

Missouri Southern State University

MEDICAL EMERGENCY PROCEDURES

When a situation presents involving a medical emergency in the clinic, the student should recognize and identify symptoms of medical emergencies. The student will proceed with emergency treatment in proper order realizing that recognition and summoning aid occur in conjunction with identification of emergency states.

Ammonia inhalants are located in the clinic in central sterilization. A first aid kit and emergency drug kits are located on the shelf in central sterilization and label on the outside of the cabinet.

Defibrillators (AEDs) and oxygen tanks are located on each side of central sterilization

Emergency drug kits are to be used by appropriate medical personnel.

The student will:

1. Recognize symptoms of medical emergencies, including those related to:
 - a. metabolic diseases, (e.g. insulin shock, diabetic coma);
 - b. cardiopulmonary diseases (e.g. angina pectoris, cardiac arrest, congestive heart failure, coronary artery disease);
 - c. neurological disturbances (e.g. convulsions);
 - d. allergic reactions, (e.g. systemic/local drug allergies);
 - e. foreign body in the eye;
 - f. respiratory disturbances (e.g. hyperventilation, airway obstruction, Chronic Obstructive Pulmonary Disease);
 - g. hemorrhage;
 - h. shock;
 - i. syncope;
 - j. emotional disturbances;
2. Summon aid immediately without undue alarm. The student must remain with the patient and begin assessment of vital signs.
 - a. In a strong voice, say "Instructor!"
 - b. Students in surrounding cubicles should aid in getting an instructor if the first call is not heard.
 - c. The student in cubicle #1 should go immediately for a clinical instructor. If the emergency is in #1, #2 is to go for aid. In the clinic, the student nearest the door is to summon a clinical instructor.
 - d. The student nearest the oxygen tank and emergency kit is to wheel the cylinder and place the emergency kit within reach of the cubicle in which the emergency is occurring.
 - e. Patient treatment in other cubicles should be continued unless otherwise instructed by clinical faculty.
3. Perform in proper order the procedures for maintenance of vital functions:
 - a. Airway
 - b. Breathing
 - c. Circulation

4. Summon additional assistance as determined by a faculty member.

To summon outside aid follow procedures for Emergency Medical Service. The clinical receptionist is to use the following procedure, which is posted, in the receptionist's office:

IF THE EMS (EMERGENCY MEDICAL SERVICE) IS TO BE ACTIVATED:

- a. Dial 9-911
- b. Conversation:

"THIS IS THE DENTAL HYGIENE CLINIC AT MISSOURI SOUTHERN DENTAL HYGIENE PROGRAM. WE HAVE A MEDICAL EMERGENCY. PLEASE SEND EMERGENCY MEDICAL SERVICES IMMEDIATELY."

- c. BRIEFLY DESCRIBE THE EMERGENCY (as indicated by faculty)
EXAMPLE: "POSSIBLE HEART ATTACK; AN AIRWAY OBSTRUCTION;
OR _____; CPR IS BEING ADMINISTERED TO
PATIENT."
- d. "WE ARE LOCATED ON CAMPUS IN THE HEALTH SCIENCE BUILDING
1st floor ON THE NORTH SIDE. THE CLINIC IS LOCATED DIRECTLY
ACROSS FROM THE MSSU FOOTBALL STADIUM (off of Duquesne Street).
- e. "OUR PHONE NUMBER IS 625-9711."
- f. **DO NOT HANG UP THE PHONE, WAIT FOR THE EMS TO HANG UP
FIRST, THEY MAY WANT TO ASK QUESTIONS.**

INSTRUCT A DENTAL HYGIENE STUDENT TO WAIT OUTSIDE OF THE
BUILDING AT THE END OF THE SERVICE DRIVE TO DIRECT EMERGENCY
MEDICAL TECHNICIANS TO THE CLINIC.

MSSU POLICE DEPARTMENT WILL BE MONITORING ALL 911 CALLS. IF THEY
NEED TO BE CONTACTED, THE NUMBER IS 9391 or 2222.