

**July 12-15**

**Kissimmee, Florida**  
 1990 Clinical Conference on Prehospital Emergency Care (Clin-Con '90). Contact: Florida Chapter ACEP, 5824 S. Semoran Blvd., Orlando, FL 32822; 407/281-7396.

**July 13-15**

**Cat Island, Massachusetts**  
 Air-Sea Rescue Program. Contact: Air-Sea Rescue Program, P.O. Box 1233, Marblehead, MA 01945.

**July 15-20**

**College Station, Texas**  
 Texas A&M 7th Annual Hazardous Material Control School for Firefighters. Contact: Fire Protection Training Division, Texas Engineering Extension Service, The Texas A&M University System, College Station, TX 77843-8000; 409/845-7641.

**July 20-22**

**Kearney, Nebraska**

*Eleventh Annual Nebraska Statewide EMS Conference.* Contact: David Clark, Statewide EMS Conference, Box 461, Kearney, Nebraska 68848; 308/234-8491.

**July 19-21**

**Albuquerque, New Mexico**  
 10th Annual New Mexico EMS Conference - A Decade of Progress. Contact: Barak Wolff, Primary Care & EMS Bureau, Health Services Division, 1190 St. Francis Drive, Santa Fe, NM 87504-0968; 505/827-2509.

**July 29 - August 1**

**Virginia Beach, Virginia**  
 Cardiopulmonary Emergencies. Contact: Virginia Chapter, American College of Emergency Physicians, P.O. Box 130, Providence Forge, VA 23140; 804/966-5966.

**July 29 - August 3**

**College Station, Texas**  
 Texas A&M 28th Annual Industrial School for Firefighters. Contact: Fire Protection Training

Division, Texas Engineering Extension Service, the Texas A&M University System, College Station, Texas 77843-8000; 409/845-7641.

**August 1-5**

**Squaw Valley (Lake Tahoe), California**  
 Wilderness Medicine '90. Contact: Eugene Allred, MD, Wilderness '90, P.O. Box 321, Yreka, CA 96097; 916/842-4667.

**August 2-4**

**Breckenridge, Colorado**  
 Sixth Annual Colorado Trauma Symposium. Contact: Linda Metcalf, 777 Bannock St., Third Floor West, Denver, CO 80204-4507; (303) 893-6266.

**August 3-5**

**Logan Island, West Virginia**  
 16th Annual West Virginia State EMS and Firefighters Competition. Contact: West Virginia EMS Competition, 502 Spring St., Ripley, West Virginia 25271; 304/348-3965.

Benedum Pediatric Trauma Program • Children's Hospital of Pittsburgh  
 Center for Emergency Medicine of Western Pennsylvania  
 City of Pittsburgh • Department of Public Safety  
 University Trauma Center • Presbyterian-University Hospital of Pittsburgh  
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**P R E S E N T**

**INTERNATIONAL CONGRESS ON  
 EMERGENCY AND TRAUMA MEDICINE**

OCTOBER 18-20, 1990

**David L. Lawrence Convention Center/Vista International Hotel  
 Pittsburgh, Pennsylvania, U.S.A.**

<b>SPECIAL GUESTS:</b>	<b>TOPICS:</b>
Peter Baskett, M.D. England	Trauma Care: The First 24 Hours
Philippe Dabadie, M.D. France	Special Considerations in Rural Emergency Care
Sydney Salvatore, R.N. U.S.A.	Issues in Aeromedical Evacuation
Susan Budassi Sheehy, R.N. U.S.A.	Perspectives on Emergency Nursing
Ronald D. Stewart, M.D. Canada	Issues in Critical Care Medicine
Robert Wright, M.D. Australia	

**For more information contact:**  
**University of Pittsburgh  
 Center for Continuing Education  
 200 Meyran Avenue, First Floor  
 Pittsburgh, PA 15213  
 Telephone: (412) 624-1023  
 FAX: (412) 624-1713**

