

**CURRICULUM VITAE**  
**Lewis J. Kaplan, M.D., F.A.C.S.**  
(Revision 5/27/04)

**Office Address**

Yale New Haven Hospital  
Department of Surgery  
Section of Trauma and Surgical Critical Care  
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**EDUCATION**

**Fellowship**

Surgical Critical Care Fellow  
University of Pittsburgh Medical Center  
Pittsburgh, PA  
1996-1997

**Post-Graduate Training**

Chief Resident, General Surgery  
Medical College of PA Hospital *and*  
Philadelphia Veterans Affairs Medical Center  
Philadelphia, PA  
1994-1995

Intern and Resident, General Surgery  
Medical College of PA Hospital  
Philadelphia, PA  
1988-1994

**Research**

Research Fellow, Cardiothoracic Surgery  
Medical College of PA Hospital  
1991-1993

**Medical School**

UMDNJ-Robert Wood Johnson Medical School  
Piscataway, NJ; MD  
1984-1988

**College**

Franklin and Marshall College  
Lancaster, PA; BA  
Thesis: "Chill-hardening of *Cucumis sativus*: mechanisms of  
membrane fluidity"  
1980-1984

**High School**

Cherry Hill High School East

Cherry Hill, NJ; 1976-1980

## **EMPLOYMENT HISTORY**

### **Faculty Position**

Yale University School of Medicine  
Associate Professor of Surgery  
Director, Emergency General Surgery  
Section of Trauma and Critical Care  
August 2002 - present

Medical College of PA-Hahnemann University  
Associate Professor of Surgery  
Division of Trauma and Surgical Critical Care  
July 2000-August 2002

Medical College of PA-Hahnemann University  
Assistant Professor of Surgery  
Division of Trauma and Surgical Critical Care  
July 1997-June 2000

Director, Surgical Intensive Care Unit  
November 1999 – July 2002

Director, Surgical Critical Care Fellowship  
November 1999 – July 2002

Medical College of PA-Hahnemann University  
Associate Professor of Emergency Medicine  
Division of Critical Care  
July 2000-August 2002

Medical College of PA-Hahnemann University  
Assistant Professor of Emergency Medicine  
Division of Critical Care  
July 1999-June 2000

Medical College of PA Hospital  
Instructor of Surgery  
Division of Trauma and Critical Care  
1995-1996

### **Certification**

Added Qualifications in Surgical Critical Care, 10/97  
Diplomate, American Board of Surgery, 9/96  
Diplomate, NBME 1989  
ACLS and ATLS Provider 1988  
ATLS Instructor 1996  
American College of Surgeons Ultrasound Instructor

Candidate 10/2003

**Medical Director**

Prehospital Trauma Life Support  
Medical College of PA-Hahnameann University EMS Program  
May 1998

Interim Trauma Director  
Hahnemann University Hospital  
Philadelphia, PA  
June 1999-July 1999

**Licensure**

Pennsylvania MD 1990-12/31/02  
Connecticut MD 2002-present  
DEA 1991-present  
CT DEA 2002-present

**Awards and Honors**

B.A. Cum Laude with highest honors in biology  
Franklin and Marshall College, 1984

PA Society of Critical Care Medicine  
Annual Meeting, Hershey, PA  
Best Poster Presentation  
September 1999

International Ain Shams Medical Student Congress  
8<sup>th</sup> Annual Meeting, Cairo, Egypt  
Best Poster Presentation  
February 6-9, 2000

Golden Scalpel Teaching Award  
MCP-HU Department of Surgery  
1999-2000 academic year

Order of the Humbee 1996

Consumers Research Council of America  
Top Surgeon 2002-2003

America's Registry of Outstanding Professionals  
Lifetime Member 2002

**Societies**

Fellow, American College of Surgeons  
Association for Academic Surgery  
Society of Critical Care Medicine  
Pennsylvania Medical Society (7/95-12/02)  
Eastern Association for the Surgery of Trauma

International Trauma Anesthesia and Critical Care  
 Society (aka TraumaCare)  
 Association for Surgical Education  
 Society for Academic Emergency Medicine (7/99-7/01)  
 Benjamin Rush Society  
 Society for the Advancement of Blood Management  
 (Founding Member)

**Committees**

***Medical College of PA-Hahnemann University***

Executive Medical Board	2000-
Performance Improvement	2000-
Antibiotic Subcommittee	2000-
Code Committee	2000-
Emergency Care Committee	1999-
Trauma Committee	1999-
Medical Records Committee	1999-
Chairman (11/00- 7/02)	
Bioterrorism Committee	1999-2001
Institutional Review Board	1998-2001
Respiratory Care Practice Council	1998-2000
Emergency Department Observation Unit Steering Committee	1998-2000
Ventilator Task Force (Co-chair)	1998-1999
Product Review Subcommittee	1998-2002
Chairman	1999-2002
Infection Control Committee	1997-2002
Critical Care Committee	1997-2002
Blood Utilization Subcommittee	1997-2002
<i>Ad hoc</i> member Blood Utilization	1995 - 1996
<i>Ad hoc</i> member Trauma Committee	1995 - 1996
Graduate Medical Education	1993 - 1995
Communications Subcommittee	1993 - 1995

