

Geriatric Education for Emergency Medical Services



Copyright: 2003
Pages: 372
Cover: Paperback
ISBN: 0-7637-2086-0

The American Geriatrics Society and the National Council of State Emergency Medical Services Training Coordinators are pleased to bring you **Geriatric Education for Emergency Medical Services (GEMS)**, a new national continuing education curriculum. The exciting new program is the first of its kind – designed specifically for First Responders, EMTs, Paramedics, and any other emergency care provider.

The proportion of the aged in society today is greater than ever before, and growing faster than any other segment of our population. Current indications are that approximately 34% of calls for emergency medical services, or 3.4 million emergency responses involve patients over the age of 60. GEMS represents the most credible and complete source of prehospital medical information for the older population.

The GEMS course is designed to address all of the special needs of the older population, including the geriatric objectives as identified in the EMT-Basic, Intermediate, and Paramedic National Highway Traffic Safety Administration (NHTSA) National Standard Curricula.

The GEMS course is innovative, comprehensive, and highly visual with:

- ▶ **Case-Based Lectures** - The GEMS lectures cover the most important points that need to be emphasized. This is done through the use of case studies, which start students thinking about how they would treat a similar case in the field.
- ▶ **Live Action Video** - Containing real-life footage from the field, these clips illustrate hands-on skills covered in the GEMS course.
- ▶ **Hands-on Skill Stations** - The GEMS Skill Stations are an important part of helping students practice the hands-on aspects of what they learn by reading the text, listening to the lectures, and watching the GEMS video.
- ▶ **Small Group Scenarios** - The scenarios help students apply information from all aspects of the GEMS course.



Table of Contents

- | | |
|---|--|
| 1. Aging | 11. Psychiatric Emergencies |
| 2. Normal Changes with Age | 12. Other Medical Emergencies |
| 3. Communicating with Older People and Their Caregivers | 13. Pharmacology and Medication Toxicity Emergencies |
| 4. End-of-Life Care Issues | 14. Elder Abuse and Neglect |
| 5. Assessment of the Older Patient | 15. Improving Quality of Life Procedures and Home Health Devices |
| 6. Falls | Appendix A. Organizations and Services for Older People |
| 7. Trauma and Musculoskeletal Disorders | Appendix B. Medication Guide |
| 8. Respiratory Emergencies | Appendix C. Home Safety Checklist |
| 9. Cardiovascular Emergencies | |
| 10. Neurological Emergencies | |

The GEMS Textbook – A Dynamic Teaching Tool

The features found in the text are designed to give EMS providers the education and confidence they need to effectively treat older patients.



The GEMS diamond was created to help providers remember what is different about the older patient. These issues should be considered when assessing every older patient:

- ▶ **"G" stands for geriatric** – older patients are different and may present atypically.
- ▶ **"E" stands for environment** – the environment may contain clues to the cause of the emergency.
- ▶ **"M" stands for medical assessment** – older patients tend to have a variety of medical problems.
- ▶ **"S" stands for social assessment** – older patients may have less of a social network.



Each chapter contains multiple case studies. Case studies prompt providers to think about what they might do if they encountered a similar situation in the field. A summary of each case study appears at the end of the chapter.



Alert providers that the information is for advanced life support (ALS) personnel.



Tips to help providers appropriately handle calls involving older adults, and also address myths or stereotypes.



Tips to remind providers of communication issues, and how to communicate properly.



Tips to remind providers of the importance of documenting medications, medication reactions, incorrect dosing, and any other medication issues a provider should keep in mind when working with an older patient.



Controversy boxes highlight issues that may be under debate in the EMS community.



Glossary Terms – Comprehensively defined in the glossary at the end of the textbook, and an online glossary is available at www.GEMSSite.com.

Make full use of today's teaching and learning technology with www.GEMSSite.com, a community of GEMS faculty and providers.



Find a GEMS Course – Locate an upcoming GEMS course in your area.

Find a GEMS Course Coordinator – Locate a GEMS Course Coordinator in your area.

About GEMS – Course preview, ALS and BLS course schedules, and information on how to start a GEMS course of your own.

GEMS Community – News and resources for faculty and providers, plus GEMS bulletin board and e-mail list serve.

