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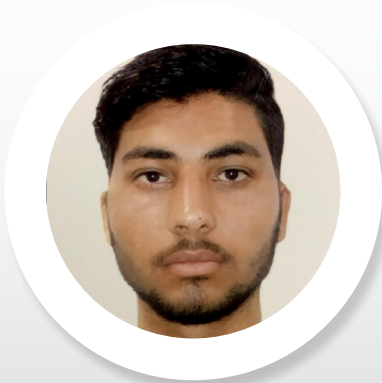
Cardio pulmonary resuscitation

Resuscitation includes all measures that are applied to revive patients who have stopped breathing suddenly and unexpectedly due to either respiratory or cardiac failure. Cardiac arrest is one of the common causes of cardio respiratory failure. Cardiac arrest refers to a sudden state of apnoea and circulatory failure. Cardiac arrest is synonymous with the term sudden death it means that the victim's heartbeat, circulation of blood and respiration has suddenly and unexpectedly stopped. Prompt action is vitally important for the success of cardio pulmonary resuscitation. When a person stops breathing spontaneously, his heart also stops beating. Clinical death has occurred within four to six minutes, the cells of the brain, which are sensitive to the paucity of oxygen, begin to deteriorate. If the oxygen supply is not restored, the patient suffers irreversible brain damage and biological death occurs. Only the victim of sudden death are generally resuscitated e.g.; a young healthy electrician, who suddenly receives a powerful jolt of electric current while working on a machine will undoubtedly suffer both cardiac and respiratory arrest. This person is a candidate for immediate resuscitation measures. On the other hand, an elderly person who dies from cancer does not experience a cardiac arrest. When this patient's heart ceases beating, death comes as a natural event for which the patient and the family are prepared. Therefore this patient is not a candidate for cardio pulmonary resuscitation measures.

Biography

Vinkal Kumar is a graduate of D.A.V University of Jalandhar where he also attended his undergraduate studies. He trained at D.A.V University Medical Centre in Jalandhar. He focused on the patient treatment and reevaluated several method of therapy management dependent on cardiac type tailored to a patient's individual patient history and efficiency of previous treatment. He has been practicing in the Department of Cardiologist. Currently, he holds certificate from the Punjab Board of Internal Medicine for Internal Medicine, Cardiology.

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