

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

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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



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)
–Asynchronised and synchronise session
- Flexibility and creativity to maintain high quality online teaching and learning

Practical session (CSC and hospitals)

- Physical distancing
- PPE
- Risk assessment/minimization



References

1. Garis Panduan Penggunaan Fasilitas Kementerian Kesehatan Malaysia bagi tujuan Latih amal Pelajar Institusi Pengajian Tinggi (IPT) (2015).
2. Garis Panduan Pelaksanaan Latih amal bagi pelajar Institusi Pengajian Tinggi (IPT) di Fasilitas Kementerian Kesehatan Malaysia semasa wabak COVID-19; Ketua Pengarah Kesehatan Malaysia 13 April 2020.
3. General Policy for Covid 19. Flowchart Handbook for COVID-19; IIUM Medical Centre (2020)
4. Panduan Pengendalian Program Pendidikan semasa dan pasca perintah kawalan pergerakan COVID-19 (MQA) 23 Mac 2020 & 29 Mei 2020.
5. Prosedur Kerja Selamat Pencegahan COVID-19 di Tempat Kerja. Jabatan Keselamatan dan Kesehatan Pekerjaan; Kementerian Sumber Manusia (2020).
6. Majlis Keselamatan Negara.
7. Standard Criteria for Approval/Accreditation of Nursing Programmes (2018).

Terima kasih

