DRONETHUSIAST

HOW DRONES MIGHT SAVE YOUR LIFE IN THE FUTURE

Drones are being used commonly now to deliver goods from online markets, cruising long flights for surveillance purposes, and even assisting with spraying crops with chemicals. They operate much faster than the standard user-driven vehicle and can easily avoid any traffic or delay since they zip through the sky. With all this taken into consideration, it's no surprise that a drone may be used to save your life in the near future.

Universities are now developing the concept of outfitting a drone that can assist in an emergency. For instance, if a person was involved in an automobile accident, the drone could be dispatched directly to the scene and would arrive an estimated time of 16 minutes before an ambulance would. The drone would have the ability to give bystanders instructions by connecting them directly to a doctor, making those crucial moments after the accident filled with saving methods versus a wait time.

Another concept that is being considered is to attach a defibrillator to the drone. These are used for people that experience cardiac arrest. Again, instructions would be given to a bystander and the defibrillator can be used to potentially restart the heart back to normal rhythm and save the life of the person that fell ill. By getting this emergency service to people faster, it would decrease the time spent without oxygen reaching the brain and therefore speed up recovery times for those affected.

In the case of a mass emergency, such as a shooting tragedy or anything that would leave several people in need of wounds being dressed, the drone would be outfitted with a plethora of medical equipment and wound dressings. People able

to assist the injured would have quick access to supplies that could stop bleeding and prevent infection in the case of major wounds. Since the drone would be in addition to emergency services that are called, minor injuries would require less attention from personnel and allow more attention to be focused on the seriously injured.

The designers and various universities are coming up with kits that can be used for different situations. The kit used on the drone would depend on the medical need. For instance, if it was a venomous bite, the drone would have bandages and antivenom ready to be administered to the victim. If there is an injury in a rural farm area, the drone would be able to get there faster than any user-driven vehicle and would be equipped with a standard medical kit that could stop bleeding and dress wounds.

There will be a lot more research conducted before you can expect to see these medical drones flying through the air, but they will be released for use in the near future. The first moments after an accident or injury are critical for the victim. With the drone proving a faster arrival time than an ambulance in all tests so far, these drones will save lives and decrease recovery times for the injured.