Interruption caused by COVID-19 in Nursing education : Lesson Learned Malaysian Context

Siti Hazariah Abdul Hamid, PhD, RN
Assistant Professor
Head of Clinical, Kulliyyah of Nursing
International Islamic University Malaysia (IIUM)
e-mail: shazariah@iium.edu.my

Outlines

- COVID-19 pandemic in Malaysia
- COVID-19's impact on nursing student learning
    - Theory classes
    - Practical session (Clinical skills center and hospitals)
- Challenges in adopting online teaching and learning
- Utilization of technologies alternate to clinical practice
- Preparation of student prior to clinical placement
- Lesson learned from COVID-19 pandemic

Timeline of key events of COVID-19 in Malaysia

25 JAN 2020: MOH confirmed the first case of COVID-19

31 JAN 2020:

WHO declares Coronavirus a global health emergency.

MOH confirms an increase in COVID-19 + ve cases

6 FEB 2020: the first case of local infection

12 MAR 2020: cumulative cases rose to 158. WHO declares COVID-19 a pandemic

18 MAR-10 JUN 2020

PM announced Movement Control Order

COVID 19's impact on theory classes

- Deferment of on-campus classes for few months.

- The university conducted series of trainings to equip lecturers on the various teaching and learning strategies (zoom, google meet, MS teams)

- Ensure the students have sufficient internet access → affects mental well-being (stress, anxiety)

- Altered the methods of delivery, assignments and assessments

Challenges - online teaching and learning

Barriers

- Time constraint
- Poor technical skills
- Inadequate infrastructure
- Lack of institutional strategies & support
- Negative attitudes

(learners/lecturers/admin)

Solutions

- Improve educator skills (flexibility & creativity)
- Incentive and rewards for the time spent on the development & delivery of online content
- Improve institutional support
- Positive attitudes

Utilization of technologies alternate to clinical practice

-Video recording nursing procedure/ clinical settings
- online reflective
- e-PBL

TEACHER CENTERED → LEARNER CENTERED

SIMULATION WITH VIRTUAL PATIENT

VIRTUAL SKILLS DEMONSTRATION

FACE TO FACE!!!!

COVID 19's impact on clinical placement

- Deferment of clinical placement at health clinics and hospitals effective on **17ᵗʰ March 2020**

- Resume clinical posting ONLY for **FINAL YEAR** students on **6ᵗʰ July 2020**. Followed by Year 1, 2 and 3 on **5ᵗʰ August 2020**.

- Allow at least a week for students self practice at simulation ward, CSC prior clinical placement.

Adjustment- clinical placement

Before COVID-19

- Sufficient quota
- Shift (AM, PM, Night shift)
- Various areas of placement.
- SOP on practice and the uniform

During/post COVID-19

- Number of student per ward per shift is reduced by half (12→6)
- Amend the shift/rotation of student placement (7 hrs→5 hrs)
- Student are not allowed to enter high-risk area (red zone ETD) interrupt the nursing board requirement
- Strictly adhere with the SOPs
- Infection prevention and control(IPC)

Re-education programme on the IPC

- To educate on the importance of standard precautions

- To educate on transmission-based precautions (Contact, Droplet, Airborne)

- Prevent transmission of healthcare-associated infection (HCAI)

- Prevent incidence of sharps injury

Methods of delivery

Briefing, demonstration, written assessment and OSCE)

Monitoring : Responsibility of Clinical Nursing Instructors

 Only healthy students are allowed for clinical placement

 Ensure students practice social/physical distancing at least 1-2 meter from others & comply with the PPE (Level 1, 2 or 3).

 Keep updated and reinforce the student on any SOPs produced by the clinical facilities from time to time.

 Work closely with the clinical facilities staff in ensuring any procedure done to the patient's student in a safe manner

 Ensure the student practicing good personal hygiene after any contact with respiratory secretions.

Lesson learned

Theory classes

- Emergency remote teaching and learning (ERTL) –Asynchronized and synchronize session

- Flexibility and creativity to maintain high quality online teaching and learning

Practical session (CSC and hospitals)

- Physical distancing

- PPE

- Risk assessment/minimization

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Terima kasih