**COURSE DIRECTORS:**  
 Andrew B. Peitzman, M.D.  
 Don K. Nakayama, M.D.  
 Paul M. Paris, M.D.

**PROFESSIONAL CLASSIFIED**

**FELLOWSHIP**

**FLORIDA:** The EMS Foundation, in cooperation with the EMS Authority of Pinellas County, announces the second year's availability of four fellowship positions in the medical direction of EMS Systems. The Pinellas County EMS System is one of the nation's largest and most advanced, providing over 140,000 EMS responses per year to one million residents of Tampa Bay. The System enjoys unparalleled depth in resources and a commitment to excellence. A national faculty has been assembled to provide a unique, intensive experience for physicians with a career goal in the direction of EMS Systems. Opportunities exist for the field practice of medicine, provision of on-line and off-line medical direction, teaching, research, publication, system design, construction, financing, and management. For further information contact Joseph L. Ryan, M.D., Medical Director, EMS Foundation, 2190 S. Belcher Road, Largo, FL 34641; 813/530-9999, Ext. 41.

**Classified Rates:** Prepayment of an institutional purchase order must accompany all classified ads. Ads and payments must be received in writing by the issue(s) deadline date. These deadlines apply to insertions, cancellations and changes. Sixty words or fewer, \$55 per issue; \$2.00 for each additional word. To determine the cost of your ad, count phone numbers, zip codes and abbreviations as one word. For example, "619/328-4839," "90087," "MD" are each one word. *Line ads are not commissionable.* For deadline information or to place insertions, **contact:** Lisa Nicks, Classifieds Manager, c/o Jems Publishing Co., P.O. Box 1026, Solana Beach, CA 92075; 619/481-1128.

# LEARN HOW TO

- \* Prevent intersection & backing accidents
- \* Lower your Workers' Compensation costs
  - \* Control high turnover rates
  - \* Lower your operating costs

## 1990 TRAINING DATES AND LOCATIONS

### SAFETY MANAGEMENT

15 Students  
April 23-27 ..... Phoenix, AZ  
July 9-13 ..... Columbus, OH  
October 15-19 ..... Minneapolis, MN

### OPERATOR/DRIVER INSTRUCTOR

15 Students  
March 19-23 ..... San Diego, CA  
June 4-8 ..... Phoenix, AZ  
September 17-21 ..... Columbus, OH  
December 3-7 ..... Minneapolis, MN

### INTRODUCTION TO FIELD MANAGEMENT

25 Students  
March 8-10 ..... San Francisco, CA  
May 10-12 ..... Ontario, CA  
August 16-18 ..... Dallas, TX  
October 4-6 ..... Atlanta, GA

### ONE-DAY SAFETY UPDATES

Unlimited Enrollment  
February 24 ..... Fresno, CA  
April 14 ..... Atlanta, GA  
September 8 ..... Portland, OR  
November 16 ..... Louisville, KY

### ONE-DAY EMS HANDS ON FLEET MAINTENANCE

25 Students  
March 3 ..... Fremont, CA  
May 26 ..... San Diego, CA  
August 4 ..... Fort Worth, TX

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### August 11-16

**Des Moines, Iowa**  
*National Conference of Lieutenant Governors.* Contact: The National EMS Clearinghouse, Council of State Governments, P.O. Box 11910, Iron Works Pike, Lexington, KY 40578; 606/252-2291.

### August 18-22

**Orlando, Florida**  
*Exploring Excellence in the Future...IAFC '90.* Contact: International Association of Fire Chiefs, 1329 18th St., N.W., Washington, D.C. 20036-6516; 202/833-3420.

### August 21-25

**Niagara Falls, New York**  
*Firemen's Association of the State of New York 118th Annual Convention and Exhibit.* Contact: Niagara County Volunteer Firemen's Association Convention Committee Inc., P.O. Box 231, Sanborn, NY 14132-0231.

### August 24-26

**Boise, Idaho**  
*Idaho Emergency Medical Conference.* Contact: Idaho EMS System, 450 West State St., Boise, ID 83720; 208/334-5994.

### August 26-30

**Boston, Massachusetts**  
*56th APCO Annual Conference.* Contact: Associated Public-Safety Communications Officers, Inc., 100 DiVito Drive, New Smyrna Beach, FL 32168; 904/427-427-3461.

### September 7

**Beaumont, Texas**  
*"When Every Minute Counts..." an Emergency Care Update, the 5th Annual Rescue Seminar.* Contact: Air Rescue, Baptist Healthcare System, P.O. Drawer 1591, Beaumont, TX 77704; 409/839-5620.

