

# Are student's accepting of an all-day conference delivered model of Interprofessional Learning (IPL) on Antimicrobial Stewardship and Patient Safety

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## Introduction

There is gaining momentum of the importance of IPL in undergraduate healthcare education. A number of delivery models exist [1], the focus of the study was to determine the students experience of an all-day conference style event used to deliver a key topic for all healthcare undergraduates surrounding principles of antimicrobial stewardship and patient safety [2].



The five professional groups attending stands during lunch for students

"It was a delight to get to work along the medics. They taught me a lot about medical terms + clinical decisions. I also felt I helped them learn a lot about drugs + the BNF"

"Co-operating with pharmacy students was very helpful; we helped each other learn"

"I enjoyed being integrated with the pharmacy students, I think we learnt from each other"



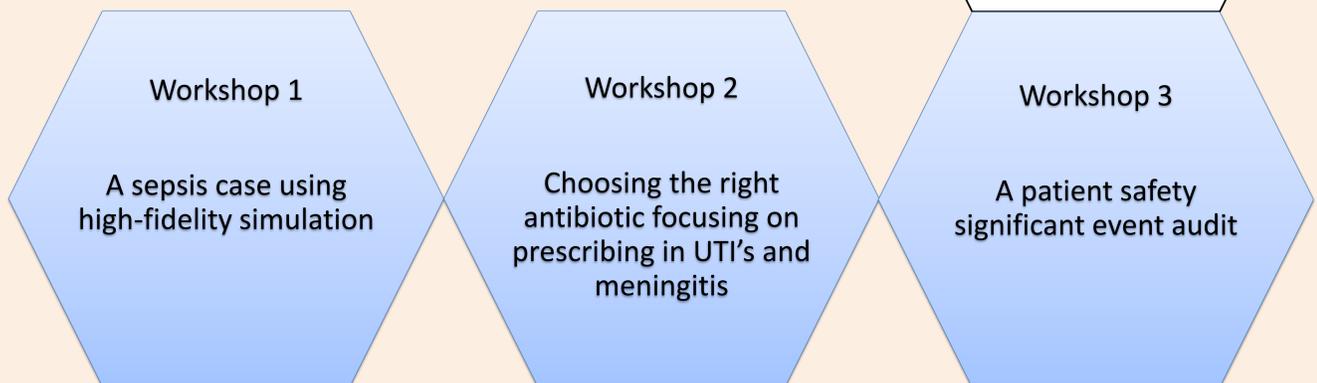
"Working with medical students & sharing knowledge, working together to come to a mutual solution. It really helped understand the importance of valuing other professionals"



## Method

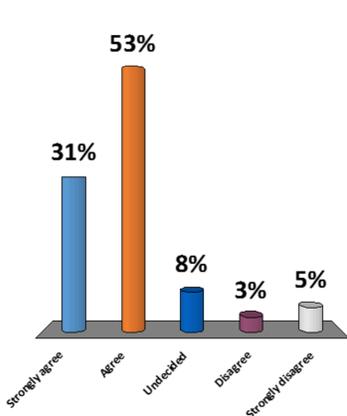
Second year students from the Newcastle Medical School (n = 157) and Sunderland Pharmacy school (n = 195) were exposed to a conference based approach IPL session. A 13 question survey was devised to assess the students' acceptance and gains from the conference. Students were also asked open questions on format and experience of positive/negative elements of the workshops. The conference based approach included all students receiving a conference pack and booklet of materials at registration. A key note lecture was delivered on medication safety from a medical and pharmacy perspective.

Three workshops were delivered which the students rotated through, they were: -

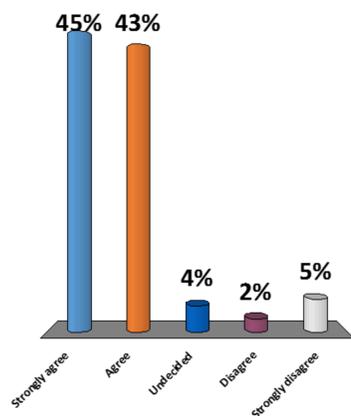


## Results

The day has made me more confident to work in an interprofessional team

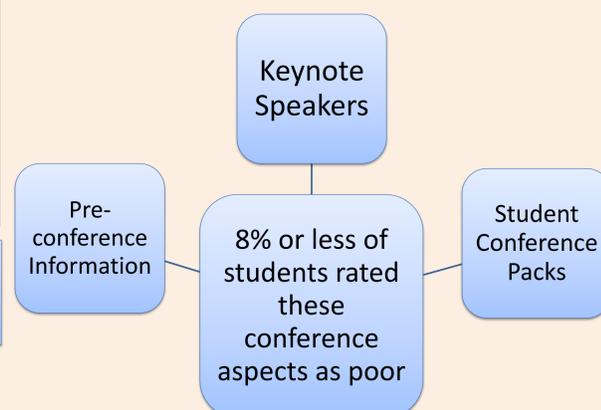


Shared learning has helped me understand the role and importance of other healthcare professionals in ensuring patient safety

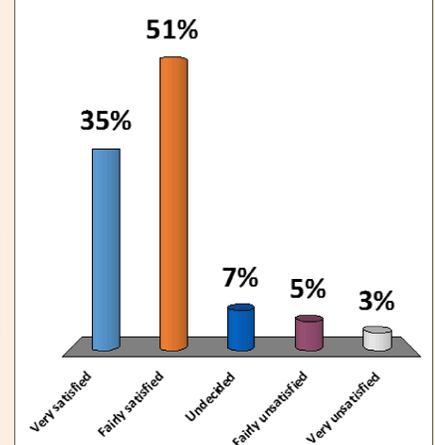


The total number of students registered for the voting system was 281 (80%) with 110 (70%) and 171 (88%) being medical and pharmacy, respectively.

The student gains from the conference showed that over 80% of students felt more confident working inter-professionally, that they understood the roles of other healthcare professionals (HCPs), the day improved communication between professionals, and understanding the value, expertise, role and importance of other professionals in patient care.



Please rate your satisfaction with this conference overall



## Discussion

The IPL approach aims to develop cohesive and effective multi-disciplinary teams and our conference based model of approach is positive for the students' development as HCPs. Contact throughout the day seems to allow the students to build a greater rapport with one another. The majority of students (88%) felt ready to engage in IPL at this point in their development.

## References

1. Bridges DR et al. Interprofessional collaboration: three best practice models of interprofessional education, Med Educ Online 2011; 16: 6035-44  
 2. Castro-Sanchez E et al. Mapping Antimicrobial stewardship in undergraduate medical, dental, pharmacy, nursing and veterinary education in the united kingdom, PLOS One 2016; 11(2): e0150056