



EXPLORING THE POTENTIAL IMPACT OF A TECHNOLOGY-ASSISTED STUDENT FEEDBACK TOOL (TSFT) ON MEDICAL EDUCATORS AND THEIR SELF-DEVELOPMENT

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Background

- Rising prominence of teaching in medical education
- Many medical educators have not received formal educator training
- Need to cultivate long-term positive reflective and teaching practices
- Effect of neoliberalism on higher education
- Shift from formative to summative function
- Rise of technology

Areas for investigation

- The need and acceptability of TSFT among medical educators
- Possible opportunities that may emerge for various stakeholders
- Potential issues that should be considered in advance

Research questions

- What are medical educators' perceptions of TSFT?
- Can it be useful as a stimulant for self-reflection and influence changes in their approaches to teaching?
- What place may it have at the institutional and/or professional level?

TSFT Prototype

Questionnaire customisation form

Dear Participant X,


As mentioned previously today, please could you fill in the following table so I can then proceed to create an evaluation form for you. I have included a sample evaluation form on the next page for your reference. The annotations show the different answer formats and the additional requests you may make for each.

Please note:

- You may include up to 10 questions/statements
- The following answer formats are available:
 - Multiple choice
 - Star rating
 - Comment box
 - Slider

Question/Statement	Answer format	Additional Requests



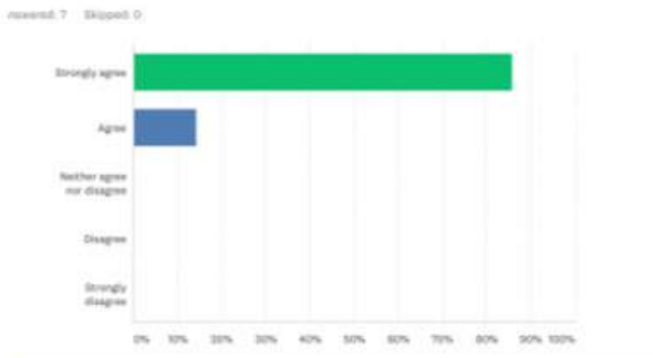


Hoi Yan Corliss Wong

MEDICAL EDUCATION STUDENT

The instructor presented the content in a logical and coherent manner.

Answered: 7 | Skipped: 0




ACCORDING TO YOUR STUDENTS, YOU DID WELL WHEN YOU...


- Explained the techniques required for different areas of the examination
- Gave a great explanation of the anatomical position of the organs and why we do each part of the examination
- Asked students if they had any questions at regular periods

The instructor improved my understanding of the material.

Answered: 7 | Skipped: 0

5.0 

average rating




YOUR STUDENTS THOUGHT IT WOULD BE EVEN BETTER IF...

- You spoke a little louder
- Ensured that you explain the reason for why a technique is being used

How would you rate the overall effectiveness of your instructor?

Answered: 7 | Skipped: 0



Methods & Methodology

05

Paradigms: pragmatism and interpretivism

Sampling and recruitment : purposive critical case sampling

Data collection: 2 sets of semi-structured interviews,
1 pilot test

Analysis: reflexive thematic analysis,
respondent validation

Results

Value

- Age/experience
- Identity
- Time

Students as feedback providers

- Capability
- Motivation

Boundaries

- Ways of use
- Data accessibility

User design

- Characteristics
- Digital functions
- Support

Students as feedback providers

Capability

- Quality and accuracy of student feedback
- Student perceptions of a 'good education'
- Influence by external, unrelated factors

Motivation

- Behaviourist incentivisation versus professional mutualism
- Nature of motivation affecting nature of feedback



Value



Age/experience

- Novice lecturers versus all lecturers
- Lifelong learning and continuing professional development (CPD)