***Medical College of PA-Hahnemann University  
 Medical School***

Chairman, ECC Taskforce on Therapeutics	2002
Mediation and Grievance Panel	2001-2002
(At-Large Member)	
Clinical Skills Assessment	1999-2001
Clinical Skills Subcommittee	1997-1999
Interdisciplinary Foundations of Medicine Program	1997-2001
Mentor, Surgery Interest Group	1998-2002
Program for Integrated Learning	1998-2000
Interviewer, Admissions Committee	1998-2001

***Medical College of PA-Hahnemann University***  
***Department of Surgery***  
Educational Director, Grand Rounds 1998-2001  
ABSITE Preparation Committee 1999-2001  
*Chairman*, Priority List Development 2000  
Committee, Center for Patient Safety at MCP

***Eastern Association for the Surgery of Trauma***  
Multiinstitutional Clinical Trials 1999-2001  
Practice Management Guidelines 1999-2001

***Society of Critical Care Medicine***  
Surgical Section,  
Education Committee 1999-2002

Undergraduate Medical Education 2004-

***Association for Academic Surgery***  
Local Arrangements Chairman  
1999 Annual Meeting 1999

***Association for Surgical Education***  
Curriculum Committee 1999-present

***International Trauma Anesthesia and Critical Care Society***  
Trauma Surgery Committee 2002-  
Surgical Liason 1999-2004  
Critical Care Committee 1999-  
Program Committee ATACCS 2000 1999-2000  
Scientific Committee ATACCS 2001 2000-2001

***PA Society of Critical Care Medicine***  
Executive Committee 2000-2002

***Society for the Advancement of Blood Management***  
Board of Directors 2003-

***Yale University School of Medicine***  
Infection Control 2002-

**Extramural**

Education Comission for Foreign Medical Graduates  
Clinical Skills Assessment Patient Note Reviewer  
1998-1999

	ECRI Product Review Service Clinical Review Expert	1998-2000
	Alpha Scientific Corporation Clinical Consultant	1998-1999
	Trauma Site Survey Team Leader State of Florida, Bureau of EMS	1998
<i>Conference Section Chair</i>	<i>Chairman</i> , Emergency Medicine Session 11 <sup>th</sup> Annual International Congress of the Egyptian Medical Syndicate; Cairo, Egypt	November, 1999
	<i>Chairman</i> , Fluid and Electrolytes Session State of the art resuscitation and resuscitation fluid conference; London, UK	November, 1999
	<i>Chairman</i> , Update in Surgical Critical Care 2000 Annual Trauma Anesthesia and Critical Care Meeting Mainz, Germany	May, 2000
	<i>Chairman</i> , ITACCS Trauma CME Course “Trauma, The Team Approach” Tucson, Arizona	April, 2000
	<i>Chairman</i> , ITACCS Trauma CME Course “Trauma, The Team Approach” Tucson, Arizona	April, 2001
<i>Editorial/Review</i>	<i>Ad hoc</i> reviewer, <i>Journal of Critical Illness</i> 2000- Editor: J. Rippe, MD	
	Section Editor, On-line Internal Medicine and Surgery Text <a href="http://www.emedicine.com">www.emedicine.com</a>	1998-present
	Editorial Board, <i>Traumacare</i> Trauma, Critical Care Editors: J K Strene, MD, A Giescke, MD	2002-
	<i>Ad hoc</i> reviewer, <i>The Journal of Trauma,</i> <i>Critical Care and Infection</i> Editor: Basil Pruitt, MD, FACS	2001-
	Emerging Pathogens and Interventions for Clinicians National Advisory Board Wyeth-Ayerst	2000-
	Challenges in ICU Sedation	2000

	Educational Video Presentation Aspect Medical Corporation	
<i>US Military</i>	STORM ACT (Strategies to Reduce Civilian and Military Transfusion) Civilian and Joint Special Operations Command workforce <i>Co-convenor</i> with Aryeh Shander, MD	2001, 2002
<i>Moderator/Judge</i>	Moderator, Free Paper Session ATACCS, Stavanger, Norway, May 2002	2002
	Judge, Scientific Program Abstract Competition 4th Annual Issues in Perioperative Anesthesia and Critical Care Dingle, Ireland, October 2-6, 2002	
<b>U. S. Air Force Special Forces</b>	Trauma Surgery Consultant	2004-
<b>Community Service</b>	Penn State Upward Bound Mentor	1991-1992

