

HOSPITAL PREPAREDNESS FOR DISASTERS

We cannot stop natural disasters but we can arm ourselves with knowledge: so many lives wouldn't have to be lost if there was enough disaster preparedness





Petra Nemcova

Vincent Mazraani Ms. Sciences-MPH-DES-MBA

Consulting & Training Agency S.A.L.

Vincent El MAZRAANI



Disaster planning

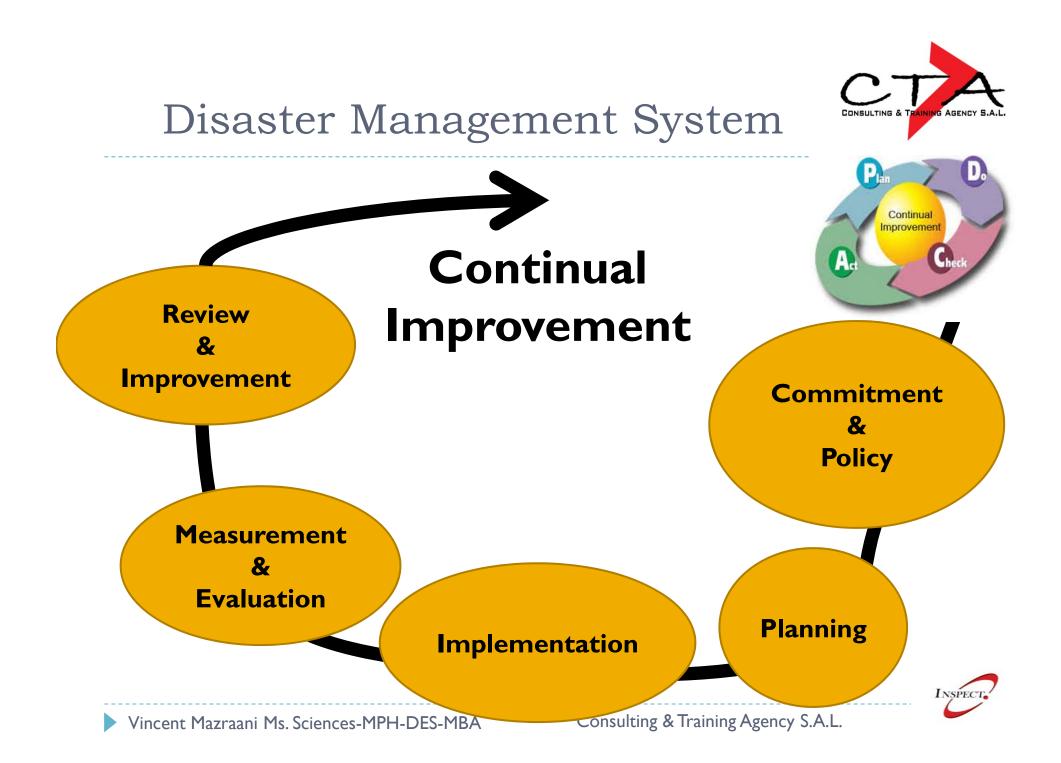
• To be ready

Difference between drills and real cases



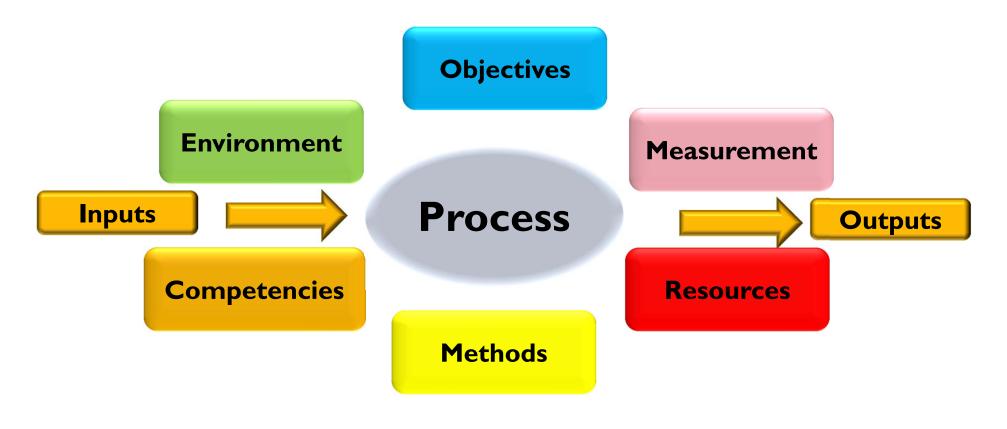


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Process management





Disaster committee

Members: **General manager Medical director** Risk manager Head of Emergency Room Quality manager **OHS** officer Patient safety coordinator Infection control Security



