

HOWARD A. BESSEN, M.D.  
Curriculum Vitae

Personal History

Business Address: Dept. of Emergency Medicine  
Harbor-UCLA Medical Center  
1000 W. Carson St., D-9  
Torrance, CA 90509  
Work Phone: (310) 222-3500  
Fax: (310) 782-1763  
e-mail: [bessen@emedharbor.edu](mailto:bessen@emedharbor.edu)

Home Address: xxxxxx  
xxxxxx  
Home Phone: xxxxxx

Date of birth: xxxxxx  
Birthplace: xxxxxx  
Citizenship: U.S.  
Marital status: Married, three children

Education and Training

College	1970-1974 Stanford University Stanford, California Bachelor of Science, Biology
Medical School	1974-1978 UCLA School of Medicine Los Angeles, California Doctor of Medicine
Flexible Internship	1978-1979 Harbor-UCLA Medical Center Torrance, California
Emergency Medicine Residency	1979-1981 Harbor-UCLA Medical Center Torrance, California

## Licensure

California state license #G039575 1979-

## Board Certification

American Board of Emergency Medicine (ABEM) 1982  
Re-certification, ABEM 1991, 2001

## Professional Experience

Director, Emergency Medicine Residency Program 1988-2004  
Harbor-UCLA Medical Center

Director, Medical Education 1981-1989  
Department of Emergency Medicine  
Harbor-UCLA Medical Center

## Professional Activities

### Hospital Committee Service, Harbor-UCLA Medical Center

Pharmacy and Therapeutics Committee 1985-  
Chair of Pharmacy and Therapeutics Committee 1999-

Graduate Medical Education Committee 1988-2003

Quality of Care Committee 1999-2000

Trauma Quality Improvement Committee 1999-2000

Emergency Department Quality Improvement Committee 1999-2001  
Chair of Emergency Department QI Committee 1999-2000

Critical Care Committee 1987-1988

Clinical Laboratory Committee 1981-1988

### Committee Service, County of Los Angeles

Emergency Medicine Best Practices Committee 2005-

Department of Health Services 1999-2001  
Pharmacy and Therapeutics Committee

Member of Medical Advisory Committee 1988-1992  
to Los Angeles Poison Control Center

### Professional and Scholarly Associations

American College of Emergency Physicians	1980-
Society for Academic Emergency Medicine (formerly University Association for EM)	1988-
Professional Staff Association Harbor-UCLA Medical Center	1981-
American Board of Emergency Medicine:	
Examiner	1983-
Senior Case Reviewer	1992-1995, 2001-2002
Oral test case development committee member	1989, 1999, 2005, 2007
In-training examination item writer	1995-2002
Member, Board of Directors	2002-
Editor, written certification exam	2002-2006
Editor, oral certification exam	2006-

### Editorial Services

Managing editor, *Emergency Medicine* online textbook (URL: <http://www.emedicine.com/>)  
(See Bibliography for list of chapters edited)

Editorial Board Member, <u>Journal of Emergency Medicine</u>	1983-
Consulting Reviewer, <u>Annals of Emergency Medicine</u>	1983-2004
Consulting Reviewer, <u>Academic Emergency Medicine</u>	1997-2004

### Other Professional Activities

Faculty Advisor, UCLA School of Medicine	1983-
Western Regional Coordinator/Moderator, Society for Academic Emergency Medicine National CPC Competition	1991-1995
Instructor, "Introduction to Clinical Medicine" Course, UCLA/UC Riverside School of Medicine	1985
Member, Scientific Review Committee American College of Emergency Physicians	1985-1987
Advanced Cardiac Life Support Course Chairman, Dept. of Emergency Medicine	1981-1989

