

# A Mixed Method, Multi-perspective evaluation of a Near Peer Teaching Programme

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# Peer Teaching

- A mode of teaching delivery in which students are responsible for educating one or more of their fellow students.
  - Near peer teaching: the teaching of students by other students who are a year or two more senior.



# Why Peer Teaching in Medical School?

- For the peer teacher:
  - “Physician as Teacher” role
  - Teaching proficiency as key competency
- For the institution:
  - Increasing numbers of medical students
  - Helping future doctors develop as educators
  - Promoting skill development
- For the tutee:
  - Peer role model
  - Improved ability to ask questions, make mistakes, and accept feedback



# Our Study- Evaluating the Intern Junior Mentoring Programme (IJuMP)

- Most research is focused on learner evaluations, with less focus on the experience of the near peer teachers or senior doctors and faculty
- The current study aimed to evaluate the perception of our near peer teaching programme's value among all key stakeholder groups



# IJuMP Evaluation

- Medical students
  - 130 students completed a post-programme questionnaire
- Interns
  - 15 interns completed pre- and post-programme semi-structured interviews and all 49 intern teachers completed post-programme questionnaire
- Senior doctors and/or medical school faculty
  - 29 senior doctors and medical school faculty members with knowledge of the IJuMP completed post-programme questionnaire



	Agree	Strongly Agree
<b><u>IJUMP will contribute to preparedness for internship</u></b>		
• Medical students	50.8%	11.5%
• Interns	58.3%	25%
• Senior Doctors/Faculty	48.3%	51.7%
<b><u>IJUMP will provide a clearer understanding of an intern's role</u></b>		
• Medical students	56.6%	20.5%
• Interns	51.5%	14.9%
• Senior Doctors/Faculty	27.6%	69%
<b><u>IJUMP will contribute to improved exam performance</u></b>		
• Medical students	52.5%	16.4%
• Interns	47.9%	45.8%
• Senior Doctors/Faculty	44.8%	48.3%
<b><u>IJUMP will be beneficial to participating interns</u></b>		
Senior Doctors/Faculty	34.5%	65.5%



# Data from Students

- The mean rating of the value of the IJuMP by medical students was 8.2 out of 10
- The mean rating of the satisfaction with the programme was 7.7
- Positive feedback on IJuMP
  - One student wrote that “*Interns know what we need to know. Best tutorials ever this semester*”



# Data from interns

- Mean rating of the value of the IJuMP was 8.2 out of 10
- Mean rating of the satisfaction with the programme was 7.6 out of 10
- Interns offered largely positive reflections upon the programme such as:
  - *“Excellent programme beneficial to us interns as well as students!”*
  - *“a lot of emphasis is placed on the benefit [IJuMP] has for the student but it should be recognised that this program as a fantastic impact on the teachers”*





# Data from interns: Pre-programme

## Benefits for Interns

- Increased knowledge
- Improvement in teaching skills

## Benefits for Students

- Improved exam preparedness and knowledge
- Less pressurised sessions than with senior doctors
- Getting a more “in touch” perspective

## Potential Challenges

- Own lack of knowledge
- Self-doubt
- Time pressure

## Potential Rewards

- Helping and empowering students
- Getting to know people
- Feedback on teaching abilities



# Data from interns: Post-programme

## Benefits for Interns

- Improved knowledge
- Improved teaching ability

## Benefits for Students

- Improved exam preparedness and knowledge
- Informality of teaching sessions
- Opportunities in clinical environment

## Challenges

- Comparable level of knowledge
- Time management
- Finding patients

## Rewards

- Student appreciation and gratitude
- Seeing students improve
- Enjoyment of experience
- Promoting a better model of medical education



# Data from senior doctors and faculty

- The mean rating of the value of the IJuMP was 9.1 out of 10
- The mean rating of the satisfaction with the programme was 9 out of 10
- Senior doctors and faculty members made solely positive comments regarding IJuMP. These included:
  - suggestions for expansion of the programme's remit to other years
  - comments regarding the positive feedback medical students had for the programme
  - emphasis of the benefits the programme offered for interns.






# Conclusions

- Well received by all stakeholders
- Benefits perceived for students and the peer teachers
- Informality and empathy key



# Thank you!

## Get in Touch:

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