

Challenges in delivering obstetric cases amidst COVID 19 in NEPAL

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Health care workers and their concern

- Health-care workers are crucial to any health-care system.
- During the ongoing COVID-19 pandemic, health-care workers are at a substantially increased risk of becoming infected with severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)

What is the current situation in Nepal

Today, health care personnel are facing challenges of possibly being exposed to the virus.

- Across the country, fear of COVID-19 transmission in hospital settings is widespread because of a scarcity of proper protective equipment.
- Treatment issues if health personnel gets infected.
- Community perception if they get infected.



National lockdown happened very early in Nepal, on March 21, 2020, well before any community spread of COVID-19.



List of Coronavirus disease (COVID-19) Hub Hospitals in Nepal

Source of information: <https://covid19.mohp.gov.np>

Last updated: 12:18, March 28, 2020

- Bharatpur Hospital
- Bhaktapur Hospital
- Karnali Academy of Health Science
- **Dhulikhel Hospital, Kathmandu University Hospital**
- Civil Service Hospital
- Tribhuvan University Teaching Hospital
- PAHS
- Pokhara Health Science Academy
- Dhaulagiri Zonal Hospital
- Koshi Zonal Hospital
- Mechi Zonal Hospital
- B.P Koirala Institute of Health Sciences
- Mid-Western Regional Hospital
- Mahakali Zonal Hospital,
- Seti Zonal Hospital
- Far-west Sub Regional Hospital
- Narayani Sub Regional Hospital
- Gajendra Narayan Singh Sagarmatha Zonal Hospital
- Janakpur Zonal Hospital
- Lumbini Zonal Hospital
- Rapti Zonal Hospital
- Bheri Zonal Hospital
- Rapti Sub-Regional Hospital
- Shree Birendra Hospital
- Bir Hospital



Dhulikhel Hospital, Kathmandu University Hospital



Government of Nepal Testing site for COVID 19



Dedicated COVID 19 hospital

- We get cases suspected and confirmed with COVID 19 infection.
- How we prepared ourselves:

We formed different teams comprising of 6-7 members in each team

1. Rapid response team
2. Triage assessment team
3. Fever clinic team
4. Teaching and Learning Team (Simulation lab)
5. Information Dissemination team
6. Contact tracing team



Dedicated COVID wing of Dhulikhel hospital



For the staff posted in COVID dedicated hospital

- PPE
- Materials
- Trainings and simulation
- Proper doffing and donning

For the staffs working in Dedicated COVID wing

Personal Protective Equipment:

- Gown
- Disposable surgical cap
- Disposable surgical mask
- Disposable latex gloves
- Goggles

A Plastic Wrap is used as a barrier between the Client and the HCP to protect the HCP, at least of 1 m distance should be maintained while recording history

Any document to be provided to the client can be given from the top of the plastic wrap.

A chair inside the white Circle is kept to maintain distance

- Materials:

- 1. Sanitizer
- 2. Register for recording
- 3. Triage checklist form
- 4. Nepal Government Quarantine form
- 5. Nepal Public Health Laboratory Form for Test
- 6. Quarantine information paper for clients
- 7. List of contact number inside and outside the hospital

- Guidelines:

- 1. Triage Guideline/Protocol/Algorithm
- 2. COVID Lab Test Guideline
- 3. HCP Risk Assessment and Quarantine Guideline
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काठमाण्डौँ विश्वविद्यालय अस्पताल



Simulation Based Table talk Exercise on COVID-19

All healthcare professionals posted for COVID-19 duty in the hospital. A simulation session is conducted everyday to orient you about your roles and responsibilities.

Courses On :



Triage



ICU



Respiratory Zone (ER)



Fever Clinic



Isolation Ward



Dead body Management

Dr. Samjhana Basnet

Contact Persons : Ms. Gayatri Paudyal
Mr. Shiva Neupane

Venue : Dhulikhel Hospital, New Conference Hall

Time : 10:00 A.M. - 12:30 A.M.



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In-situ Simulation course on COVID-19

All healthcare professionals posted in ER, ICU and PICU departments. In-situ simulation exercises are conducted every alternative day to orient you about your roles and responsibilities.

Course on :



Silc@kusms.edu.np

Dr. Samjhana Basnet - 9801002251

Contact Persons : Dr. Pukar K.C. - 9849737134

Ms. Gayatri Paudyal - 9801002439

Venue : Dhulikhel Hospital, ER/ICU/PICU

What happens if we get infected

- Depending on the phase of the pandemic, not only patients with COVID-19 are the source of SARS-CoV-2 infection but health-care workers could be exposed to asymptomatic patients, infected family members, contacts, and colleagues, or live in communities of active transmission.

How will society and community perceive our working in a COVID dedicated institution

- Of late we are seeing incidences of people in the community not behaving well with the health care workers. They perceive health care workers as potential source of infection.
- Many health care personnel feel sad and depressed with the way they are behaved

Institutional strategy

- Clear strategies to support and appropriately manage exposed and infected health-care workers are essential to ensure effective staff management and to generate trust in the workplace.
- Treatment support like (ICU care and ventilator support) to the health care personnel is essential, if they become symptomatic

The focus should be...

These management strategies should focus on:

- Risk stratification
- Suitable clinical monitoring
- Low-threshold access to diagnostics
- Decide about removal from and return to work.

Policy makers

- Regenerating trust in health services requires addressing the fear of infection through providing adequate protection for health workers.
- Policy makers need to support health-care facilities in interpreting guidance during a pandemic that will probably be characterised by fluctuating local incidence of SARS-CoV-2 to mitigate the impact of this pandemic on their workforce.

Thank you