Identity

- Medical educator identity
- Teacher self-efficacy: determinant and consequence

Time

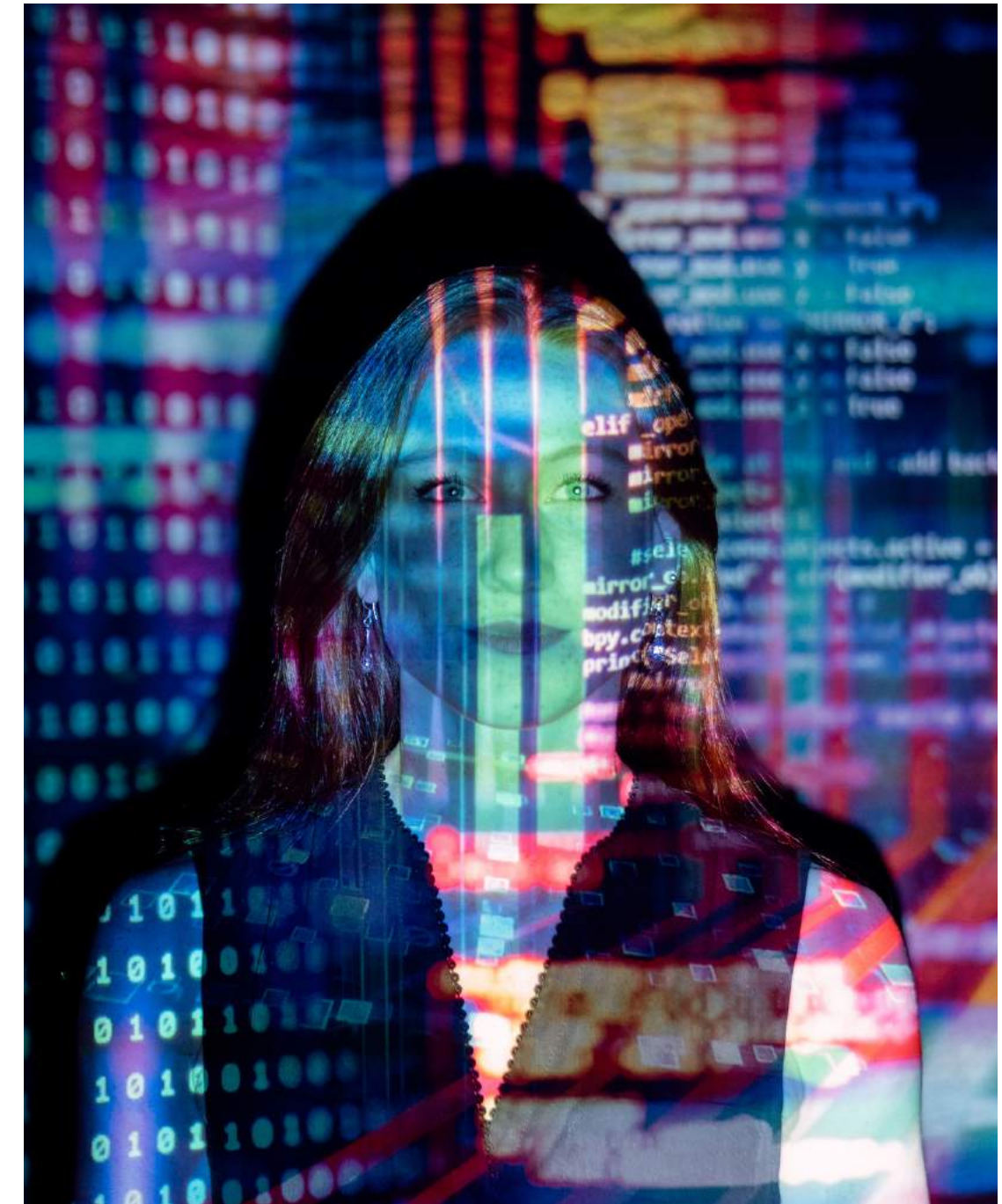
- Most significant limiting factor
- Inevitable opportunity costs

Ways of use

- Developmental adjunct
- Quality monitoring
- Use in nationwide rankings

Data accessibility

- Various potential stakeholders
- Privacy concerns and surveillance



User design



Characteristics

- Customisation
- Appropriate timing

Digital functions

- Digital data collation and analysis
- Digital administrator

Support

- Technological support for educators
- Pedagogical support for educators and students

Conclusions

- TSFT is a possible improvement to the educator's developmental eco-system
- Potential impact is multi-factorial
- Recommendation for deliberate and targeted usage
- Predicted most acceptable form: strictly self-development tool with privatised data
- Forseeable challenges: competition for data, modification of current prototype
- Further investigations with various stakeholders necessary

THANK YOU



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