### September 13-15

**Austin, Texas**  
*Texas EMS Conference '90.* Contact: Texas Department of Health, 1100 West 49th St., Austin, Texas 78756-3199; 512/458-7111.

### September 13-16

**Kansas City, Missouri**  
*1990 EMS Management Academy.* Contact: Fitch & Associates, 303 Marshall Road, Box 170, Platte City, MO 64079; 816/431-2600.

### September 14-16

**Toronto, Ontario**  
*1990 CPR Educational Symposium.* Contact: Emergency Cardiac Care Department, Heart and Stroke Foundation of Ontario, 477 Mount Pleasant Road, Toronto, Canada M4S 2L9.

### September 14-16

**Indianapolis, Indiana**  
*Indiana Conference on EMS.* Contact: James Gerard, State Office Building, Room 315, Indianapolis, IN 46204; 317/232-3980.

### September 15-16

**Okoboji, Iowa**  
*The University of Okoboji's 4th Annual EMS Conference.* Contact: Evan Bensley, Highway 71 South, Box AB, Spirit Lake, Iowa 51360; 712/336-1230.

### September 20-22

**Nashville, Tennessee**  
*The Fifth Annual Emergency Vehicle and Fleet Management Conference and Exposition.* Contact: The Conference Corporation/Jems Publishing Company Inc., P.O. Box 805, Solana Beach, CA 92075; 619/481-5267.

### September 21-23

**Little Rock, Arkansas**  
*EMS '90 - Arkansas EMT Association Annual Conference.* Contact: Jerry Simmons, Arkansas Fire Academy, P.O. Box 3499, Camden, AR 71701; 501/574-1521.

### September 22

**Nashville, Tennessee**  
*1990 National Flight Nurses Association Conference.* Contact: National Flight Nurses Association, P.O. Box 8222, Rapid City, SD 57709; 605/343-4464.

### September 22-27

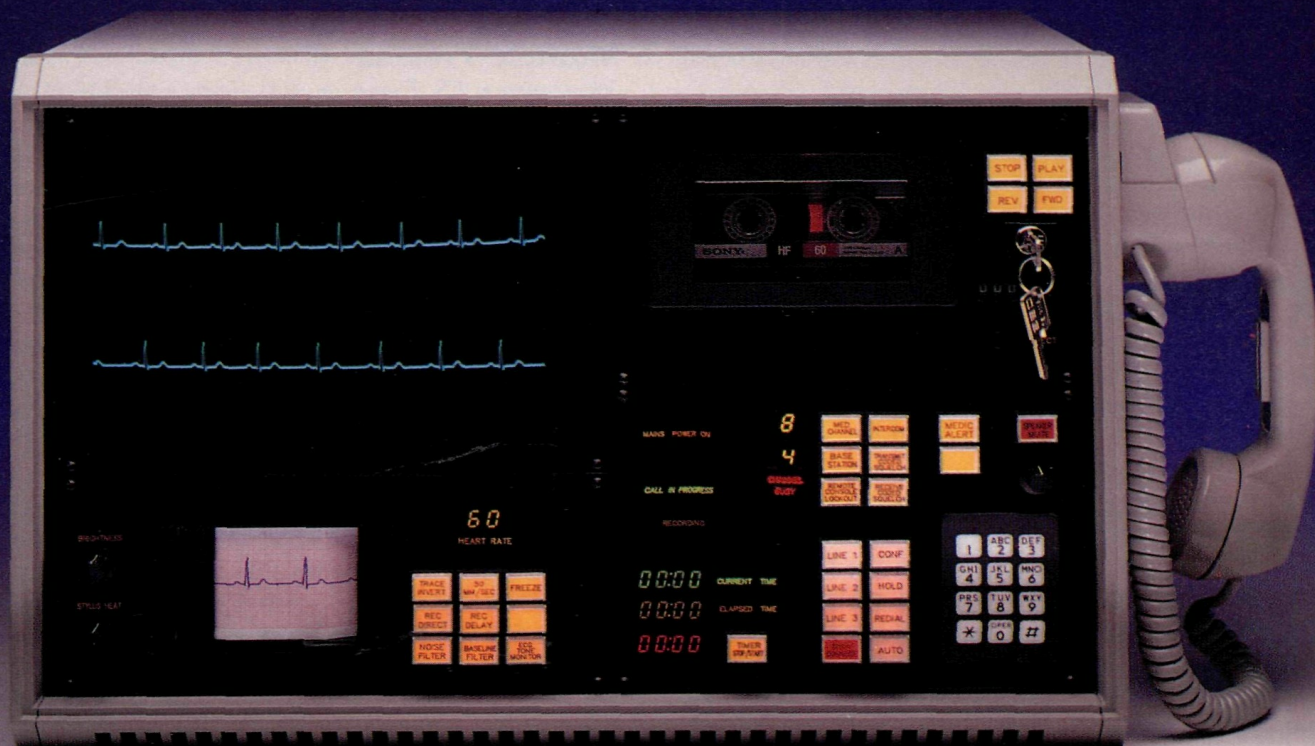
**Nashville, Tennessee**  
*The Association of Air Medical Services (AAMS) 11th Annual Educational Conference.* Contact: Christine Becker, AAMS, 35 S. Raymond Ave., #205, Pasadena, CA 91105; 818/791-1232.

