COVID-19

Contingency Plan

COVID-19 is highly virulent and contagious.

There is no specific treatment as yet.

We can help humanity by preventing community transmission.

(See Flow chart in Fig. A.)

Flow chart shows that chain of community transmission can be interrupted at three steps.

Step I & II

➢ Civil administration has to educate people about
  • Social distancing
  • Hand wash
  • Gargle with warm water & Nasal cleaning
  • Wearing of Face mask
  • Disadvantageous of Congregational Prayers & other Social Gatherings
  • Sanitization & Proper diet
Fig. A. Flow chart- Chain of spread

Covid +ve Patient

Step I
- Relative
  - Relative +ve

Step II
- Friend +ve
- Colleague +ve
- Mosque (Masjid) / Other Social Gatherings
  - Public +ve

Step III Hospital
- Doctor +ve
- Patient +ve
- Family member +ve
Step III:

Role of Hospital administration

In view of lack of testing facilities, we have to take every patient as Covid +ve.

To save medical staff (health workers) and patients, we have to take following measures

a) Stop OPD
b) Avoid procedures such as : Routine Laparoscopy, Endoscopy, Bronchoscopy (because of involvement of positive pressure )
c) Oral, Nasopharyngeal, Laryngeal or rectal examination(because of exposure to airborne viral load from patient)
d) For Emergency procedures like trauma, cesarean section etc. test patient for covid-19, if Covid-19 testing is not possible, take every patient as Covid-19 +ve and take stringent recommended measures to prevent transmission.
e) Arrange emergency staff with proper P.P.E to manage emergencies 24x7.
f) For referral you have SMSH, Bone & Joint Hospital, L.D Hospital, G.B.Panth, C.D Hospital and Psychiatric Hospital.
g) See how many normal deliveries and Cesarean sections have been done in past two weeks. In our hospital single obstetrician along with few LAS can manage the section.
h) Close Dental OPD, Surgical OPD, Medical, Pediatric, Orthopedic, Physiotherapy OPDs. Emergencies like Surgical, Medical, Orthopedics and Pediatrics are always referred to tertiary care hospitals.
i) Arrange a pool of 15 doctors, 15 Medical assistants, 15 Nurses, 15 Nursing orderlies, 15 Sweepers and 15 Gatekeepers with proper protection for covid-19 patients.

Since incubation period of COVID-19 is 14 days, every person can repeat duty only after minimum 14 days (self quarantine period)
**Fig. B. Flow chart**

**Main Gate**

- Police
- Gate Keeper

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**Reception**

- Emergency
- Patients with travel history

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**Patients with travel history**

Or suspicious symptoms

Signs

- To Covid-clinic
- Maintain precautions
- Different colored ticket with clinical details and medical advice to be handed over by consulting doctor only.

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**Note:** Routine immunization programme must go as per schedule in hospital.

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**Concept Prepared**

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