Boost

A CASE STUDY

University of Dundee

School of Medicine

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In 2023 The School of Medicine at the University of Dundee initiated an innovative online MSc program in Clinical Embryology and IVF, designed to significantly enhance the educational journey for students specialising in medically assisted reproduction (MAR).

The program integrated Boost's dynamic educational resources to provide an interactive and accessible learning experience that supported the individual needs of each student.

Duration: 12 months
Department: The School of Medicine
Videos Watched: 1,341
Practice Questions Completed: 1,240

OUTCOMES

- The introduction of Boost resulted in a significant improvement in educational outcomes within the module and IVF program. The average passing grade was a B3 (75%), far surpassing the expected pass grade of D3 (50%).
- Students who used Boost demonstrated a 52% increase in correct answers on the platform after engaging with tailored tutorial videos.
- Faculty observed a notable enhancement in the students' ability to integrate and apply statistical knowledge in clinical settings.

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> "Boost effectively addressed learning gaps, improving both the educational quality and students' preparedness."

Dr Zoe Johnston
Programme Lead MSc
Clinical Embryology and IVF

University of Dundee

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Under the leadership of Dr. Zoe Johnston, Lecturer in Reproductive Medicine and Programme Lead for MSc Clinical Embryology and IVF, the online IVF program was designed to combine comprehensive academic content with practical learning in evidence-based medicine. The programme includes an Introduction to Clinical Statistics in Medically Assisted Reproduction, equipping students with the skills to analyze and evaluate the scientific evidence in their field and conduct MSc-level research.

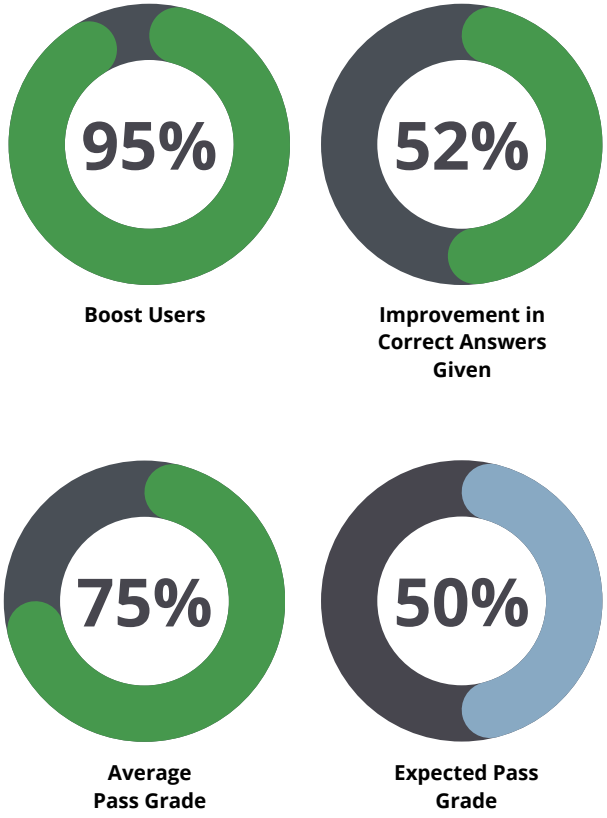
Boost's video collections and interactive learning pathways were selected for this module to scaffold student learning. They were integrated to the curriculum as well as being made available to offer 24/7 tutorial support tailored to individual needs. This approach ensured that students had access to resources that reinforced their understanding and addressed specific gaps, fostering greater academic success.

After implementing Boost in the program, 95% of students engaged with the resources, watching 1,341 unique video tutorials and completing 1,240 interactive assessments in a 3 month window. Boost users showed a 52% improvement in correct answers on the platform after watching tailored tutorials. Students achieved an average module grade of B3 (75%), well above the expected pass grade of D3 (50%), highlighting Boost's impact on engagement and comprehension.

Dr. Zoe Johnston noted that Boost addressed variability in analytical skills while supporting students with weaker foundations through personalised pathways that strengthened key competencies. Its user-friendly design made complex statistical concepts accessible and clinically applicable.

Encouraged by these results, the School of Medicine is expanding Boost's use to other programs, including Boost's new Maths for Medical Sciences collection.

The Results



boost-proprep.com

Student Feedback

Student feedback was overwhelmingly positive. Many highlighted that the platform was **"easy to navigate"** and praised the clarity it brought to complex topics.

The pedagogy also contributed to high satisfaction. The platform's extensive exercises, combined with video demonstrations of correct methods, greatly enhanced the learning experience

Boost

COLLECTION STATS

Introduction to Statistics

451 Videos	201 Assessment Questions
35 Hours	103 Learning Objectives

Maths for Medical Sciences

135 Videos	97 Assessment Questions
6.5 Hours	31 Learning Objectives