

AED PRACTICE SCENARIOS

Scenarios are described on pp. 6-9 of the booklet.

RED CD

Scenarios for lay responders

- 1 Adult, 1 shock - witnessed (3:43)
- 2 Adult, 1 shock/no shock - witnessed (6:49)
- 3 Adult, 1 shock - obstructed airway (5:03)
- 4 Adult, no shock (3:57)
- 5 IDEAL SIMULATION CHALLENGE (6:36)
for lay responders (see booklet p.6)
- 6 Adult, 1 shock - medication patch (4:21)
- 7 Adult, 1 shock - water (4:30)
- 8 Adult, 1 shock - hair on chest (4:54)
- 9 Adult, 1 shock - implanted medical device (4:23)
- 10 Adult, 1 shock - AED w/ manual analyze (6:54)
- 11 Adult, 1 shock - Fully automated AED (4:05)
- 12 AED prompts only: 1 shock (3:47)

GREY CD

Scenarios for healthcare providers

- 1 Adult, 1 shock - witnessed (6:32)
- 2 Adult, 1 shock - unwitnessed (6:07)
- 3 ARC Pediatric/child, 2 rescuers - unwitn. (7:05)
- 4 AHA Pediatric/child, 2 rescuers - witnessed (6:28)
- 5 Adult, 1 shock - unwitn., rescue breathing (6:06)
- 6 AED prompts only: 1 shock (3:47)
- 7 Instructor tips (2:50)



CPR & AED TRAINING SYSTEM 2010

The practice scenarios on these CDs are produced in accordance with the 2010 American Heart Association Guidelines for CPR and ECC.

Many thanks to Jef Walker, Karl Gaffney, John Figel and Don Mountz for their expertise and assistance in the preparation of this material.

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imagination at work



Maximum AED practice

Welcome to the ACTAR AED TRAINING SYSTEM. The System enables students to practice basic AED scenarios following a single set of AED voice prompts from your CD player. This **maximizes hands-on practice and reduces class time**. Instructors will appreciate the benefits of overseeing the students as they perform the scenarios together. (CD player is not included)

This booklet describes important information about the ACTAR AED TRAINING SYSTEM. Please review this carefully and allow yourself a couple of classes to become familiar with the many benefits the System has to offer. We know you'll be pleased with the results.

AED TRAINING SYSTEM OVERVIEW

1 AED TRAINER (set of 5 or 10)

Each trainer includes 3 buttons that simulate 'on/off' (green), 'analyze' (yellow) and 'shock' (red), and a socket for the electrode cable. Units stack for efficient storage.

2 TRAINING ELECTRODES

Package includes 25 pairs of training electrodes. Each pair includes a nitro patch (simulation) for use with scenario 6 (Grey CD track 6). The training electrodes will not work on an actual AED. 100% recyclable.

3 ELECTRODE CABLE AND CONNECTORS (set of 5 or 10)

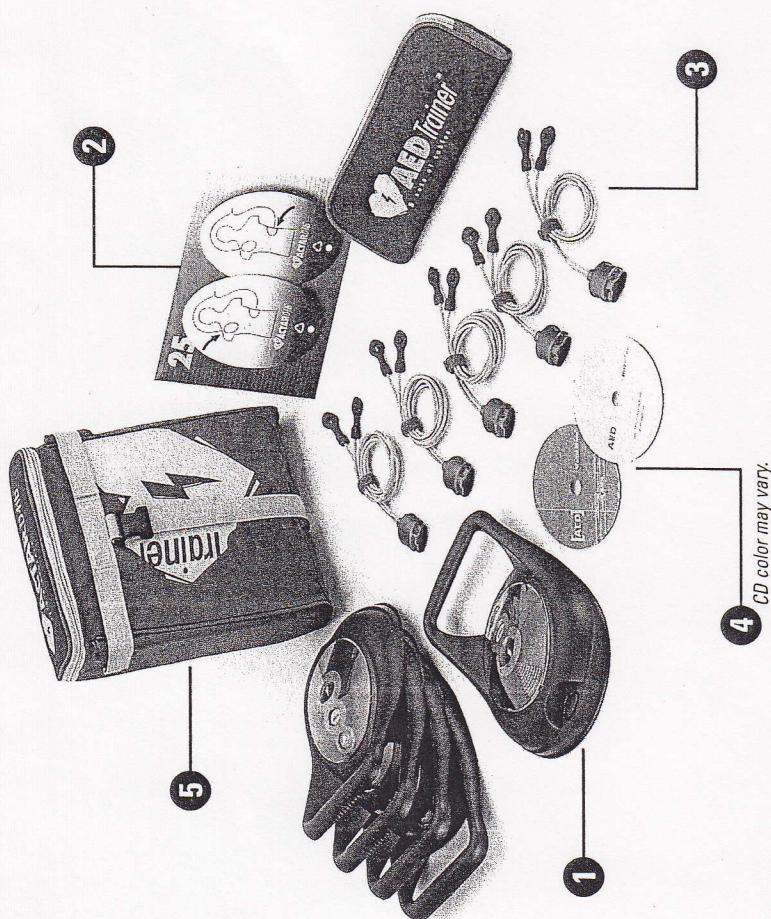
Each cable includes 2 connectors that snap securely to the electrode pads and a plug that connects into the AED trainer. Velcro ties and zippered pouch are provided for tidy storage.

