

AEDs



Automated External Defibrillation

- Appr 250,000 Americans die ea year from coronary heart disease
- More than 70% of out-of-hospital cardiac arrest patients have V-fib.
 - Rapid, disorganized, and ineffective vibration of the heart
 - Electric shock can defibrillate.

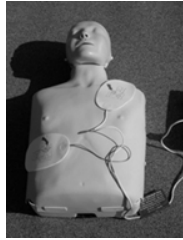
Procedures

- Confirm cardiac arrest – check ABC
- IF cardiac arrest was not witnessed – perform 5 cycles of CPR before using the AED
- IF



- Apply pads to chest (once pads have been applied – do not touch pt)
- Turn on AED
- Let AED analyze for a shockable rhythm (push button)
- Clear the pt

- If shock is not warranted
 - Recheck the pulse
 - none resume CPR



Precautions

- Do not
 - Use alcohol to clean chest
 - Use in moving vehicle
 - Use in water
 - Use on metal surfaces
 - Use on an infant

Precautions continued

- Do not use

