

## Disaster Plan of AIIMS Hospital

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## Disaster Plan for AIIMS Hospital

- ◆ Disaster Committee
- ◆ The following officers of AIIMS hospital will form the Disaster Committee under the chairmanship, Hospital Management Board.
  - Prof. & Head, Deptt. of Orthopaedics
  - Prof. In charge, Accident & Emergency Services
  - Prof. & Head, Deptt. of Surgery
  - Prof. & Head, Deptt. of Medicine
  - Prof. & Head, Deptt. of Forensic Medicine
  - Prof. & Head, Deptt. of Neuro Surgery
  - Prof. & Head, Deptt. of Anaesthesiology
  - Prof. & Head, Deptt. of Radio-diagnosis
  - The Nursing Superintendent
  - Officer In charge of all Supportive Hospital Services
  - Prof. & Head, Deptt. of Gastroenterology
  - Secretary, Hospital Management Board


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## Disaster Plan for AIIMS Hospital (contd)

- ◆ Types of Disasters Expected
  - Vehicular accidents and aircraft emergencies
  - Bullet and Blast injuries
  - Collapse of a building
  - Fire
  - Food poisoning – Gastro Enteritis
  - Any other like drowning etc.
- ◆ HQ for Disaster plan coordination
  - Control Room: Room No 12, Tel: 26862663, 26593308 round the clock
  - MS Office, Tel: 26594700, 26861389


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## Disaster Plan for AIIMS Hospital (contd)

- ◆ Information and Communication
  - Receiving information at Radio Telephone Desk which is already established in all the conference areas
  - One Hot lines from Police HQ in the Control Room
  - Direct arrival of casualty without any prior intimation
- ◆ Details to be ascertained on the Hot lines are
  - Time and place of occurrence
  - Nature of accident
  - Approximate number of casualties
  - Source of information
  - Authenticity

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## Disaster Plan for AIIMS Hospital (contd)

- ◆ Activating the Plan
  - On receipt of information from authentic source the Duty Officer will activate the plan and inform the MS, Chairman, HMB and Security Officer
- ◆ Reception Centre
  - For moderate load : The present Casualty OPD will function as the reception area
  - For heavy load : Main hall of ground floor OPD will be converted into reception area
  - Police and Security personnel of AIIMS will act as Traffic Controllers directing the patient and relatives to the respective reception centres

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## Disaster Plan for AIIMS Hospital (contd)

- ◆ First Aid and Sorting : Triage
  - For Moderate Load : Existing casualty Medical Team will function for First aid and sorting
  - For heavy Load : The centre will manned by 4 teams each consisting of :
    - One General Surgeon
    - One Orthopaedic Surgeon
    - One Physician
    - One Anaesthetist
    - Two Sisters
    - Two Nursing Orderlies
    - One sweeper
    - A team of two Stretcher Bearers each having one stretcher

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## Disaster Plan for AIIMS Hospital (contd)



- ◆ The responsibilities of First Aid Centre will be
  - Quick sorting of casualties into
    - Priority one : Needing immediate resuscitation
    - Priority two : Immediate surgery
    - Priority Three: Needing first-aid & possible surgery
    - Priority Four: Needing only first-aid
  - Action : Priority one will be attended to in Casualty and if need arises will be sent to AB-VIII, ICU
  - Priority two will be transferred immediately to casualty OT and MOT
  - Priority three will be given first-aid and admitted if bed is available or transferred to other hospital
  - Priority four will be given first-aid and discharged home.

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## Disaster Plan for AIIMS Hospital (contd)



- ◆ The area marked for holding ward: Corridors AB & D wing, first floor
- ◆ Brought in dead or those who may die while receiving/resuscitation will be segregated
- ◆ Temporary morgue for keeping dead bodies will be created in the long verandah opposite the mechanical laundry.
- ◆ Necessary identification and handing over of bodies to the relative after medico legal clearance will be done in this area. This will function under care of the Department of Forensic Medicine.

