

King Khalid University , College of dentistry (KKUCOD) **Medical Emergency Protocol Summary**

Emergency medical problems can occur at any place and any time in the Dental building.

Whoever discovers the emergency situation is called the **PROVIDER** and should do the following:

- [A] Assume charge of the situation until relieved. You are responsible for managing the event until expert help arrives.
- [B] Be calm and don't panic.. If you lose control, you will be of no help to the victim.
- [C] Check and note the time. Record any major events that occur after the emergency starts. For example, if the person stops breathing, loses their pulse, passes out, etc.

Then, begin to assist the victim:

1. You, the ER **PROVIDER**, stay with the victim. A person in distress should never be left alone.
2. Get someone to help you. CALL OUT FOR HELP.
This assistant, called the **FIRST RESPONDER**, will be responsible for getting a medically qualified person (clinic instructor, oral surgery specialist/ resident, code team, equipment, etc. to assess and care for the victim).
3. Remove the victim from harm. like If bleeding, apply pressure to the site, If seizing, assist to the floor unless seated in a dental chair.
4. **FIRST RESPONDER STAYS AT THE EMERGENCY SITE AND DELEGATES THE FOLLOWING RESPONSIBILITIES:**
 - a. Call Oral Surgery and/or Code Blue Team.
 - b. Get the Code Cart/Crash Cart.
 - c. Get the Emergency Box from the Dispensary.
 - d. Contact the Clinical director.
 - e. Contact the Medical City at King Khalid University (KKUMC) by calling:
+966-17-2418068, if there is no response, contact the Administration Manager of KKUMC via calling: +966535015834

- f.** If there is no response from KKUMC, Call **997** and inform them that you are calling from the Dental School, and indicate the floor number.
- g.** Send someone to wait at the front and back elevators to guide the Code team, Oral surgeon and medics to the patient.
- h.** Crowd control.

The on-call oral Surgery resident/specialist is contacted by calling: **8036/8035** via intercom or **+966-172-41-8035/+966-17-241-8036** via mobile phone and requesting the reception to contact the on-call oral surgeon. Be clear as to the location (floor and clinic number). The On-call Oral Surgery Resident/staff is generally present from 8:00 am to 5:00 pm.

Check for pulse at the wrist and/or the neck, watch the chest rise and fall to check for breathing. If the patient does not have a pulse or is not breathing, Code Blue should be called and you should initiate Cardiopulmonary Resuscitation (CPR).

The Code Blue (Crash) Cart: It is a blue-wheeled cart kept on each floor of the dental clinics.

Be sure to bring the green oxygen tank (kept near but separate from the Code Cart or attached to the Code Cart on some floors). Having the cart at hand will save valuable time when the expert help arrives.

Get the Emergency Box from the dispensary. It contains the pediatric, regular, and large BP cuff, stethoscope, ammonia, and liquid sugar. Use the contents to assist the Provider.

Persons at the front and back elevators will direct the Oral Surgery Team and the Code Blue Team, respectively, to the emergency site.

Keep the area clear. Emergencies attract crowds. Crowds interfere with those trying to help the victim. Order all of those not actively helping the victim to stand back.

For all emergencies: An incident report must be filed at the Office of Clinical Director.

If the victim is a patient, a proper documentation should be entered in the patient's file.

Patient follow-up and outcomes of the emergency are conducted by the Clinical Director. Feedback is given to the individuals involved, if the emergency was not handled appropriately.

***Note:** *If there is a failure in providing the emergency care based on this protocol, there will be an administrative action and possible legal consequences.*

Medical Emergencies Summary

If the patient is spontaneously breathing and is maintaining a pulse and blood pressure:

- 1.** Call Oral Surgery.
- 2.** State: “There is a medical emergency on the floor (number), Clinic (number).”
- 3.** Notify the reception desk, assistants, and faculty of your location.
- 4.** Station someone by the front and back elevators to direct the emergency teams to the emergency area.
- 5.** The oxygen delivery system, stethoscope, and sphygmomanometer should be available at the operatory.

OR

If the patient is not breathing and not maintaining a blood pressure:

- 1.** Start CPR. Designate an assistant (First Responder).
- 2.** Activate the KKUCOD ER Service immediately, Call KKUMC (if there is no response, Call 997 for ambulance). Alert Oral Surgery.
- 3.** State: “Code Blue, there is an emergency on the floor (number), Clinic (number), Adult/Pediatric patient”. The Team will be directed to the site by a person stationed at the front/back door or elevator as appropriate.
- 4.** Keep your phone clear- the Code operator in the hospital may call back to confirm the location, and also check on the arrival of the team within one minute of your first call.
- 5.** Call Campus Security to assist in crowd control and direct the ambulance from the gate.