4 2 AUDIO CDs - AED training scenarios

The two CDs include a variety of scenarios for lay responders and healthcare providers, in accordance with the 2010 AHA Guidelines for CPR and ECC. See pages 6-9 for a complete description.

5 PADDED CASE (for 5 or 10 AED trainers)

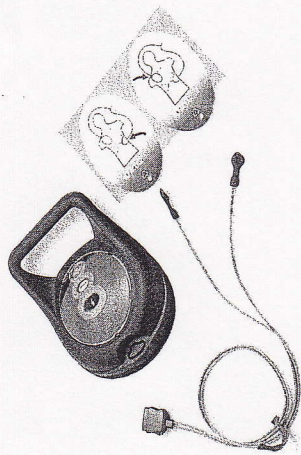
Stores your system components in a protective case. Attaches to the ACTAR D-fib Compact 10 and Compact 5 carry cases. See page 11 for installation instructions.



Before the class

- 1 Place one set of cables and one pair of training electrodes with each AED Trainer as shown. (One per student)

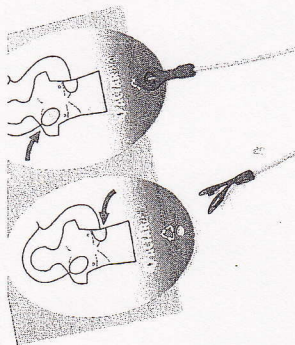
Undo the velcro tie and uncoil the cable.



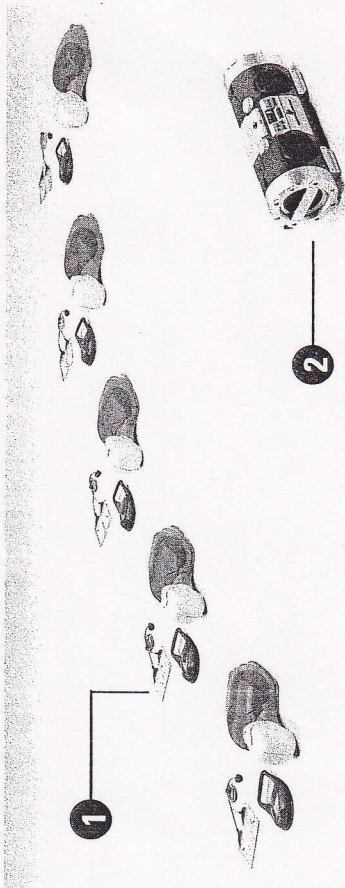
- 2 Attach the cable connectors to the training electrodes. The connectors snap into the small hole at the bottom of the pad.

Do not over bend the snap connector.

Important note:
GREY CD Track 7 provides useful tips for instructors. Please review before using the System.



Recommended set-up for optimum practice



- 1 Position the manikins, AED trainers and training electrodes (with cables attached) in a semi-circle with enough space for each student.
- 2 Place your CD player in the center of the semi-circle so students can hear the scenarios clearly.
- 3 Students should be familiar with the basic steps of CPR and AED before scenario practice.
- 4 Do as many scenarios as time permits. Skill proficiency and confidence will increase with each one. During a scenario you'll be free to provide assistance where needed.
- 5 After each scenario, take a moment to allow for questions, so students can deepen their knowledge.

NOTE: The Actar AED Training System can be tailored to your teaching style. You can even use the voice prompts on Track 6 (GREY CD) or those from a conventional AED Trainer and call your own scenario, while students perform the sequence on their manikin and Actar AED Trainer.

Practice scenarios

Students should be familiar with the basic steps of CPR and AED before scenario practice. Do as many scenarios as time permits. Skill proficiency and confidence will increase each time.

RED CD

SCENARIOS FOR LAY RESPONDERS

- 1 Witnessed arrest – Adult 1 shock (3:43)
No signs of life, AED arrives during CPR, 1 shock, CPR, signs of life
- 2 Witnessed arrest – Adult, 1 shock (6:49)
No signs of life, AED arrives during CPR, 1 shock, CPR, no shock, CPR, signs of life.
- 3 Witnessed arrest – Unconscious choking adult, no shock. (5:03)
No signs of life, CPR, **obstructed airway**, AED arrives during CPR, no shock, CPR, signs of life.
- 4 Witnessed arrest – Adult, no shock. (3:57)
No signs of life, AED arrives during CPR, no shock, CPR, signs of life.
- 5 IDEAL SIMULATION CHALLENGE for Lay Responders (6:36)
Witnessed arrest – Adult, 1 shock: No signs of life, AED arrives during CPR, 1 shock, CPR, no shock, CPR, EMS arrives.
This scenario involves a response to a large scale building, such as a school, industrial plant or high-rise building where many people could be put in helpful roles to shorten the delay in getting advanced medical care to the patient's side. In addition to lay responders calling for help, beginning CPR, getting and using an AED, instructions are given for someone to meet the responding vehicle, another to hold an elevator, another to lead EMS personnel directly to the patient's location.