Disaster committee

Terms of reference:

- Prevention
- Awareness
- Control
- Evaluation
- Improvement





A disaster is an occurrence disrupting the normal conditions of existence and causing a level of suffering that exceeds the capacity of adjustment of the affected community.
WHO/EHA

Panafrican Emergency Training Centre, Addis Ababa Updated March 2002 by EHA





Pre Disaster





(a)

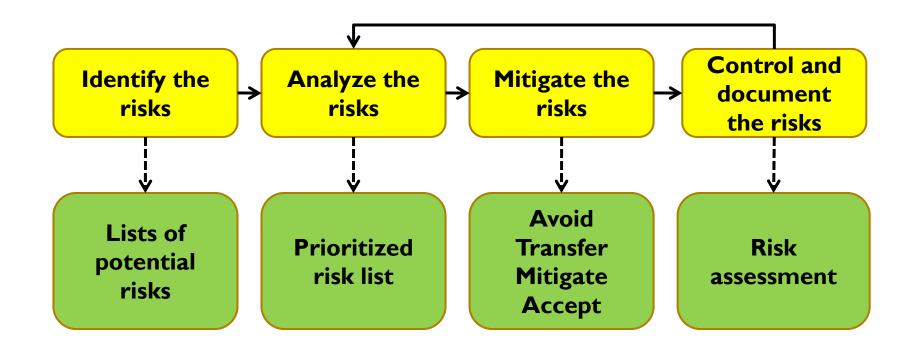


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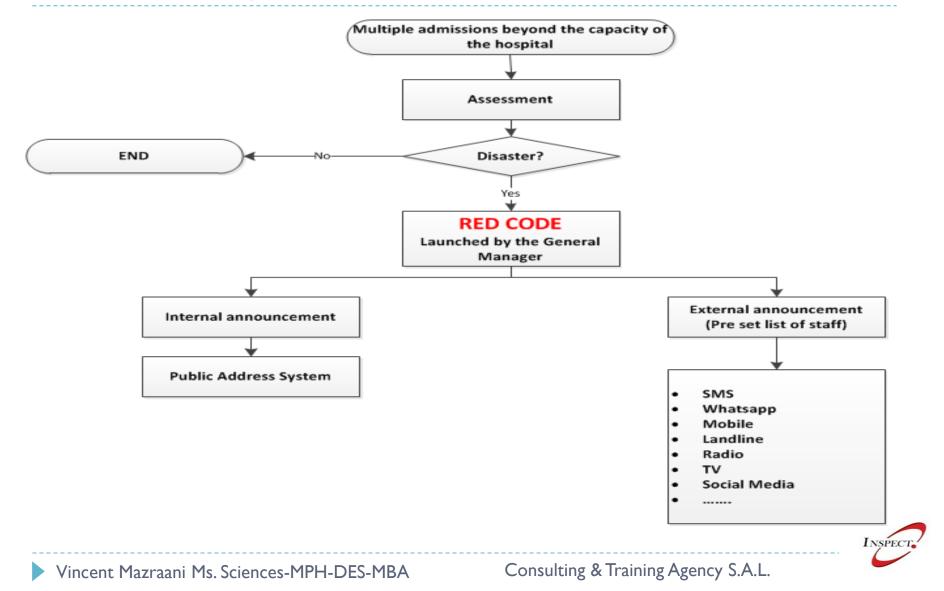