GEMS Course – Learning tools for providers and resources for faculty. Providers can continue their education outside of class with:

- ▶ Online Pretests to prepare for class with instant results and feedback
- ▶ Web Links to present current information and to expand on important information
- ▶ Online Glossary to expand medical vocabulary
- ▶ GEMS Scenarios to encourage critical thinking and aid comprehension of course material

Course Coordinators – Online Course Coordinator Orientation, forms, letters, GEMS course publicity, and online submission of course rosters, an easy alternative to paperwork.

The GEMS program is supported by a completely integrated teaching and learning system.



ToolKit CD-ROM
ISBN: 0-7637-2271-5

Preparing for a GEMS course is easy with the resources found on this CD-ROM including:

- ▶ PowerPoint presentations that correspond to the lecture outlines
- ▶ Lecture Outlines that outline the topics covered in the text
- ▶ Image Bank providing you with the most important images found in the text



Resource Manual
ISBN: 0-7637-2270-7

An invaluable source of information, the Resource Manual contains:

- ▶ Helpful tips and guidelines for teaching a GEMS course
- ▶ Lecture outlines that offer a script for the PowerPoint presentations
- ▶ Skill station strategies and activities
- ▶ Scenarios that will keep providers engaged in group discussions
- ▶ Administrative forms for the Course Coordinator's convenience



Slide Set
ISBN: 0-7637-2272-3

The dynamic and engaging 35mm slides are keyed to the PowerPoint presentations and lecture outlines for the Course Coordinator's convenience. Both ALS and BLS slides are included.



Video
ISBN: 0-7637-2273-1

Containing real life footage from the field, this video will captivate students and show them how to perform important skills and procedures.



Teaching Package
ISBN: 0-7637-2269-3
with ToolKit CD-ROM
ISBN: 0-7637-2268-5
with Slide Set

The Teaching Package combines the GEMS textbook, Instructor's Resource Manual, ToolKit CD-ROM or Slide Set, and Video in one convenient box.

Yes! I want to order the following GEMS products

(form must be filled out completely):

Quantity _____ ISBN _____ Title _____

School/Training Site _____

Address _____

City, State, Zip _____

Phone _____ Fax _____

Email _____

- Please do not send me EMS product updates.
- I am interested in holding a GEMS Course; please have my EMS Specialist contact me.

Payment Information

Payment Enclosed (Make Checks Payable to Jones and Bartlett)

Charge My: MasterCard Visa AMEX

Card Number _____ Expiration Date _____

Signature _____

Yes! I am considering using the GEMS student manual to train my students*

(form must be filled out completely):

School/Training Site _____

Address _____

City, State, Zip _____

Phone _____ Fax _____

Email _____

- Please do not send me EMS product updates.
- I am interested in holding a GEMS course; please have my EMS Specialist contact me.

What courses do you teach? _____

Annual Number of Students _____

What supplements do you use in your course? _____

Do you use technology in your course? _____

*Jones and Bartlett reserves the right to review requests for complimentary copies, or send requests on 30-day review.

Phone: 1-800-832-0034 Fax: 1-978-443-8000 Email: info@jbpub.com

Visit us online at www.GEMSSite.com

Phone: 1-800-832-0034

Fax: 1-978-443-8000

Email: info@jbpub.com

Visit us online at www.GEMSSite.com

Place Stamp Here

Jones and Bartlett Publishers
Attn: EMS Marketing Department
40 Tall Pine Drive
Sudbury, MA 01776



**The National GEMS Steering Committee
has distinguished representatives from:**

- American Academy of Orthopaedic Surgeons
- American College of Emergency Physicians
- American Geriatrics Society
- Emergency Nurses Association
- International Association of Fire Chiefs
- International Association of Fire Fighters
- National Association of Emergency Medical Services Educators
- National Association of Emergency Medical Services Physicians
- National Association of Emergency Medical Technicians
- National Association of State Emergency Medical Services Directors
- National Association of State Units on Aging
- National Council of State Emergency Medical Services Training Coordinators
- Society for Academic Emergency Medicine.

www.GEMSite.com

Place Stamp Here

Jones and Bartlett Publishers
Attn: EMS Marketing Department
40 Tall Pine Drive
Sudbury, MA 01776



Jones and Bartlett Publishers
40 Tall Pine Drive
Sudbury, MA 01776
978-443-5000
info@jbpub.com

ISBN: 0-7637-2086-0

Postage
Info
FPO

**Geriatric
Education for
Emergency
Medical
Services
(GEMS)**

**A new national continuing
education curriculum**

www.GEMSite.com