## **EDUCATIONAL ACTIVITIES**

### **Courses Taught**

MCP-Hahnemann Medical School General Medicine  
Lectures - Diabetic Ketoacidosis  
1998 - 1999

Medical College of PA-Hahnemann University Medical  
School Third Year Student Case Based Tutorials;  
1997 - 2000

Medical College of PA Department of Nursing  
Education Lecture Series; 1995, 1996

Medical College of PA Department of Nursing  
Critical Care Course; 1992, 1993

Medical College of PA Pharmaceutical  
Sponsor Clinical Education Series; 1992, 1993, 2000

### **Courses Taught and Developed**

Medical College of PA Intern Orientation Seminar  
Treating Colleagues with Respect; 1994, 1995

Medical College of PA-Hahnemann University Medical  
School Symptom Based Learning Module:  
Gunshot Wound; Clinical Coordinator; 1997- 2001

Medical College of PA-Hahnemann University Medical  
School Symptom Based Learning Module:  
Critical Care; Module Director; 1997- 2000

Paramedic Gross Anatomy Course, Medical College of PA-  
Hahnemann University EMS; Co-director, 1998-2000

Advanced Airway Management for Paramedics  
Medical College of PA-Hahnemann University;  
Co-director, 1999-2000

Central Venous Catheter Workshop  
Medical College of PA-Hahnemann University  
Medical Director, 1999-2001

Critical Care Seminar for Emergency Medicine

Medical College of PA-Hahnemann University  
Co-coordinator, 1999-2002

Trauma, Shock, Critical Care, and Nutrition  
Yale University School Of Medicine  
Co-developer and presenter, 2002-

Basic Abdominal Ultrasound  
Yale University School Of Medicine  
FAST examination and solid organ imaging  
Co-presenter and workshop manager  
November 18, 2003

## EDUCATIONAL MATERIALS

1. **Kaplan, L.** Post-operative wound infection following emergency intra-abdominal surgery. In: *Training Manual on Post-surgical infection*. Medical College of Pennsylvania Hospital, Division of Pharmaceutical Education, 1992.
2. **Kaplan L.** Gunshot Wounds: A case based educational guide. 1998 Medical College of PA - Hahnemann University Medical School (revised 1999).
3. **Kaplan L,** Bailey H, Mann B. Critical Care Module Guide. 1999. Medical College of PA - Hahnemann University Medical School.
4. Walters W, **Kaplan L.** Gross Anatomy for Paramedics. 1998. Medical College of PA- Hahnemann University, Emergency Medical Services.
5. Morocco A, Bailey H, **Kaplan L.** Critical Care Handbook. June 2002. Medical College of PA- Hahnemann University
6. **Kaplan L.** The Resident's guide to the ICU at MCP. Medical College of PA, 2000.

## CLINICAL ACTIVITIES

### **Major Activities**

General and Laparoscopic Surgery  
Trauma Surgery and Critical Care  
Surgery Resident Teaching Rounds  
Intensive Care Unit Teaching Rounds  
Medical Student education on the Trauma Service  
Outpatient Office Director  
Educational program for Surgical Critical Care Fellows

### **Clinical Programs**

Sedation monitoring using Bispectral Index (BIS) analysis  
Acid-base balance using colloid resuscitation  
Acid-base balance as an indicator of outcome after trauma or  
sepsis  
Cost effectiveness of treatment of acute lung injury using Airway  
Pressure Release Ventilation