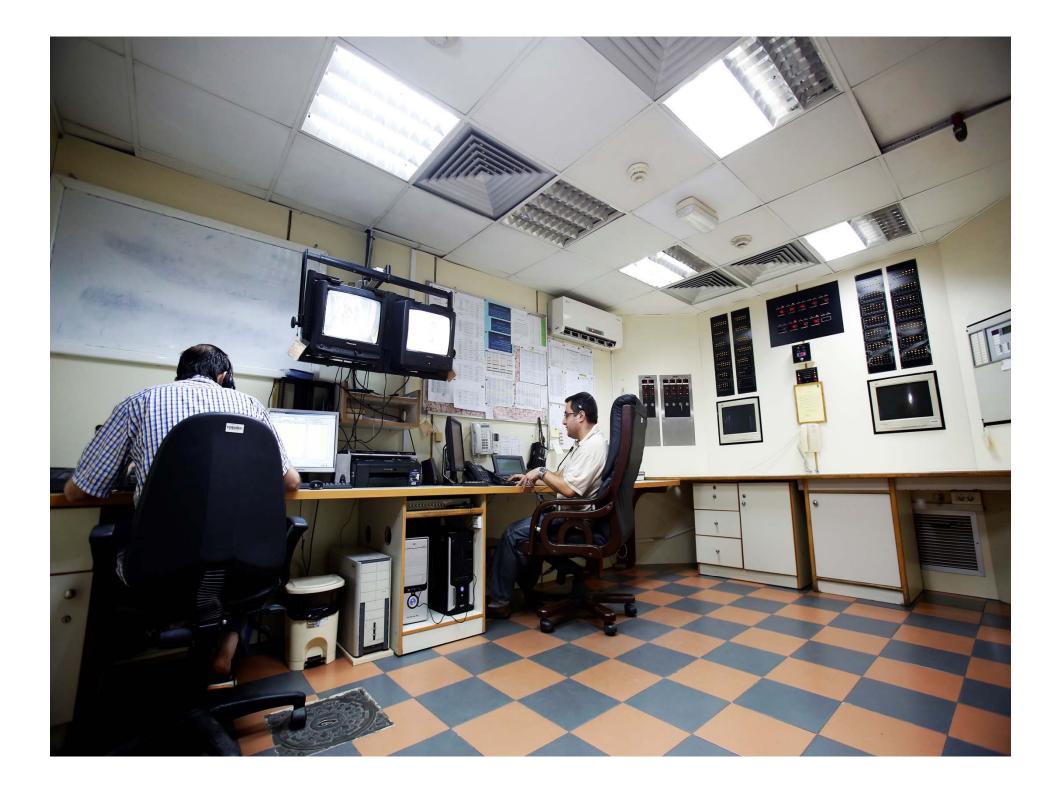


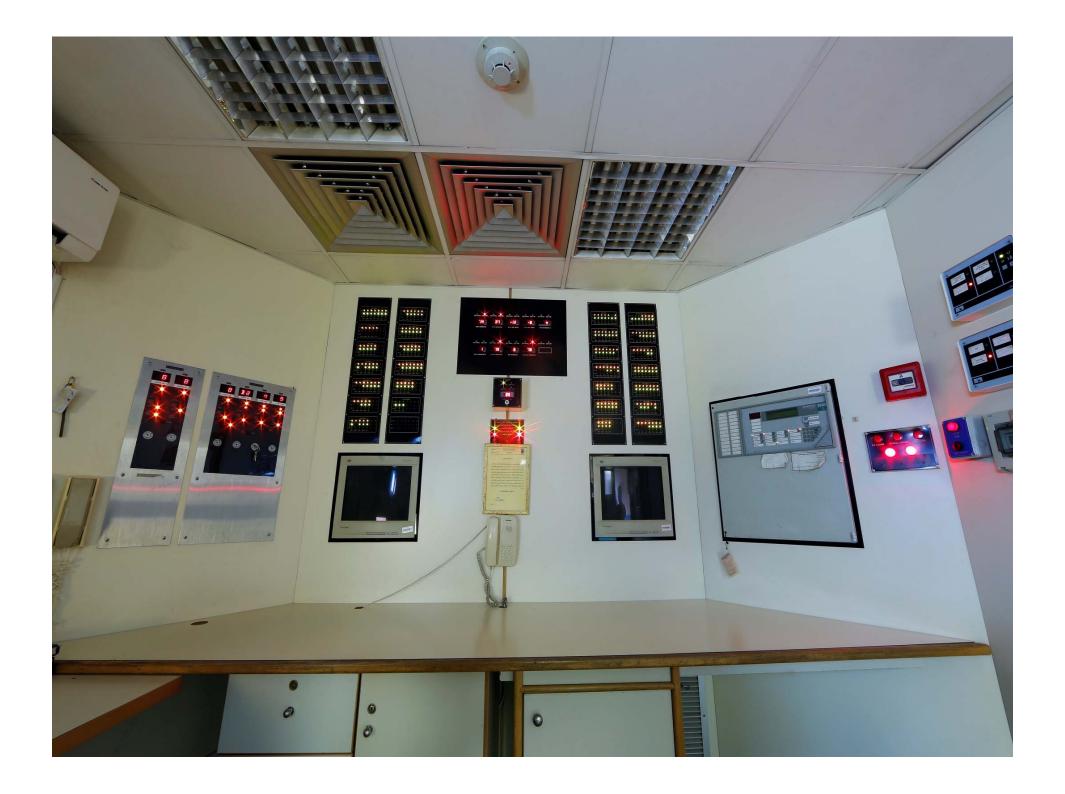
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Launching procedure