### September 26-28

**San Francisco, California**  
*HazTech International '90.* Contact: Rachele Scheinbach, Institute for International Research-Bellevue, 13555 Bel-Red Road, Bellevue, WA 98009; 800/468-7644 or 206/746-4173 (WA only).

Calendar selections are based on space availability, national appeal and appropriateness to our audience. *Prehospital and Disaster Medicine* welcomes information about continuing education programs that are designed to help emergency and trauma physicians, nurses and paramedics in the management of critically ill or injured patients. To list a meeting, send the details at least four months in advance to: PDM, Jems Publishing Co., P.O. Box 1026, Solana Beach, CA 92075.

# Responding...to Your Changing Needs



## GEMS Series 2000 Patient Monitoring Console

**"ADVANCED COMMUNICATIONS FOR ADVANCED LIFE SUPPORT"**

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Designed specifically to keep pace with changing EMS requirements, the General Devices **GEMS SERIES 2000** is the **FIRST AND ONLY** fully integrated, configurable PMC. Utilizing state-of-the-art microprocessor based telecommunications technology, the **GEMS SERIES 2000** provides those features you need most: Simplicity, Versatility, and Reliability. Configurable **AT ANY TIME** to your changing communications environment, whether you rely on cellular telephone, matrix systems, or direct base station control...in the changing ALS world, the **GEMS SERIES 2000** is the only logical choice.

### **Advanced Telecommunications**

- \* Automatic call handling for cellular, radio, & landline—no external phone needed
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- \* 3 line capability
- \* Remote base station control

### **Patient Monitoring Made Easy**

- \* Large 9" ECG display with 15 seconds of ECG data
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- \* High quality front loading cassette recorder with time/date stamp
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- \* Functionally grouped controls
- \* Voice announcement of critical messages
- \* Backlit color-keyed status messages
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- \* User programmable functions

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- \* Transtelephonic troubleshooting
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Compatible with existing equipment, desktop or rack mountable, taking up about half the space you'd expect, the **GEMS SERIES 2000** PMC will also take up a lot less of your budget!

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The ease of use of the Philadelphia™ Cervical Collar® Company new red E.M. Collar's easy application is demonstrated in the following text and photographs.

**Figure 1.** Flatten back portion of collar. Place index finger in "looped" part of bow and hold edge of collar with thumb as you *simultaneously slide bow and collar* under the patient's neck. Just apply and center back portion of collar if patient is in sitting position.

**Figure 2.** Place front portion of collar making sure chin is in proper position. Pull with just enough pressure to secure the head.

**Figure 3.** If patient is nauseous, just pull chin piece down enough to allow vomit to escape to avoid an obstruction in the airway. If patient is strapped in spineboard, tilt board.

### Several additional items of importance to note are:

Most collars do not support the arch of the cervical spine. The new red E.M. Philadelphia™ Cervical Collar® is one of the few collars in the E.M. field that has a preformed back that conforms to the spine to accommodate support to the cervical arch.

The new red E.M. Philadelphia™ Cervical Collar® is the one collar in the E.M. field that supports the head carefully without tilting it from side to side and it eliminates rotation because of the Head Immobilizer attachment.

The new red E.M. Philadelphia™ Cervical Collar® offers three sizes that fit most adults and children. Patients with short necks will be accommodated soon.

