

Improvise small group teaching using PechaKucha (PK) technology and its effectiveness

Dr. Abhishek Das¹, Dr. Chinmay Shah², Dr. Neeraj Mahajan³, Dr. Prateek Bobhate⁴

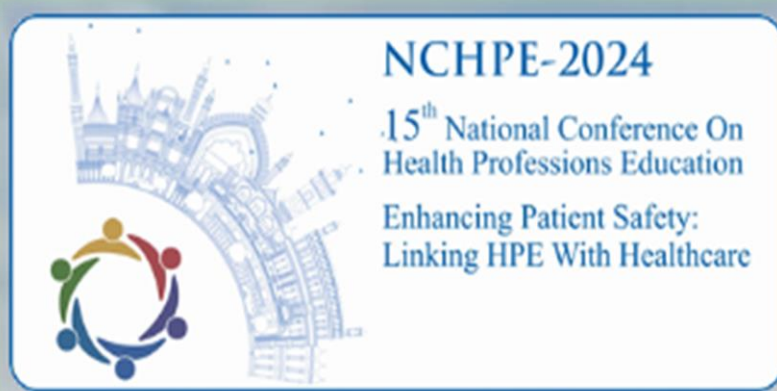
¹ Associate Professor, Forensic Medicine & Toxicology, Govt Medical College, Jhargram, West Bengal, India

² Professor, Physiology, Government Medical College, Bhavnagar, Gujarat, India

Professor, Physiology, Smt. NHL Municipal Medical College, Ahmedabad, Gujarat India

⁴ Professor, Community Medicine, AIIMS Jammu, Jammu, India

Presenting author: Dr. Abhishek Das, (+91)8902640596, abhishekdas.faimer@gmail.com



INTRODUCTION



Poor medicolegal knowledge leads to increased lawsuits against doctors. NMC mandates >60% small group sessions. Poor attention span with lack of interaction & communication causes ineffective small group discussion.



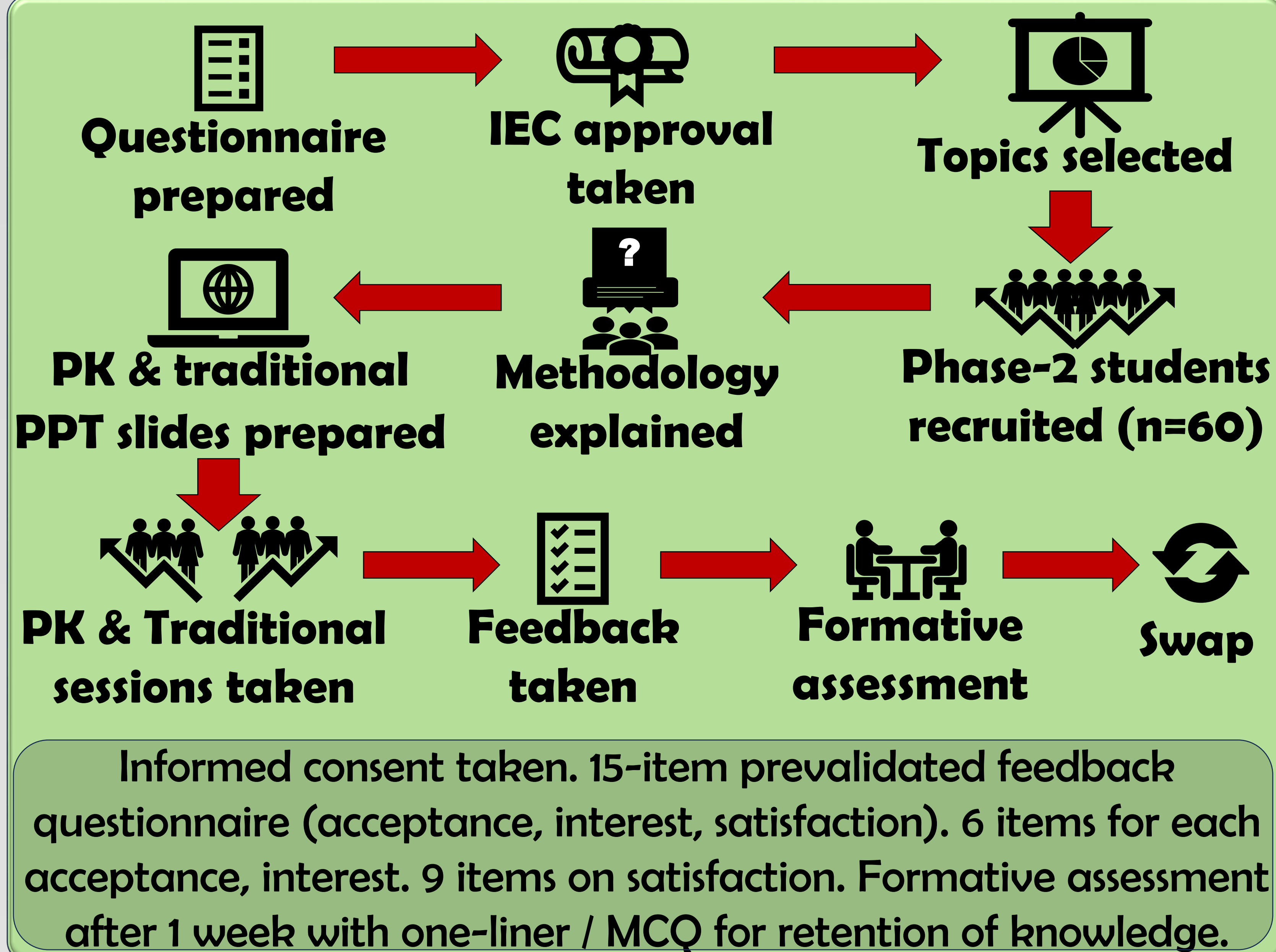
PechaKucha™

Sequence of 20 slides each auto-timed - 20 seconds
Total time= 20 x 20= 400 seconds= 6 min 40 seconds
Visual storytelling (no text) : Write least Show more

OBJECTIVES

- To implement PechaKucha (PK) technology in Small Group Teaching in Forensic Medicine
- To assess effectiveness (acceptance, interest, satisfaction) of PK technology implemented in Small Group Teaching session

METHODS



RESULTS

- 100 % Attendance in all sessions.
- Majority accepted ($\alpha=0.76$). Better interaction, knowledge gained easily, improved quality of teaching.
- Majority interested ($\alpha=0.75$). Engaging, communicating, contributing, continuing, other subjects.
- Majority satisfied ($\alpha=0.87$). Useful, raising alertness, no annoyance, irritation, superfluity.
- Better learning (Avg score 4.4 vs 6.23)
- Improved retention (t-test $p<.0001$).

CONCLUSION

A powerful tool for knowledge delivery. Better interaction among students & teachers
Betterment: Student-Teacher relationship & Positive impact on learning environment

Enthusiastic participants for PK sessions
Administrative & staff support
Professional network & Proper planning

Permission from college authority
Rigorous rehearsal by teacher
Multiple demo sessions & Time factor