Medical

- On call physicians
- Distribution of medical task force
- Discharge patients

Nursing

- On call team
- Nursing coordination
- Distribution of nursing task force

► ER

- Inventory
- Open additional spaces
- Distribute Disaster Tags
- Coordinate with the nursing administration (on the human resources needs

Admissions office

- Stop cold admissions
- Coordinate with the ER about the availability of hospital beds

Finance

Coordinate with the nursing team to discharge patients





Biomedical

- Stop preventive maintenance activities
- Stay alerted for any corrective maintenance
- Make sure to have back up equipment

Maintenance

- Stop preventive maintenance activities
- Stay alerted for any corrective maintenance
- Stay updated on the availability of fuel, water and medical gases

Operators

- Announce RED CODE
- Call the on call team
- Distribute walkie talkies





Medical Laboratory

- Stop routine and cold tests
- Receive and perform urgent tests

Blood Bank

- Contact donors for blood donation
- Prepare available blood units

Medical Imaging

- Stop routine tests
- Contact out patient to cancel or adjourn rendez-vous
- Move Mobile X-ray to the ER
- Move an U/S machine to the ER
- Coordinate with the nursing administration to have an additional RN in the department

House keeping

Stay alerted to clean different areas





Supporting services

- Sterilization
- Laundry
- Kitchen
 - Patient
 - Staff

Pharmacy

- Inventory (Medical and paramedical)
- Coordinate with suppliers and other hospitals

Clinics

- Contact patients to cancel or adjourn rendez-vous
- Prepare the clinics to admit GREEN cases

Information technology

- Stay alerted for any software, hardware, network problem
- Collect data





Human resources

Updated list of staff with contact details

Medical records

Retrieve old medical files

Security

- Coordinate with local police, municipality
- Control all the hospital entrances
- Availability in the following locations (main, ER, OR entrance, IC entrance, Medical imaging, Blood bank, Morgue, regular floors)

Procurement

- Inventory
- Coordinate with suppliers and other hospitals





OR and Anesthesia

- Contact surgeons to cancel cold operations
- Coordinate with the medical administration regarding the availability of physicians
- Coordinate with the nursing administration regarding the availability of nurses