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**Philadelphia™ Collar® Company**

P.O. Box 185 • Westville, NJ 08993

(215) 923-9760

Patents: U.S. 3,756,226; 4,677,969; 4,502,471; 4,515,153; Canadian (Brevete) 1976, 1986; U.K. 2,126,485; DBP 3534191C2

Patents Pending: U.S./Foreign Published online by Cambridge University Press Printed in U.S.A. 5/88

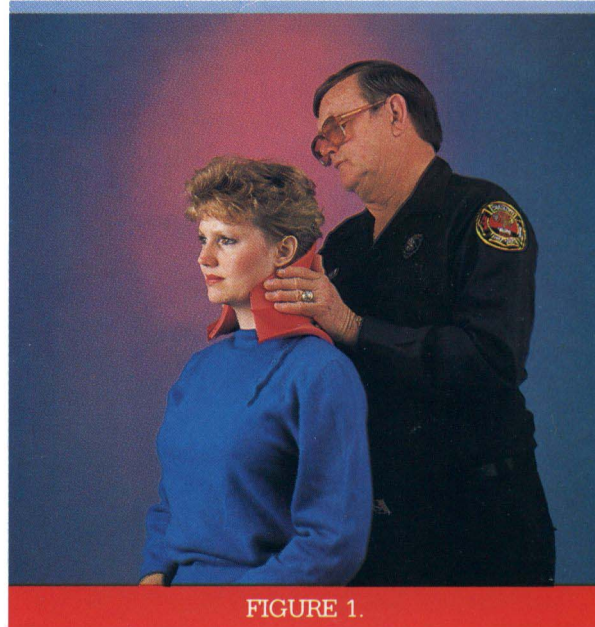


FIGURE 1.

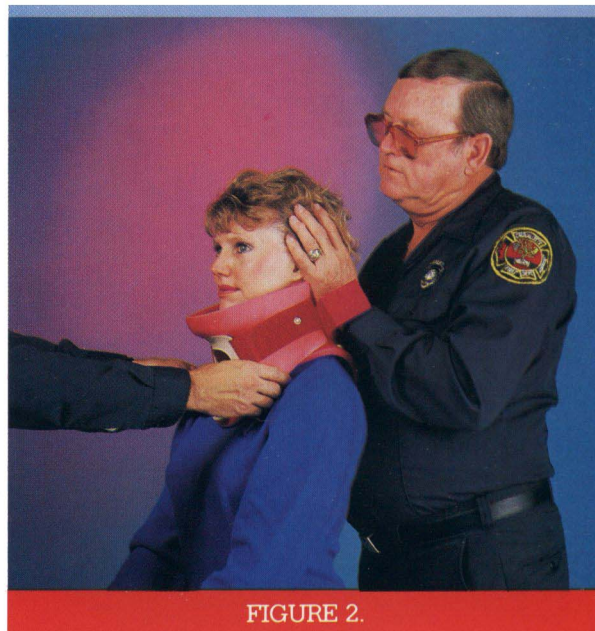


FIGURE 2.

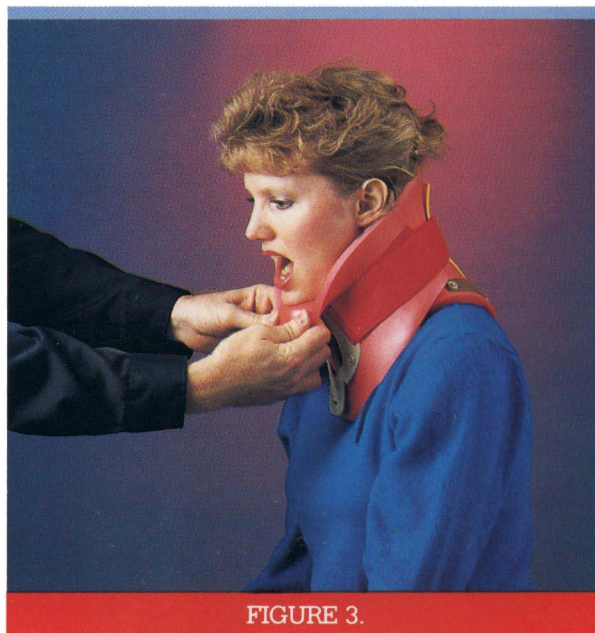


FIGURE 3.