## Honors/Awards

Faculty Teaching Award, Harbor-UCLA Dept. of Emergency Medicine	2009 (for academic year 2008 – 2009)
(Awarded by residents to one faculty member each year; first award was given in 2008)	
California Chapter, American College of Emergency Physicians Outstanding Contribution to Education Award	2003
American College of Emergency Physicians National Teaching Award	2000
<i>Annals of Emergency Medicine</i> Top Consultant	2000
Award for Excellence in Education UCLA School of Medicine	1995
Alpha Omega Alpha, UCLA Chapter	1978
Gladys M. Shea Prize in Anatomical Sciences, UCLA School of Medicine	1978

Lectures and Presentations (State/National)

National Scientific Assembly, American College of Emergency Physicians

"Hypothermia"	1983 (Atlanta)
"Aortic Aneurysms"	
"Aortic Aneurysms"	1984 (Dallas)
"Hypertensive Emergencies"	
"Hypertensive Emergencies"	1985 (Las Vegas)
"Aortic Aneurysms"	1987 (San Francisco)
"Hypertensive Emergencies"	
"Hypertensive Emergencies"	1988 (New Orleans)
"Aortic Aneurysms"	1989 (Washington, D.C.)
"Hypertensive Emergencies"	
"Aortic Aneurysms"	1991 (Boston)
"Hypertensive Emergencies"	
"Aortic Aneurysms"	1992 (Seattle)
"Hypertensive Emergencies"	
"Aortic Aneurysms"	1994 (Orlando)
"Hypertensive Emergencies"	
"Aortic Aneurysms"	1995 (San Antonio)
"Hypertensive Emergencies"	
"Aortic Aneurysms"	1996 (New Orleans)
"Hypertensive Emergencies"	
"Aortic Aneurysms"	1997 (San Francisco)
"Hypertensive Emergencies"	
"Aortic Aneurysms"	1998 (San Diego)

National Winter Symposium, American College of Emergency Physicians

"Aortic Aneurysms"	1987 (Tucson)
"Hypertensive Emergencies"	

Comprehensive Review of Emergency Medicine course (American College of  
Emergency Physicians national review course)

"Aortic Aneurysms"	1985-1990
"Hypertensive Emergencies"	

## Lectures and Presentations (State/National)

Scientific Assembly, American College of Emergency Physicians, California Chapter

"Hypothermia"	1982 (San Diego)
"Approach to Poisoning and Overdose"	1988 (Palm Springs)
"Hypertensive Emergencies"	1991 (Monterey)
"Update on Antidotes in Toxicology"	1992 (Palm Springs)

UC Davis Emergency Medicine Symposium

"Aortic Aneurysms"	2000 (Lake Tahoe)
"Update on Antidotes in Toxicology"	

Emergency Medicine Update, American College of Emergency Physicians, North Carolina Chapter

"Neuromuscular Blockers in Acute Airway Management"	1990 (Charlotte)
--	------------------

UC Davis Emergency Medicine Symposium

"Aortic Aneurysms"	
"Update on Antidotes in Toxicology"	

Symposia Medicus  
Spring Emergency Medicine Conference

"Aortic Aneurysms"	2001 (Los Cabos, Mexico)
"Controversies in Poisoning and Overdose"	
"Update on Antidotes in Toxicology"	
"Neuromuscular Blockers in Acute Airway Management"	

American Board of Emergency Medicine Residency Visitation Program

Loma Linda University	2004
UC Davis	2005

Emergency Medicine Grand Rounds, Loma Linda Univ.

"Abdominal Aortic Aneurysm"

Emergency Medicine Grand Rounds, UC Davis

"Abdominal Aortic Aneurysm"  
"Aortic Dissection"

Emergency Medicine Grand Rounds, UCLA

"Acute Aortic Emergencies"

Lectures and Presentations (Department of Emergency Medicine, Harbor-UCLA Medical Center)

Department of Emergency Medicine Grand Rounds, Core Curriculum Lecture Series, and Morbidity/Mortality Conference Lecture Series – 2007-2009  
(all lectures given yearly or every other year)