Intensive care

- Admit critical cases
- Discharge patients

QM, OHS, IC, PS

• Direct observation of the work being done during the disaster





TRIAGE TAG Colors

RED Disaster Tag

Needs emergency care *now*Should receive attention before all others

Yellow Disaster Tag

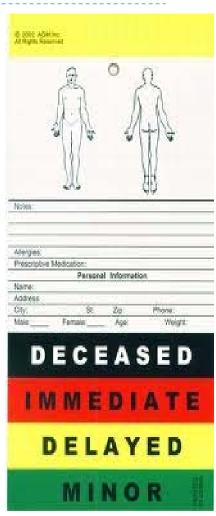
-Needs hospital care, but not immediate

Green Disaster Tag

Injuries managed by first aid only
Minor injury, can be delayed

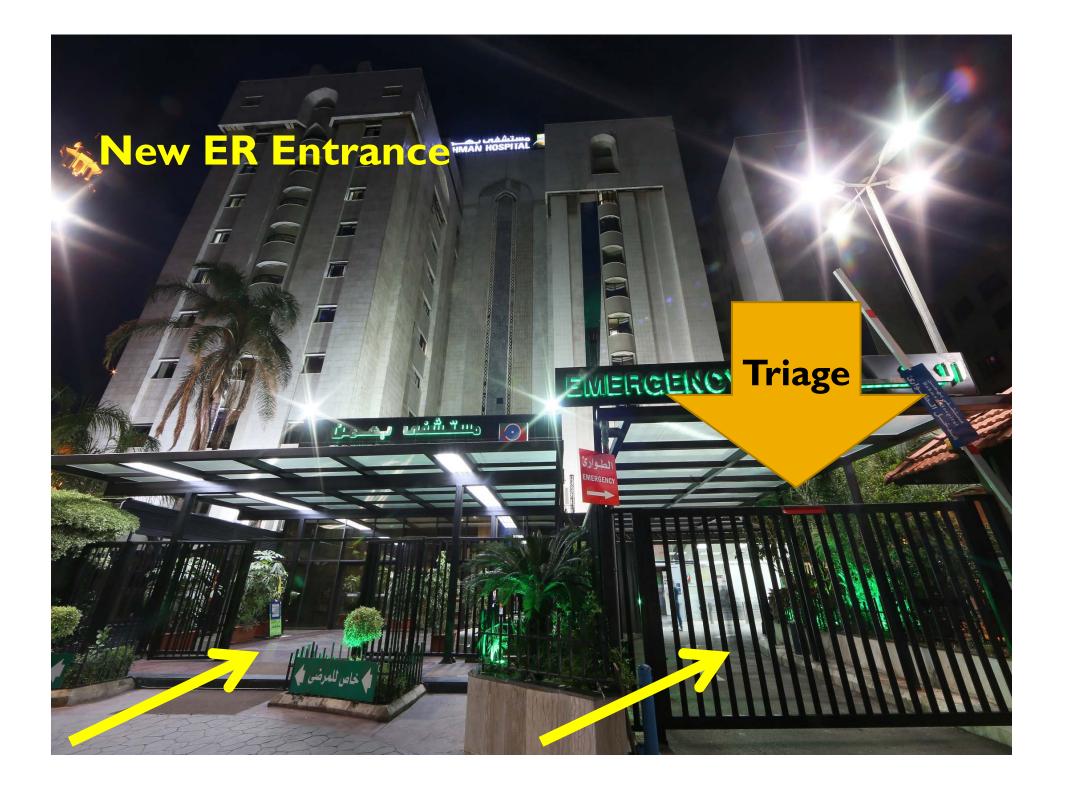
Black Disaster Tag

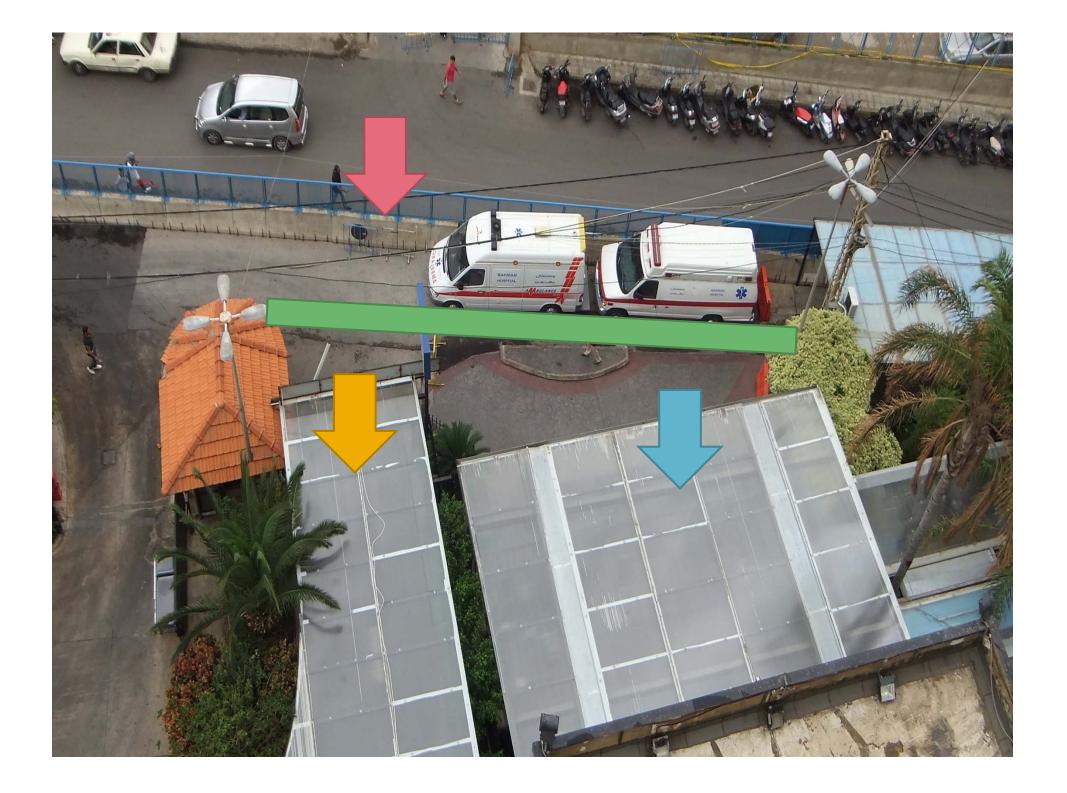
-Dead or non-salvageable, No CPR is done

