Enhancing Simulation Logistics: Aligning with INACSL Best Practices for

Optimal Learning Outcomes in Hong Kong

School of Nursing and Health Sciences, Hong Kong Metropolitan University

Natalie LEE Po-man & Simulation-based Education Team

Practical Challenges in HK

- Overcrowded Sessions Increased nursing student enrolment comprises learning quality.
- Limited Resources Restricted physical space and resources hinder individual feedback and reflection.

٠

- Facilitator Shortage The demand for trained facilitators exceeds the supply, leading to diluted educational experiences.
- Time Constraints Tight timetables result in rushed debriefings and missed learning opportunities.

Revised Logistics & Operation

- Optimizing the flow of simulation activities, from student arrival and preparation to scenario execution and debriefing, streamlines the process and improves efficiency.
- This involves redesigning the simulation space, implementing clear protocols, and utilizing technology for data collection and feed back to improve efficiency and student engagement.

Integration of Virtual Sim in Prebriefing

- Integrating self-developed virtual simulation scenarios allows students to engage with scenarios in advance, optimizing inperson simulation time for hands-on practice and developing critical thinking skills.
- This pre-briefing approach helps alleviate anxiety and enhances student readiness.



TMULATTON - CASE

20 minutes

Team A - Obs

Team 8 - Participe

Effective Scheduling

- Optimizing scheduling involves staggering simulation sessions, utilizing different simulation modalities and implementing a robust booking system.
- The aim is to accommodate larger cohorts without compromising individual learning.



Training & Mentoring

- Implementing a robust in-house training program that offers cost-effectiveness and tailored content aligned with existing practices. This approach increases the pool of qualified facilitators and standardizes facilitation techniques. Pairing new facilitators with experienced mentors fosters confidence and competence. Through observation, guided practice, and reflective discussions, new facilitators can learn effective techniques and develop their own styles.
- This combined strategy of training and mentorship can significantly improve the quality of facilitation while alleviating the current shortage.

Conclusion

These enhancements not only improve the quality of simulation experiences but also optimize resource utilization, ensuring that we adequately meet the educational needs of all nursing students. This presentation highlights our commitment to adaptability in responding to the evolving demands of nursing education.

