Many options but they all work the same
Basic AED info

• Turn it on
• Find the pads and attach them to patient’s bare chest
• Listen to the AED as it will instruct you on everything else
Basic maintenance of AEDs

- Best to find one person or a small group to maintain the AEDs
- These people should know the AED
  - read the owner’s manual
  - know the status indicators of the AED
  - perform the basic maintenance the manufacturer recommends
The Most Common Mistake

• Confusing the battery shelf life with the expiration date
• Several AED batteries come with a date printed on the battery -- in most cases this is the shelf life of the battery
  - The maker of the battery says that they battery can sit on the shelf, not in the AED, until this date and still have its full charge
• How to avoid the confusion
  - Write on the battery, the date you installed it or its expected expiration date
Updates on AEDs

• HeartSine

• Had a recall on their PAD 300/300P Pad
  - This was to fix 2 issues, the first was the AED turning on/off on its own and second was a software issue that made the AED think it had no battery charge and turn off in the middle of use

• Not all serial numbers are affected
  - [www.heartsine.com](http://www.heartsine.com) will allow you to check your serial number
  - Or call 1-877-877-0147
Updates on AEDs

• Physio CR+

• In February 2013 a device correction notice was sent out regarding the premature battery depletion of some units.

• There is no fix for this problem other than replacing the battery in the device earlier than expected or the complete replacement of the device as this is an indication that the internal battery is not holding a charge as long as it should.

• Not all serial numbers are affected
  - call 1-800-442-1142 to check if your serial number is affected.
Updates on AEDs

• Physio LP500
• Tech support including replacement parts for these AEDs will be discontinued in January of 2015
• This AED is considered end of life and the only options are to
  - buy a battery before 2015 to extend the life of the AED an additional 4 years and then replace the whole unit
  - replace the AED now.
• Some trade in credit may be available depending on the new AED you choose to get
Updates on AEDs

• Philips FRx and Onsite
• A clarification of information in the owner’s manual was sent to all FRx and Onsite AED owner’s
• The explanation regarded the sound of chirps that the AED can make and what they indicate
• More information can be found at
  - [www.philips.com/HeartStartMaintenanceAdvisory](http://www.philips.com/HeartStartMaintenanceAdvisory)
  - Call 1800-263-3342 option 6
Updates on AEDs

• Philips FR2
• The line of HeartStart FR2+ AEDs will end shipment December 31, 2013
• Warranty period and production of compatible pads and batteries will supported through December 31, 2018
• After this date the device will be end of life and need to be replaced once the battery or pads become expired
Updates on AEDs

- Cardiac Science
- Cardiac Science experienced a change in supplier/manufacturer of their products earlier this year
- This lead to a disruption in production of products
- As of now they are still experiencing extended lead times to get products shipped out
  - This can be up to 10 to 12 weeks
- It is suggested to call before ordering products to find out what lead time are
- Also be aware that some venders increased their prices with the increased demands and limited products
AED Laws

- They vary from state to state
- It has been about 20 years since AHA encouraged AEDs to be publicly available so this means that many AEDs laws are still in flux
- There are 6 Federal Laws around AEDs and Good Samaritan protection
  - 3 of these laws are for grants
  - 1 law is the Federal Good Samaritan Law
  - 2 laws are for required placement of AEDs
    - No laws around maintenance
Categories Laws Tend to Fall Into

- Good Samaritan Laws
- Ownership Regulations
- Training Requirements
- Mandatory Installation
- AED Funding
What Laws Do We Have?

• In Minnesota
  - Good Samaritan protection
  - Child Care Providers must have child CPR training
  - CPR in Schools requirement

• In Wisconsin
  - Good Samaritan protection
  - Requirement of a prescription to purchase, EMS notification after purchase, and maintenance requirements
  - High Schools must offer CPR and AED training
  - All Child Care Centers must have CPR training and have an AED on site
Why Do We Need a Maintenance Requirement?

• The number one cause of AED failure is a battery not being up to date
• AEDs go years between needing required maintenance and it can be easy to forget about them
• Some do not have audible notification to let owner know that they are in need of maintenance
What We are Doing in Minnesota

• A bill was introduced last year, 403.15, that would require AED registration

• The Registration could be with any AED Registry that also offers some type of maintenance plan
  - This maintenance plan could be free or for a few but would at a minimum give the AED owner notification of expiring AED electrodes and batteries.
Minnesota AED Registry

• If a Dispatch Center using AED Link receives a 911 call for a cardiac arrest AED Link automatic searches for the nearest AED

• Any AED owner can enter the information about their AED for FREE
  - Its location and hours of operation
  - Current expirations dates of equipment
  - Who the inspector and responders are
Minnesota.nationalAEDregistry.com