Acetaminophen Overdose  
Acute Head Trauma  
Antidotes in Toxicology  
Aortic Aneurysms and Dissections  
Diabetic Ketoacidosis  
Digitalis Toxicity  
General Approach to Poisoning and Overdose  
Hemophilia  
Hypertensive Emergencies  
Hypoglycemia  
Hypothermia  
Major Burns  
Implanted Cardioverter-Defibrillators  
Neuromuscular Blocking Agents in Emergency Airway Management  
Rhabdomyolysis  
Sedation for Procedures  
Snake Bite  
Tetanus  
Toxicology topics -- many

## Bibliography

### A. Research papers (peer-reviewed)

1. Bessen HA, Rothstein RJ: Futility of skull radiography for nontraumatic conditions. *Ann Emerg Med* 1982;11:605-609.
2. Bessen HA, Niemann JT: Improvement of cardiac conduction after hyperventilation in tricyclic antidepressant overdose. *Clin Toxicol* 1985-86;23:537-546.
3. Niemann JT, Bessen HA, Rothstein RJ, Laks MM: Electrocardiographic criteria for tricyclic antidepressant cardiotoxicity. *Am J Cardiol* 1986;57:1154-1159.
4. Mooney R, Niemann JT, Bessen HA, et al: Conventional and right precordial ECGs, creatine kinase, and radionuclide angiography in post-traumatic ventricular dysfunction. *Ann Emerg Med* 1988;17:890-894.
5. Greenfield R, Bessen HA, Henneman PL: Effect of fluid infusion on hematocrit and intravascular volume in healthy, non-bleeding subjects. *Ann Emerg Med* 1989;18:51-55.
6. Lewis RJ, Bessen HB: Sequential clinical trials in emergency medicine. *Ann Emerg Med* 1990;19:1047-1053.

### B. Textbook chapters

1. Bessen HA: Abdominal aortic aneurysm. In Marx J, et al (eds): *Rosen's Emergency Medicine: Concepts and Clinical Practice*, 6th ed., Mosby-Elsevier, St. Louis, 2006, pp. 1330-1341. (Chapter for 7<sup>th</sup> ed. in press, 2009).  
  
(Fifth edition: Bessen HA: Abdominal aortic aneurysm. In Marx J, et al (eds): *Rosen's Emergency Medicine: Concepts and Clinical Practice*, 5th ed., Mosby, St. Louis, 2002, pp. 1179-1183.  
  
(Fourth edition: Bessen HA: Abdominal aortic aneurysms. In Rosen P et al (eds): *Emergency Medicine: Concepts and Clinical Practice*, 4th ed., 1998, pp. 1806-1818).
2. Bessen HA: Hypothermia. In Tintinalli JE, et al (eds): *Emergency Medicine: A Comprehensive Study Guide*, 6th ed., McGraw Hill, New York, 2003, pp 1179-1183. (Chapter for 7<sup>th</sup> ed. in press, 2009)  
  
(Fifth edition: Bessen HA: Hypothermia. In Tintinalli JE, et al (eds): *Emergency Medicine: A Comprehensive Study Guide*, 5th ed., McGraw Hill, New York, 2000, pp 1231-1235).  
  
(Fourth edition: Bessen HA: Hypothermia. In Tintinalli JE, et al (eds): *Emergency Medicine: A Comprehensive Study Guide*, 4th ed., McGraw Hill, New York, 1996, pp 846-850.)  
  
(Third edition: Bessen HA: Hypothermia. In Tintinalli JE, et al (eds): *Emergency Medicine: A Comprehensive Study Guide*, 3rd ed., McGraw Hill, New York, 1992, pp 648-651.)  
  
(Second edition: Bessen HA: Hypothermia. In Tintinalli JE, et al (eds): *Emergency Medicine: A Comprehensive Study Guide*, 2nd ed., McGraw Hill, New York, 1988, pp 748-752.)

(First edition: Bessen HA: Hypothermia. In Tintinalli JE, et al (eds): Emergency Medicine: A Comprehensive Study Guide, McGraw Hill, New York, 1985, pp 334-338.)

