

A Study on Management of H1N1 cases in Bombay Hospital, Indore



TASKS ASSIGNED IN SUMMER TRAINING

- . Maintenance of H1N1 patient records.
- . Morning ICU, OPD & Diagnostics round.
- . Compilation of forms & formats used in various departments.
- . ICU duty roster preparation for May 2015.
- . Distribution of TLD badges.
- . Patient feedback from General Ward.
- . Assisting the OSDs.

LEARNINGS DURING SUMMER TRAINING

- . Manpower management, duty roster preparation, prescription auditing, maintenance of registers and quality indicators
- . IDSP surveillance.
- . Licenses required in a hospital.
- . Biomedical waste management.
- . Forms & formats required in all departments.
- . Basic Life Support - CPR, CBA.
- . Maintenance system of TLD badges.
- . Administrative protocol and documentation for kidney transplant.
- . Calculation of discharge time.
- . Documentation required for NABH reassessment.
- . Standard operating procedure for
Code Orange - Spillage
Code Blue - Cardiac arrest / emergency
Code Pink - Child abduction

Integrated Disease Surveillance Project (IDSP) is a project of the Government of India for strengthening the hospital based disease surveillance for communicable and priority diseases such as H1N1.

OBJECTIVES

- . To observe the management of H1N1 patients in Bombay Hospital (under IDSP).
- . To analyze the prognosis of H1N1 patients in referred cases & direct cases in the hospital.

METHODOLOGY

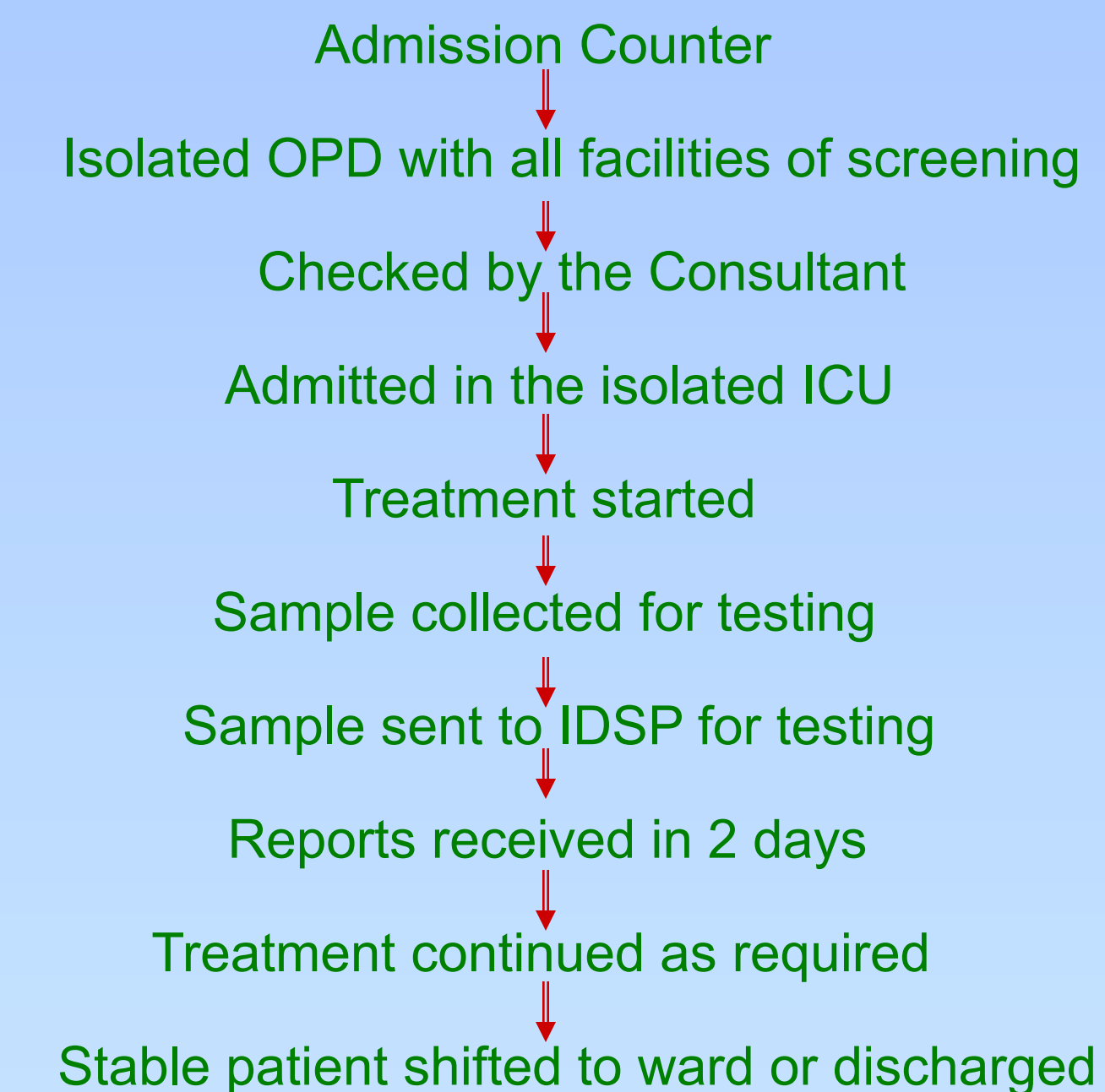
- . **Study Area:** Inpatient area, Bombay Hospital, Indore.
- . **Study Duration:** For management of H1N1 patients - 1st April 2015 to 30th April 2015. For percentage of death - January 2015 to March 2015 (3 months).
- . **Study Design:** Descriptive, Retrospective
- . **Type of Data:** primary data through observation and discussion with the staff and secondary data through H1N1 patient records from January 2015 - March 2015.
- . **Sample Size:** 161 H1N1 cases in the hospital
- . **Sampling Technique:** Census of all the H1N1 Cases in the hospital.

