

2011/12



MEDICAL & SCIENCE MEDIA

Accident & Emergency SOFTWARE

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<http://www.msmedia.com.au/emergency-software.php>

[Cat #: AN-1](#)**ACLS Simulator – Wins & Mac**

- 16 Simulated Cases covers all ACLS guidelines
- Ventricular fibrillation and pulseless V Tach
- Ventricular tachycardia - unstable and stable
- Asystole
- Pulseless electrical activity
- Tachycardias and Bradycardias
- Instructors can write their own scenarios

**The ACLS Simulator 2011 incorporates two modules:**

Rhythm Simulator: Improves your ECG rhythm recognition skills, and the
ACLS Simulator: Enables you and your staff to rehearse megacode scenarios.

Easy to use real-time simulator:

- Assess the patient and interpret the ECG
- Control the airway, breathing and circulation
- Defibrillate/Cardiovert
- Administer cardiac medications

[Cat #: AN-2](#)**Anesthesia Simulator - Wins****Improve your response to anesthetic critical incidents**

The Anesthesia Simulator is a real-time graphical simulator that reproduces the anesthesia environment on a computer screen. It is the only computer program that can help you prepare for emergency situations in anesthesia.

The Anaesthesia Simulator includes dozens of scenarios such as myocardial ischemia, anaphylaxis and malignant hyperthermia. Mathematical models of physiology and pharmacology predict the simulated patient's response to your management while an automated record-keeping system summarizes the case and an on-line consultant provides immediate management suggestions.

The Anesthesia Simulator has 32 cases with general anesthetic problems, and cardiac, neuro, trauma, obstetric and pediatric cases and dozens of anesthetic emergencies.

- Air embolism
- Anaphylaxis
- Bronchospasm
- Carcinoid
- Diabetic ketoacidosis
- Hyperkalemia
- Intracranial hypertension
- Latex allergy
- Malignant Hyperthermia
- Pheochromocytoma
- Preeclampsia
- Venous air embolism

**Benefits:**

- Proven to improve performance
- Helps trainees recognize and treat critical incidents
- Practicing anesthesiologists can review rare events
- Prepare for board exams
- Instructors can write their own scenarios

Cat #: AN-3**Critical Care Simulator - Wins**

6 case scenarios:

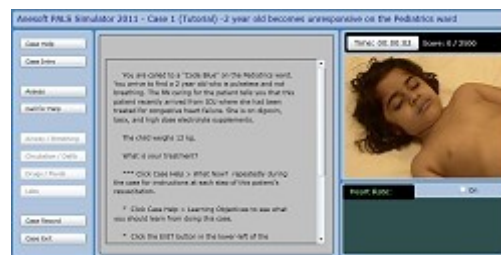
- Anaphylaxis
- Chest pain
- Diabetic Ketoacidosis
- Head Injury
- Trauma
- Septic Shock

**Benefits:**

- Real-time simulation
- Proven to improve performance
- Helps trainees recognize and treat critical incidents
- Use on your home or office computer
- Have fun while you rehearse management of simulated medical emergencies
- No special hardware requirements
- Instructors can write their own scenarios

Cat #: AN-8**PALS Simulator – Wins & Mac**

- 16 Simulated Cases cover all PALS guidelines
- Ventricular fibrillation and pulseless V Tach
- Ventricular tachycardia - unstable, stable
- Asystole
- Pulseless electrical activity
- Tachycardias and Bradycardia
- Includes PEARS scenarios - Pediatric Evaluation and Resuscitation
- Instructors can write their own scenarios
- SCORM and AICC-compliant: ideal for institutional learning management systems

**Includes two training modules:**

- Rhythm Simulator - improves your ECG rhythm recognition skills
- PALS Simulator - enables you and your staff to rehearse pediatric megacode scenarios

Easy to use real-time simulator:

- Assess the patient and interpret the ECG
- Control the airway, breathing and circulation
- Defibrillate/Cardiovert
- Administer meds used in the PALS algorithms

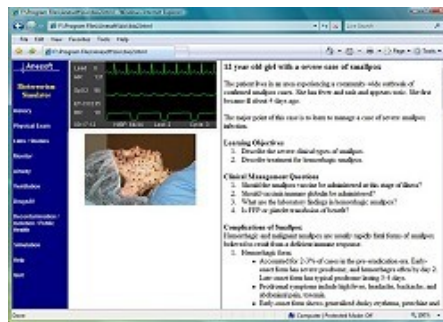
[Cat #: AN-11](#)**Bioterrorism Simulator – Wins & Mac****Improve your management of patients exposed to biological or chemical agents**

24 patient exposure scenarios, including: Anthrax, Botulism, Ebola, Plague, Smallpox, Nerve agents, Toxic agents and vesicants.