3. Bessen HA: Hypertensive emergencies. In Kravis TC, Warner CG, Jacobs LM (eds): Emergency Medicine, 3rd ed., Raven Press, New York, 1993, pp. 1059-1068.

(Second edition: Bessen HA: Hypertensive emergencies. In Warner CG, Kravis TC (eds): Emergency Medicine, 2nd ed., Aspen Publishers, Rockville, Maryland, 1986, pp 1013-1021.)

4. Bessen HA: Rapid sequence induction for emergency intubation. In Gausche M (ed): APLS: The Pediatric Emergency Medicine Course, American College of Emergency Physicians / American Academy of Pediatrics, Dallas, 1998, pp 243-256.
5. Birnbaumer DM, Bessen HA: Other alcohols. In Rosen P et al (eds): Emergency Medicine: Concepts and Clinical Practice, 4th ed., 1998, pp 1292-1299.

(3rd edition: Birnbaumer DM, Bessen HA: Other alcohols. In Rosen P et al (eds): Emergency Medicine: Concepts and Clinical Practice, 3rd ed., 1992, pp 2520-2533.)

6. Bessen HA, Byyny R: Acute pericarditis and cardiac tamponade. In Wolfson AB, *et al* (eds): Harwood-Nuss' Clinical Practice of Emergency Medicine, 4<sup>th</sup> ed., Lippincott Williams & Wilkins, Philadelphia, 2005, pp. 294-297.  
(Chapter for 5<sup>th</sup> ed. in press, 2009)

(Third edition: Pratt FD, Bessen HA: Acute pericarditis and cardiac tamponade. In Harwood-Nuss A (ed): The Clinical Practice of Emergency Medicine, 3rd ed., Lippincott Williams & Wilkins, Philadelphia, 2001, pp. 704-710.

(Second edition: Pratt FD, Bessen HA: Acute pericarditis and cardiac tamponade. In Harwood-Nuss A (ed): The Clinical Practice of Emergency Medicine, 2nd ed., Lippincott-Raven, Philadelphia, 1996, pp. 617-619.)

(First edition: Pratt FD, Bessen HA: Acute pericarditis and cardiac tamponade. In Harwood-Nuss A (ed): The Clinical Practice of Emergency Medicine, J.B. Lippincott, Philadelphia, 1991, pp 885-887.)

7. Deuson T, Bessen H: Head trauma. In Keim SM (ed): Emergency Medicine On Call, McGraw-Hill, New York, 2003, pp 256-259.

### C. Case Reports and Subject Reviews

1. Bessen HA: Intracranial hemorrhage associated with phencyclidine abuse. JAMA 1982;248:585-586.
2. Bessen HA, Niemann JT, Haskell RJ, Rothstein RJ: Effect of respiratory alkalosis in tricyclic antidepressant overdose. West J Med 1983;139:373-376.
3. Bessen H: Hypertensive emergencies. West J Med 1983; 138: 90-91.
4. Haynes B, Bessen H, Haynes V: The diagnosis of testicular torsion. JAMA 1983;249:2522-2527.