SCENARIOS FOR LAY RESPONDERS INVOLVING SPECIAL SITUATIONS

- 6 Witnessed arrest – Adult, 1 shock. (4:21)
Medication patch on chest (use the mock patch provided with the Aclar electrode pads): No signs of life, AED arrives during CPR, 1 shock, CPR, signs of life.
- 7 Witnessed arrest – Adult, 1 shock. (4:30)
Victim in puddle of water: No signs of life, AED arrives during CPR, 1 shock, CPR, signs of life.
- 8 Witnessed arrest – Adult, 1 shock. (4:54)
Excessive hair on chest + poor pad connection: No signs of life, AED arrives during CPR, 1 shock, CPR, signs of life.
- 9 Witnessed arrest – Adult, 1 shock. (4:23)
Victim has an **implanted medical device**: No signs of life, AED arrives during CPR, 1 shock, CPR, signs of life.

SCENARIOS INVOLVING DIFFERENT AED TYPES

- 10 AED with 'Manual Analyze'; Witnessed arrest – Adult, 1 shock. (6:54)
No signs of life, AED arrives during CPR, 1 shock, CPR, no shock, CPR, signs of life.
- 11 Fully automated AED; Witnessed arrest – Adult, 1 shock. (4:05)
No signs of life, AED arrives during CPR, 1 shock, CPR, signs of life.
- 12 AED prompts only – 1 shock sequence. (3:47)
Apply pads to chest, 1 shock, CPR (2 minutes), no shock, CPR.

Practice scenarios (cont'd)

GREY CD

AED SCENARIOS FOR HEALTHCARE PROVIDERS

- 1 Witnessed arrest – Adult, 1 shock. (6:32)
2 trained healthcare providers: No signs of life, pulse check, AED arrives during CPR, 1 shock, CPR, 1 shock, CPR, medical help arrives at scene.
- 2 Unwitnessed arrest – Adult, 1 shock. (6:07)
2 trained healthcare providers: No signs of life, pulse check, AED arrives during CPR, 1 shock, CPR, no shock, CPR, signs of life, pulse check.
- 3 Unwitnessed arrest – **American Red Cross - Pediatric/child**, 1 shock. (7:05)
2 trained healthcare providers - 2nd provider gets AED: No signs of life, pulse check, CPR (30:2), 1 shock, CPR (30:2), no shock, CPR, signs of life, pulse check.
- 4 Witnessed arrest – **AHA - Pediatric/child**, 1 shock. (6:28)
2 trained healthcare providers giving CPR @ 15:2: No signs of life, pulse check, CPR (15:2), 1 shock, CPR (15:2), no shock, CPR (15:2), signs of life, pulse check.

AED SCENARIOS FOR HEALTHCARE PROVIDERS

- 5 Unwitnessed arrest – Adult, rescue breathing, 1 shock. (6:06)
2 trained healthcare providers: No signs of life, pulse check, rescue breathing (2 minutes), pulse check, CPR, no shock, CPR, signs of life, pulse check.
- 6 AED prompts only – 1 shock sequence. (3:47)
Apply pads to chest, 1 shock, CPR (2 minutes), no shock, CPR.
- 7 Instructor tips (2:50)
(Please review before using the System)

The instruction to **'Bare the Chest'** may occur at a different time than what your organization teaches. If so, simply call out the instruction at the appropriate time during the scenario.

After the class

- 1 Gently remove each snap connector from the training electrodes. **Do not pull on the cables.** If the training electrodes can be reused, place them on the backing paper and store them in the envelope. Otherwise they can be recycled.
- 2 Unplug the cables from the trainers and coil the cables as shown using the velcro tie. **Do not pull on the cables.** Return cables to the zippered pouch.
- 3 Place the AED trainers, cable pouch, training electrode envelope and audio CDs in the padded case.



Hands-free transport

The ACTAR AED TRAINER attaches to the ACTAR D-fib COMPACT 5 or ACTAR D-fib COMPACT 10.

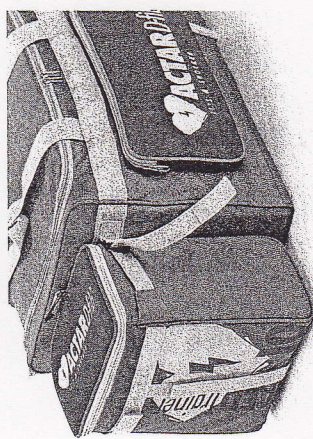
AED TRAINER 5

Thread the three velcro straps through the corresponding plastic loops on the front of the ACTAR D-fib COMPACT 5. Secure the velcro straps to the padded case.



AED TRAINER 10

Thread the three velcro straps through the corresponding plastic loops on the end of the ACTAR D-fib COMPACT 10. Secure the velcro straps to the padded case.



(The AED TRAINER 5 attaches to the COMPACT 10 as well)