- Useful for physicians, nurses and first-responders
- Designed in conjunction with infectious disease and military experts
- Demonstrate proficiency for Joint Commission
- Earn up to 12 AMA PRA Category 2 CME credits

Easy to use real-time simulator

- Recognize the signs and symptoms of each exposure.
- Order appropriate isolation and decontamination
- Order and interpret the appropriate lab studies
- Manage the patient's cardiopulmonary status
- Order appropriate medications

[Cat #: MS-2](#)**Cardiac Arrest! - Wins**

Based on the latest American Heart Association® ACLS Guidelines. Exciting live-action video teaches actions for tough clinical problems like hypocalcemia, hyperkalemia, hypothermia, Kawasaki disease, and more. Current to the latest ACLS guidelines, Cardiac Arrest! sharpens Advanced Cardiac Life Support (ACLS) skills in an exciting and realistic ER simulation.



You call the shots. You have at your disposal a highly trained team, but they await your orders. Whether the patient can be revived depends entirely on your efforts. The patient's history is presented, and your resuscitation efforts begin. You read the live ECG, interpret the vital signs and lab data, and give treatment orders. Just click on common intervention buttons, or type your orders in plain English. Cardiac Arrest! provides drug information, an on-line text book and algorithm flowcharts for assistance if you need it.

Featuring 45 patients (30 adult & 15 PALS). Perfect ACLS re-certification preparation. Combine with Code Team! for the ultimate ACLS training.

Systems Requirements: Windows® operating system. Compatible with Windows 7, Vista, XP.

[Cat #: MS-4](#)**Code Team!** - Wins

Re-certifying for ACLS? No problem. Code Team! is current to the latest American Heart Association® ACLS guidelines and features 3 modules for complete certification preparation:

Cardio Quiz – ten self-teaching tutorials mixed with quiz questions prepare you for the written ACLS certification test. Covers airway management, IV techniques, cardiac drugs, case management priorities, Basic Life Support review, and more.



EKG Teaching – Live EKG with sound, stimulating tutorials and quizzes teach 3-lead rhythm strip interpretation. Covers normal and abnormal ECG parts and rhythms, with pathology pattern and recognition such as hypercalcemia, hyperkalemia, and hypothermia.

ACLS Protocols – features multiple interactive simulations that teach application of the AHA's arrhythmia treatment algorithms to clinical situations. Among the protocols practiced are asystole, brachycardia with and without pulse, V-tach with and without pulse, V-fib, PAT, endotracheal drugs, and acidosis therapy. Perfect preparation for the dreaded MEGACODE portion of the ACLS certification.

Systems Requirements: PC with 300 megahertz (MHz) or higher processor clock speed, 128 megabytes (MB) of RAM or higher, 5 MB Hard Disk Space, Super VGA (800 × 600) or higher resolution video adapter and monitor, CD-ROM or DVD drive, Keyboard, Mouse.

Windows® operating system. Compatible with Windows 7, Vista, XP.

[Cat #: MS-6](#)**Trauma One!** - Wins

The real world is not the place to practice advanced trauma management. Instead, use this ruthless simulator to develop a rock-solid approach to trauma stabilization and workup. Trauma One! presents a trauma victim and you begin management. Undertake stabilization measures, obtain historical and physical exam information, order tests, and perform procedures on your patient. See the interventions in the "trauma room" on your computer screen.



With 36 critical patients, Trauma One! solidifies your approach to the trauma victim. It teaches therapeutic priorities, threshold for action, and completeness of workup. With a complete trauma-management manual, Trauma One! is the best way to learn solid trauma management.

