



Ipro 319

Assisting Cardiac Arrest Patients

Objective:

To minimize the damage caused to victims by cardiac arrest through the development of devices specifically aimed at lowering mortality rate.

Goals Accomplished:

- Continued development of a jacket designed to cool a patient rapidly
 - Research and experimented on various cooling methods suitable for use on patients.
 - Initial research into various other methods for assisting patients such as a shaking table
- Development of a controlled restricted oxygen breathing mask
 - To help prevent brain damage caused by a rush of oxygen to the brain.
 - Ability to control how much oxygen a patient will receive after resuscitation
 - Initial prototype assembled and functioning
- **Future work:**
 - Continue development of working prototypes
 - Extend research into various other methods used to help patients including shaking.