5. Corre KC, Niemann JT, Bessen HA: Extended therapy for acute dystonic reactions. *Ann Emerg Med* 1984;13:194-197.
6. Bessen HA: Aortoenteric fistula. *J Emerg Med* 1985; 3: 195-200.
7. Haynes BE, Bessen HA, Wightman WD: Oleander tea: Herbal draught of death. *Ann Emerg Med* 1985;14:350-353.
8. Bessen HA: Therapeutic and toxic effects of digitalis: William Withering, 1785. *J Emerg Med* 1986;4:243-248.
9. Duffens KR, Smilkstein MJ, Bessen HA, Rumack BH: Falsely elevated salicylate levels due to diflunisal overdose. *J Emerg Med* 1987;5:499-503.
10. Mooney RP, Bessen HA: Delayed hemiparesis due to nonpenetrating carotid trauma. *Am J Emerg Med* 1988;6:341-345.
11. Snoey ES, Bessen HA: Acute psychosis after amantadine overdose. *Ann Emerg Med* 1990;19:668-670.
12. Bessen HA: Evaluation, management, and prevention of hepatitis. In: ACEP, Critical Decisions in Emergency Medicine series, Volume 4, Lesson 18, pp. 147-159, 1990.
13. Baldrige EB, Bessen HA: Phencyclidine. *Emerg Med Clin N Am* 1990;8:541-550.
14. Lewis RJ, Bessen HA: Statistical concepts and methods for the reader of clinical studies in emergency medicine. *J Emerg Med* 1991;9:221-232.
15. Billingham GT, Bessen HA: Aortoenteric fistula in a 21 year old. *J Emerg Med* 1991;9:343-345.
16. Bessen HA: Acute hypertension. *Coronary Acute Care* 1991;2(1):2-11.
17. Bessen H: Averting aortic catastrophes. *Emergency Medicine* 1993;25(10):56-74.
18. Burbulys DB, Bessen HA: Major burn injury and its emergent management. In: ACEP, Critical Decisions in Emergency Medicine series, Volume 13, Lesson 15, pp. 1-9, 1999.

#### D. Editorials

1. Wolfson AB, Bessen HA: Thoracic aortic dissection: Ruling in and ruling out. *Ann Emerg Med* 1996;28:349-351.

#### E. Book and Software Reviews

1. Bessen HA: Hypertensive Emergencies (software review). *J Emerg Med* 1986;4:317-318.

#### F. Letters to the Editor

1. Bessen HA, Rothstein RJ: Emergency department use of neuromuscular blocking agents. *Ann Emerg Med* 1986;15:1251-1252.

2. Bessen HA, Rothstein RJ: Neuromuscular blocking agents in the ED. *Ann Emerg Med* 1987;16:728-729.
3. Bessen HA: Treatment of cocaine toxicity. *Ann Emerg Med* 1987;16:922.
4. Bessen HA: Succinylcholine and acute burns. *Pediatr Emerg Care* 1987;3:219.

#### G. Abstracts

1. Mooney RP, Niemann JT, Bessen HA, Mena IG, Laks MM: Evaluation of myocardial contusion by conventional and right precordial electrocardiography: No correlation with radionuclide angiography. *Ann Emerg Med* 1987;16:1104. (Presented at 1987 ACEP Scientific Assembly)
2. Greenfield RH, Bessen HA, Henneman PL: The effect of crystalloid infusion on hematocrit in healthy, nonbleeding subjects. *Ann Emerg Med* 1987;16:1101. (Presented at 1988 ACEP Scientific Assembly)
3. Lewis RJ, Bessen HA: Sequential clinical trials in emergency medicine. *Ann Emerg Med* 1989;18:438. (Presented at 1989 SAEM Meeting)
4. Henneman PL, Greenfield RH, Bessen HA: The effect of acute blood loss and intravenous crystalloid administration on hematocrit. *Ann Emerg Med* 1989;18:918.

#### H. Chapters edited

Managing editor, *Emergency Medicine* online textbook (URL: <http://www.emedicine.com/>)

Adrenal Insufficiency and Adrenal Crisis  
 Alcoholic Ketoacidosis  
 Cushing's Syndrome  
 Diabetes Mellitus, Type 1  
 Diabetes Mellitus, Type 2  
 Diabetic Ketoacidosis  
 Hyperkalemia  
 Hyponatremia  
 Hyperosmolar Hyperglycemic Nonketotic Coma  
 Hyperthyroidism, Thyroid Storm, and Graves' Disease  
 Hypoglycemia  
 Hypokalemia  
 Hyponatremia  
 Hypoparathyroidism  
 Hypophosphatemia  
 Hypopituitarism  
 Hypothyroidism and Myxedema Coma  
 Lactic Acidosis  
 Metabolic Acidosis  
 Syndrome of Inappropriate Antidiuretic Hormone