Systems Requirements: PC with 300 megahertz (MHz) or higher processor clock speed, 128 megabytes (MB) of RAM or higher, 5 MB Hard Disk Space, Super VGA (800 × 600) or higher resolution video adapter and monitor, CD-ROM or DVD drive, Keyboard, Mouse.

Windows® operating system. Compatible with Windows 7, Vista, XP.

[Cat #: MS-9](#)**ACLS Teaching Series - Wins**

ACLS Teaching Series - This package includes Cardiac Arrest! and Code Team! This package is very popular with teaching institutions and hospitals, but it's a great deal for anyone who needs to learn ACLS! Updated frequently, and always current to the latest ACLS guidelines.



Systems Requirements: PC with 300 megahertz (MHz) or higher processor clock speed, 128 megabytes (MB) of RAM or higher, 2.3 Gigabytes (GB) available hard disk space, Super VGA (800 × 600) or higher resolution video adapter and monitor, CD-ROM or DVD drive, Keyboard, Mouse.

Windows® operating system. Compatible with Windows 7, Vista, XP.

[Cat #: MS-8](#)**EmergiMed - Wins**

Featuring all six of our award winning software programs in one great package! Receive the latest versions of:

Cardiac Arrest!
 Code Team!
 Trauma One!
 Chest Pain Simulator
 MicroEKG
 Blood Gases

This package covers many of the most important skills needed during a medical emergency. Includes teaching programs and simulations for ACLS, PALS, ATLS, 3 and 12-lead EKG interpretation, chest pain diagnosis, blood gas analysis, and more. The EmergiMed Suite is current to the 2006 ACLS guidelines.



Systems Requirements: PC with 300 megahertz (MHz) or higher processor clock speed, 128 megabytes (MB) of RAM or higher, 2.3 Gigabytes (GB) available hard disk space, Super VGA (800 × 600) or higher resolution video adapter and monitor, CD-ROM or DVD drive, Keyboard, Mouse.

Windows® operating system. Compatible with Windows 7, Vista, XP.

[Cat #: CH-34](#)**Challenger EM Psych - Wins**

Challenger EM Psych is intended for all physicians, emergent and primary care providers, and specialists, who require information about psychiatric practices and the management of behavioral disturbances in emergent care settings.

Your Clinical Content Comprehensive Resource Challenger EM Psych consists of state-of-the-art clinical information in 13 chapters examining 47 real-life cases in acute psychiatric and behavioral care. You will appreciate the cutting-edge clinical text and over 300 interactive questions and answers with instant remediation feedback.

Table of Contents:

- Scope of Clinical Decision-Making within Acute Care
- Best Practices in Acute Clinical Care
- CISD: The Psychiatric Response to Disaster Survivors
- Basic Legal Matters
- The Tarasoff Decision and the Practicing Psychiatrist
- Time-Determined Clinical Decision-Making
- Working Smart
- Triage of Altered Mental States and Destructive Behaviors
- The Epidemiology of Violence
- Screening for Police and Security Matters
- The Psychiatric Examination
- The Mental Status Examination
- Assessment of Impulse Control



System Requirements: Windows 2000 sp4+, XP sp1+ (Home, Professional or MCE) or Vista (Home Basic/Premium, Business or Ultimate) (Windows 2000 or XP sp2 preferred). Pentium III - 1GHz or faster, 24X CD-ROM drive or faster, Video Card and Monitor capable of at least 1024x768 resolution; Sound Card and Speakers, Microsoft Mouse or compatible pointing device. Windows 2000 sp4+, or Windows XP sp1+ (Home/Prof/MCE): 512MB or greater, Windows Vista (Home Basic/Premium, Business, or Ultimate): 1GB or greater. Run from CD-ROM: 1MB with CD-ROM, Full Installation: Amount varies with each product. Microsoft Internet Explorer 6.x or Internet Explorer 7.x, Netscape Navigator 7.x or later, Mozilla Firefox 1.x or later. Sun Java2 (JRE) 1.4.2_07 - 1.4.2_16. Internet Access with a 56K modem or faster (DSL, Cable, Broadband, etc.). Macromedia Flash 6 player or later, A media player* with codecs for ".mp3" audio and ".mpg" MPEG1 video/audio.



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