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## Disaster Plan for AIIMS Hospital (contd)



- ◆ Additional Bed Space
  - In addition to the area marked on first floor, AB-1 & D-1 extra bed space will be created as follows:
    - Utilisation all pre-operative beds in AB-7
    - Any vacant beds will be requisitioned by the MS for this purpose
    - By discharging following categories of patients
      - Convalescing patients needing only nursing care
      - Elective surgical cases
      - Patients who can have domiciliary care or OPD advise
    - Ward side rooms and Seminar rooms of the wards may have to be used temporarily

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## Disaster Plan for AIIMS Hospital (contd)



- ◆ Linen Stores
  - A room in D wing, (SF 1) room 1st floor is earmarked for this purpose following stores will be transferred to that room from the stores
 

• Mattress	-	40
• Bed Sheets	-	120
• Blankets	-	80
• Pillows and cover	-	60
• Patient clothing female-		30
• Patient clothing male	-	30
• IV Stand	-	60
• O <sub>2</sub> cylinder	-	20

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## Disaster Plan for AIIMS Hospital (contd)



- ◆ Drugs and Equipment
  - The Medical and Surgical Stores Officer will be called at once to open the store. As an immediate measure the buffer stock earmarked in casualty will be utilised. All essential drugs will be stocked in the medical stores and issued on orders of MS, DMS, Duty Officer. Dressing material and items of surgical stores are similarly kept in reserve. A dozen emergency trays containing life saving drugs will be kept ready in medical stores. For first few hours and for immediate use the drugs will be requisitioned from emergency stock lying with sister I/C of Casualty
  - Approximately 400 bottles of Crystalloids are kept available by the Crystalloids store. I/C stores will be at once sent for reporting on duty.

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## Disaster Plan for AIIMS Hospital (contd)



- ◆ Emergency Blood Bank
  - Efforts shall be made for blood of all the available groups to be stocked in plenty. Volunteers and Voluntary Organisation will be approached to donate as much blood as possible.

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## Disaster Plan for AIIMS Hospital (contd)



### ◆ Staff

- Medical Staff : In addition to members of regular clinical units the faculty members of para and pre-clinical discipline will be asked to render help to assist the clinical staff in managing the casualties. The duty roster of regular consultants and standby doctors is to be made available in control room.
- Nursing Staff : A pool of nursing staff will be created by the Nursing Supdt. So that nursing staff is available at short notice. This pool should be out of nurses staying in the hostel for operational reasons. Duty roster will be sent to the duty officer by Sanitary Supdt.

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## Disaster Plan for AIIMS Hospital (contd)



### ◆ Volunteers

- Volunteers will be invited by the coordinated efforts of Faculty I/C Hosp Admn and two MHA residents, if necessary

### ◆ Documentation Centres

- For small load of casualty; documentation shall be done at the casualty OPD itself
- For large load of casualty; it is to be established in ground floor OPD at the central registration office of OPD. The staff working at registration counter and nursing staff will be utilised for documentation and identification volunteers may also be used for this purpose

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## Disaster Plan for AIIMS Hospital (contd)



### ◆ Hospital Security

- Security of staff, patients and hospital building and equipment being of paramount importance, during such disasters, the security officer has been requested to tune up and organise the security arrangements for this purpose

### ◆ Food Service

- Supply of nourishment to the patients and emergency duty staff will start immediately by the staff of the dietary services under direct supervision of Head of the Department of Dietetics or Dietician-in-charge of Kitchen. Most of the patient for first 24-48 hrs will be using only liquid or semi solids. By then efforts can be made supply of proper meals.

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## Disaster Plan for AIIMS Hospital (contd)



### ◆ Information Services

- Faculty of Hospital Administration will function as information officer and all information to press, radio and other media, individuals, organisations, government or otherwise will be issued by him. He will get prior clearance from competent authorities before issue of such information.

### ◆ Engineering and Maintenance Service

- The engineers will make sure that water and electricity is made available without interruption. All the standby electric power generators will be regularly checked, inspected and maintained in excellent serviceable condition.

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## Disaster Plan for AIIMS Hospital (contd)



### ◆ Discharge Procedure

- After appropriate treatment the casualties fit to be discharged shall be discharged to go home or to other hospital for convalescence. For all cases discharged the destination will be noted by the hospitals and police informed.

### ◆ Success of Plan

- Disaster is an emergency situation. Timely help of every individual is needed to make this plan a success to reduce the Mortality and Morbidity. In such state of affairs the individual and personnel consideration take low priority in the face of duty to the profession for sake of amelioration of human suffering

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## Conclusion



- ◆ Disaster management involves a host of multi discipline agencies of which medical relief is one of the most important one. There can be no tailor made disaster plan for the hospitals. Each hospital has to evolve its own plan based on the aforementioned considerations, and it has to be revised from time to time as each experience will bring new perspectives.

- ◆ Finally, it must be understood that a disaster can occur anywhere and at any time. It is no respecter of circumstances. It strikes with suddenness and fury and has a curious tendency of choosing the most in-appropriate moment. To deal with such sudden influx of a large number of casualties, quantitative extension of hospital has to be pre-planned.

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