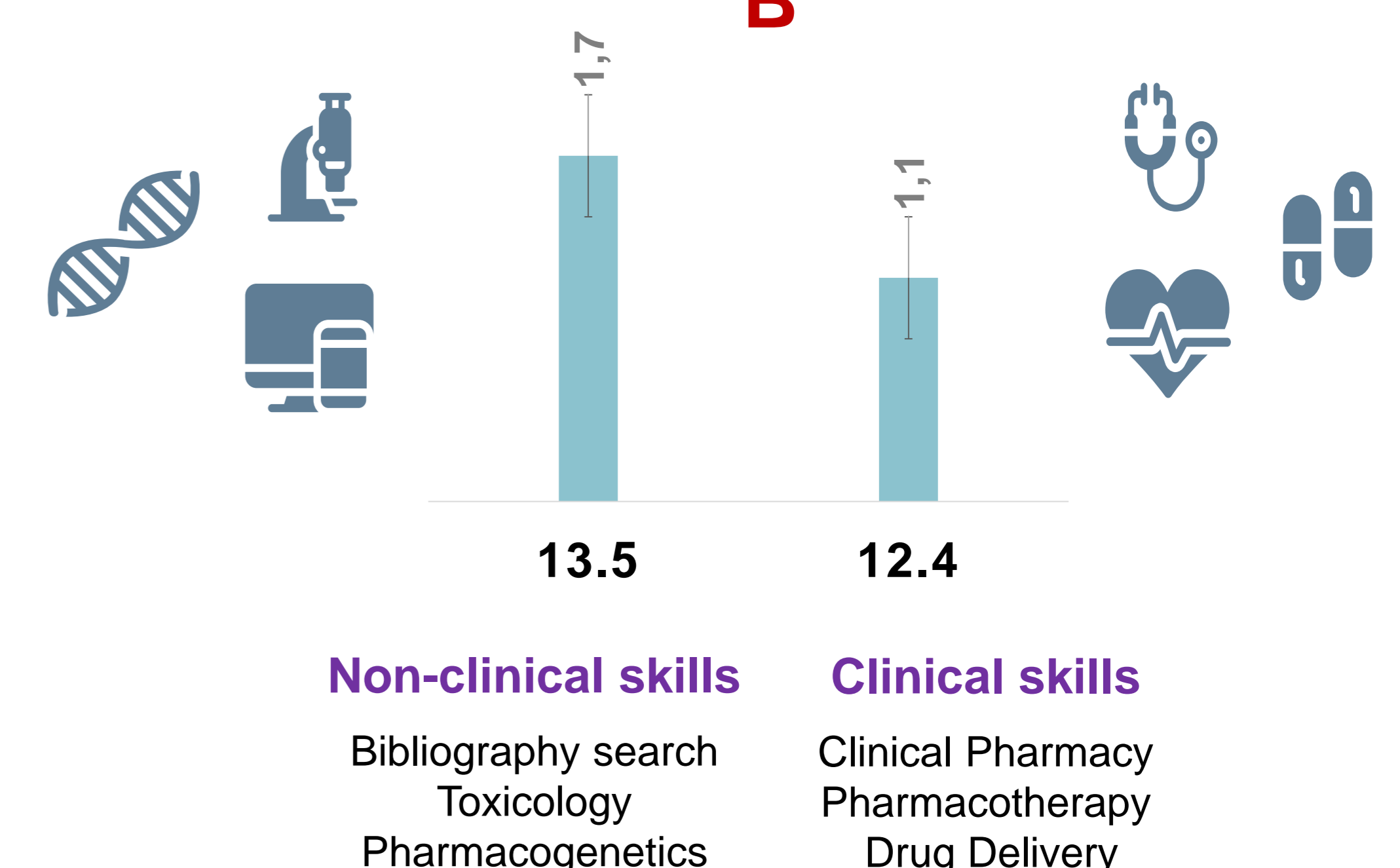


Figure 2. Students' perception of OSC(P)E (A) and average clinical and non-clinical grades (B)

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Conclusion

Although the exam was considered stressful and intimidating, the students recognized the value of this pioneer approach in Portugal to measure practical skills in Pharmaceutical Sciences.