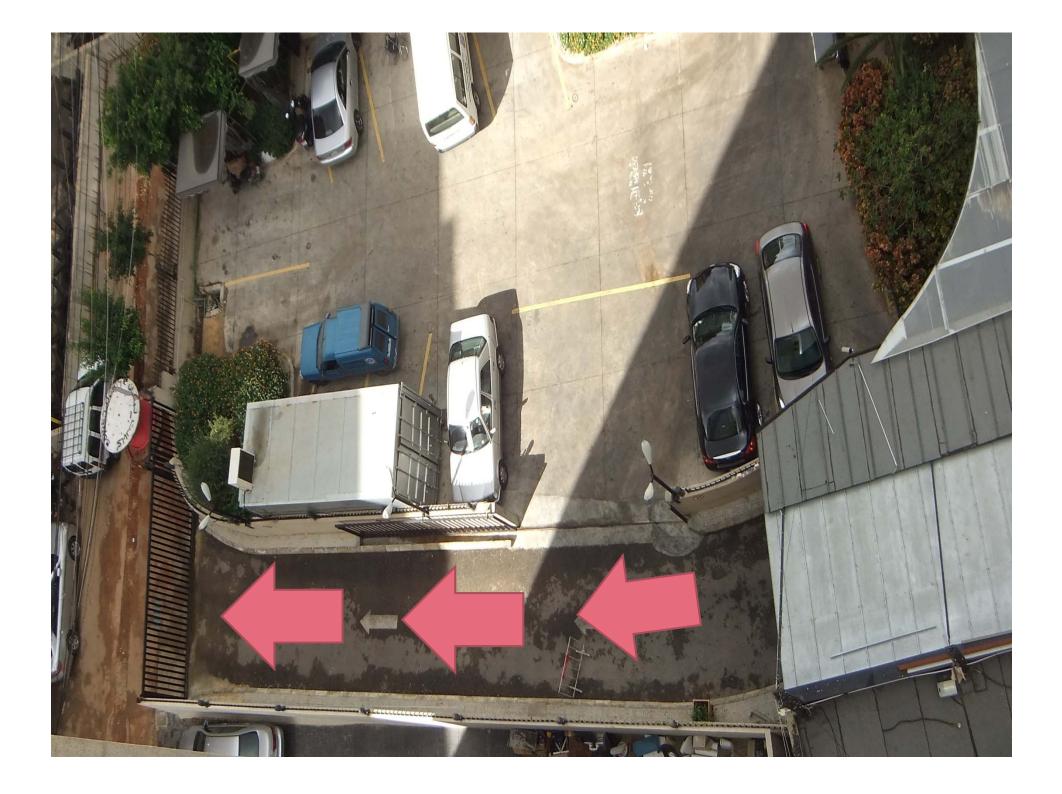






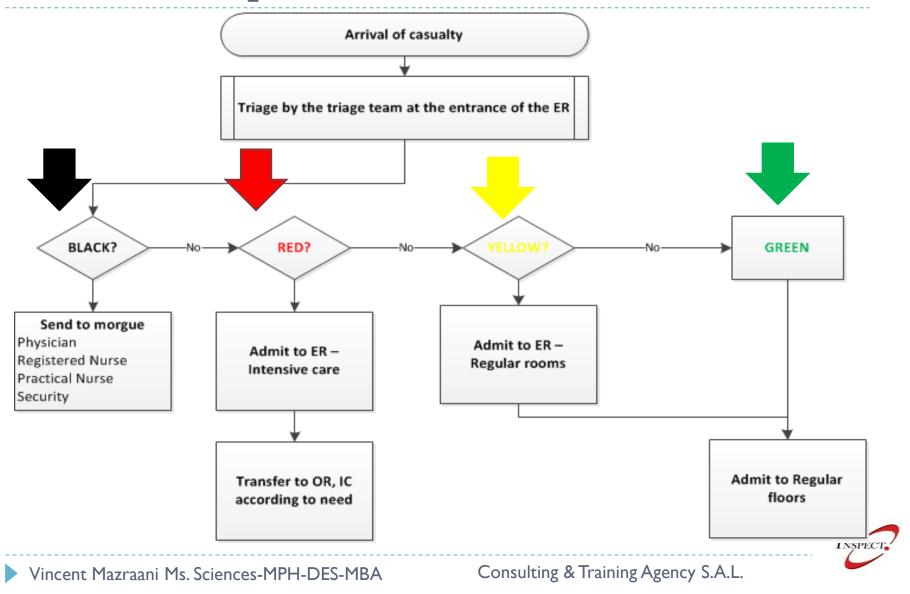


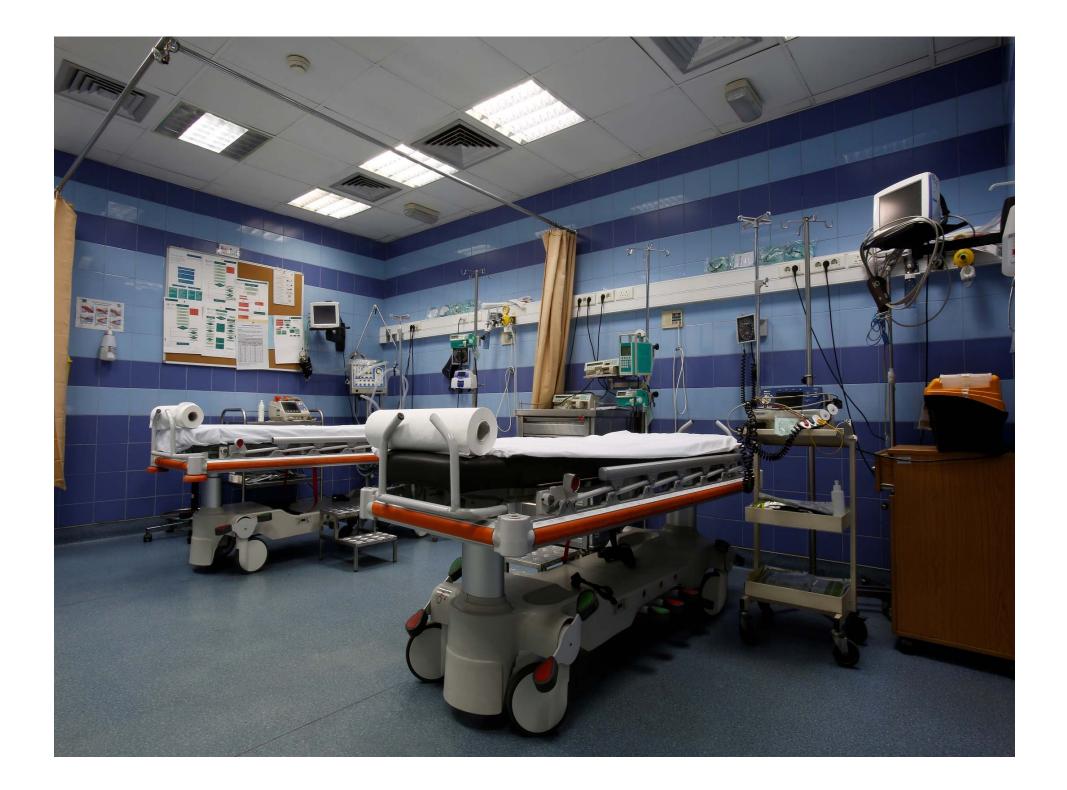






Admission process











Medical records

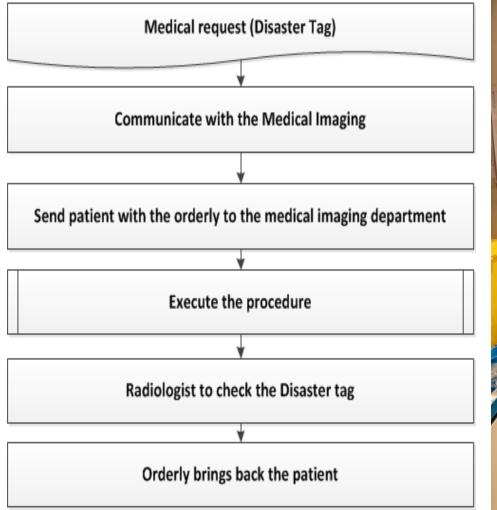
Check for previous admission

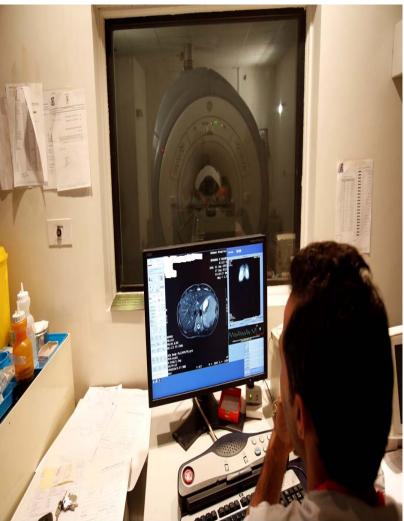


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Medical Imaging



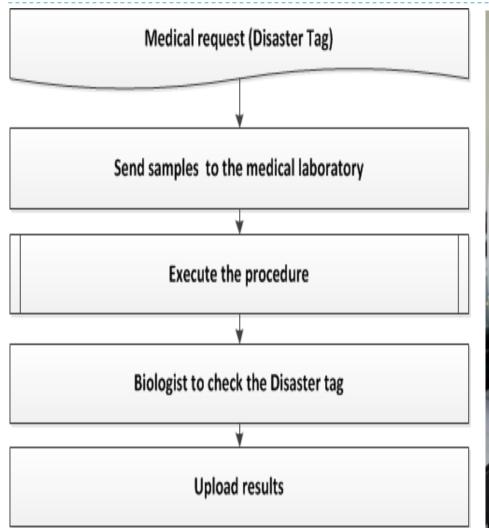


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Medical Laboratory

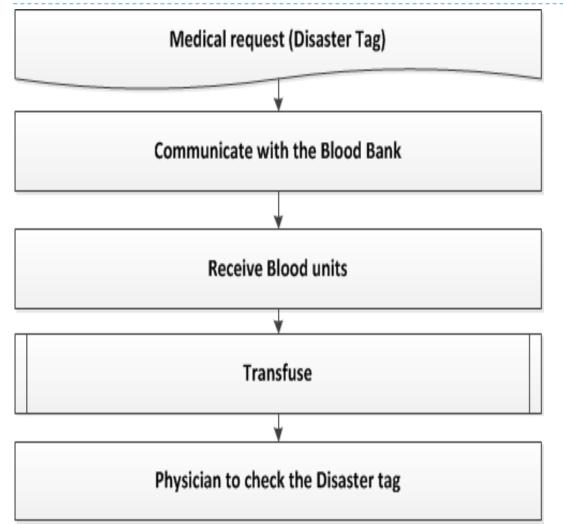




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Blood Bank





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Patient's belongings

All patient's belongings are kept in a special bag with a patients' number and/or name and handed to the security team.





Dealing with the media

- Only authorized people, designated by the general manager, are allowed to communicate with the media
- Reporters are not allowed to enter to restricted areas





Dealing with security

- Main entrance
- Goods entrance
- ER entrance
- Maintenance entrance
- Inside ER
- OR entrance
- IC entrance
- Morgue
- Blood Bank
- Medical Imaging
- Medical floors







Post disaster

- Reporting
 - By department
- Committees meeting to discuss the reports including the data collected and analyzed
- Amendment of the disaster plan for continual improvement
- Amend the training plan accordingly





The American University of Science & Technology (AUST)

Evacuation Plan

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Pre-Disaster

Occupational Health & Safety Committee

- TOR
- Members
- Risk Management
 - 4 stages
- Awareness & Training
 - Fire safety training
 - First aid training
 - Drill





Never doubt that a small group of thoughtful, committed citizens can change the world. Indeed, it's the only thing that ever has."

Margaret Mead



Thank you

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