OBSERVATIONS

Standard Operating Procedures:

- . H1N1 patients are kept in the isolated wing of the ICU, beds are kept one meter apart.
- . No. of visitors are restricted.

- . Infection control precautions are reinforced, eg. use of high efficiency mask.
- . Antiviral prophylaxis and PPE kit is provided to health care personnels managing the H1N1 cases.
- . Biomedical waste is properly disposed in sealed impermeable bags.
- . Patient Flow

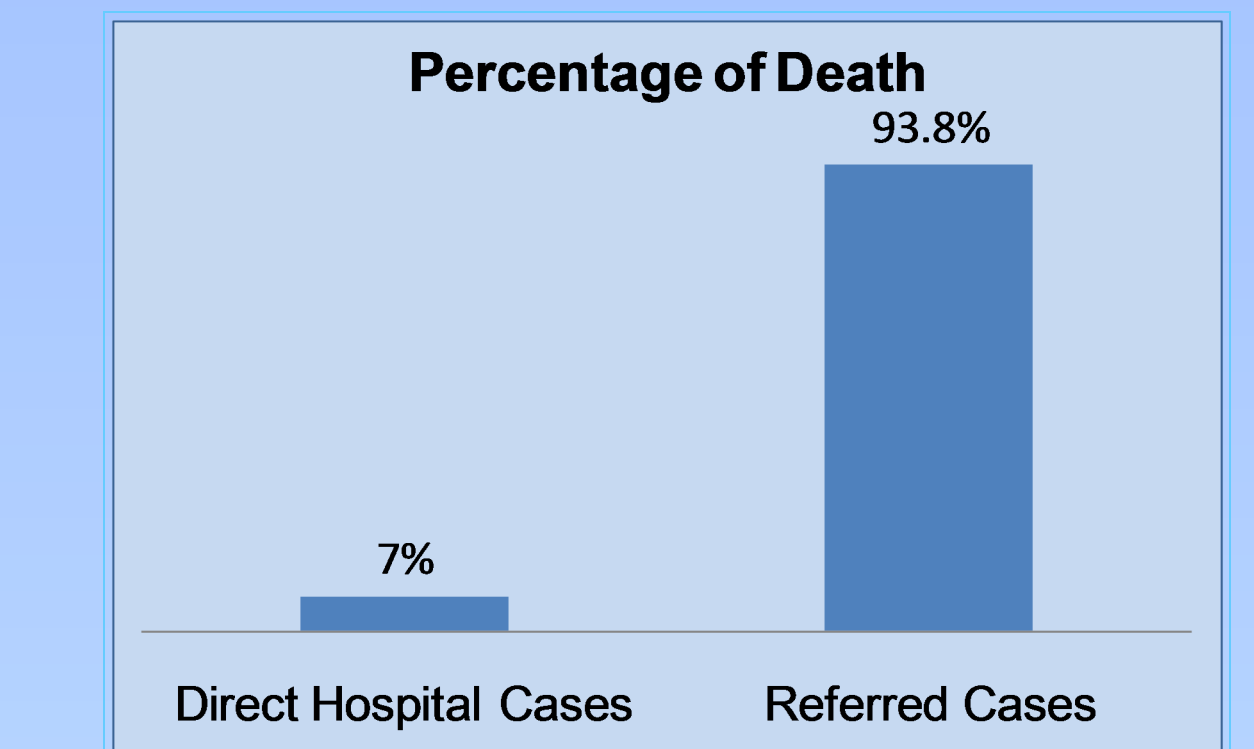


Surveillance by IDSP

Norms	Status
Provision by IDSP to Hospital	
. Medicines	✓
. VTM	✓
. PPE Kit	✓
From Hospital to IDSP	
. Mailing daily H1N1 cases records.	✓
. Mailing daily drug requirements.	✓
. Timely sending samples for H1N1 tests.	✓

H1N1 cases status in Bombay Hospital

	Referred Cases	Direct Cases
Total	16	57
Deaths	15	4
Discharge	1	53



FINDINGS Probable reasons for difference in prognosis -

Direct Cases	Referred Cases
. Early Diagnosis	. Delay in diagnosis
. Proper Treatment	. Delay in referral
. Quality Nursing Care	. Lack of information to patients about hospitals having IDSP surveillance.
. Effective Infection Control	

SUGGESTIONS

- . Hospital should promote public awareness through camps, posters, banners, etc.
- . Visual and print media should be used for mentioning the list of hospitals having the IDSP surveillance.

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