## GRANT SUPPORT

1. Kozar R, **Kaplan L** (co-PI). Laparoscopic repair of traumatic diaphragmatic injuries. Allegheny University of the Health Sciences Center for Laparoscopic and Minimally Invasive Surgery Center and United States Surgical Corporation, April 1998; \$22,000.
2. **Kaplan L**, Kozar R. Allegheny University of the Health Sciences, Department of Surgery Intramural Award; \$20,000.
3. **Kaplan L** (PI), Bailey H. Titration of systemic hemodynamic parameters to noninvasively determined cerebral oxygen extraction in patients with sepsis, SIRS, and septic shock: a cognitive and functional outcome study. Submitted to Somanetics Corporation, January 7, 1998, \$50,000; **approved** by Somanetics May, 1999.
4. **Kaplan L** (PI), Bailey H, Trooskin S, Santora T, Kozar R, Clarke J. A multicenter phase III study to assess the safety and efficacy of bactericidal permeability increasing protein rBPI<sub>21</sub> in patients with hemorrhage due to trauma. XOMA Corporation. Award: \$300,000.
5. Wittbrodt E (PI), **Kaplan L**, Bailey H, Patrick H. A comparison of the Bispectral EEG and Hahnemann Sedation Scale Assessment. Aspect Medical Corporation. Award: pending.
6. **Kaplan LJ** (PI), Fiel S, Bailey H, Satz W. A phase II study to evaluate the safety and efficacy of recombinant human platelet activating factor acetylhydrolase (rPAF-AH) for the treatment of patients with severe, acute pancreatitis. ICOS Corporation.
7. **Kaplan LJ**, Bailey H. Safety and efficacy of Airway Pressure Release Ventilation for the ventilatory and oxygenation support of severe, life-threatening asthma. Drager, Incorporated. Award: \$34,000 (equipment).
8. **Kaplan LJ** (co-PI), Bailey H (co-PI), Santora T, Trooskin SZ. MCP-Hahnemann University – Drexel University Clinical Trials Intramural Award. \$50,000.
9. **Kaplan LJ** (PI). A multicenter, investigator blinded, randomized study to compare the safety and efficacy of IV Daptomycin with that of Vancomycin or a semi-synthetic penicillin in the treatment of complicated bacterial skin and soft tissue infections due to gram-positive bacteria. Cubist Pharmaceuticals; Protocol DAP-SST9801.
10. **Kaplan L** (PI). Knowledge base of Attending Surgeons regarding bacterial resistance pathogenesis and interventions. Wyeth Labs. \$20,000. January, 2003.
11. **Kaplan L** (PI). Randomized, Open-label, Comparative Study of Zosyn (Piperacillin/Tazobactam [12g/1.5g]) Administered by Daily 24 hr Continuous Infusion vs. Zosyn (Piperacillin/Tazobactam [3g/0.375g]) q6h for the Treatment of Hospitalized Patients with Complicated Intra-abdominal Infection. Wyeth Labs. \$6,500 per enrolled patient, May, 2003.

## MULTI-INSTITUTIONAL TRIALS/STUDIES

1. Eastern Association for the Surgery of Trauma Multi-institutional Study of the Diagnosis and Management of Blunt Small Bowel Injury.  
Managing PI: Samir Fakhry, MD ([samir.fakhry@inova.com](mailto:samir.fakhry@inova.com))  
*Local Investigator: Lewis J. Kaplan, MD*
2. **Kaplan LJ** (PI). Incidence of hyperchloremia, hyperlactatemia, hyperchloremic metabolic acidosis, and a strong ion gap in patients admitted to Intensive Care Units in US and non-US hospitals.  
*Sponsoring Agency: International Trauma Anesthesia and Critical Care Society*
3. **Kaplan LJ** (PI). Practice patterns of Emergency Medicine physicians with regard to administration of opioid analgesics to patients with acute abdominal pain in the US and non-US hospitals.  
*Sponsoring Agency: International Trauma Anesthesia and Critical Care Society*
4. **Kaplan LJ** (PI). Correlation of massive transfusion of trauma patients with subsequent hyperchloremic metabolic acidosis, coagulopathy, and survivorship.  
*Sponsoring Agency: International Trauma Anesthesia and Critical Care Society*
5. Freilich D, **Kaplan LJ**, Kerby J, Pearce B (co-PI's). Restore Effective SURvival in Shock (RESUS). A prehospital trial of the efficacy and safety of HBOC-201 in resuscitation from hemorrhagic shock. Sponsors: Department of the Navy, Biopure Corporation. Budget (multicenter: \$12 million).

## **PUBLICATIONS (Full length)**

\* = peer review

- 1.\* **Kaplan L**, Blum H, Osbakken MO, Ivanics T, Banerjee A, Whitman GJR. After reversible myocardial injury, recovery of creatine kinase activity during reperfusion normalizes high energy phosphate metabolism and ventricular function. *Surgical Forum Volume XLIII*, p 221-24, American College of Surgeons, 1992.
- 2.\* **Kaplan L**, Weiman D, Langan N, Sokil A, Whitman GJR. Safe IABP placement via the ascending aorta using transeophageal ultrasound. *Annals of Thoracic Surgery*, 54(2):374-5; 1992.
- 3.\* **Kaplan LJ**, Blum H, Banerjee A, Whitman GJR. Protecting myocardial creatine kinase activity during reperfusion improves bioenergetics and contractile function. *Journal of Surgical Research*, 54(4): 311-315, 1993.
- 4.\* **Kaplan L**, Weiman D, Whitman GJR. An infected atrial myxoma: transesophageal echo guided surgical resection. *Annals of Thoracic Surgery*, 57:487-489, 1994.
- 5.\* **Kaplan L**, Bellows CF, Whitman GJR, Barnes AU. Coexistent diaphragmatic herniation and eventration: embryologic rationale for operative intervention. *Clinical Anatomy*, 7(3):143-151, 1994.
- 6.\* **Kaplan L**, Bellows CF, Blum H, Whitman GJR. Ischemic preconditioning preserves end-ischemic ATP, enhancing functional recovery and coronary flow during reperfusion. *Journal of Surgical Research*, 57:179-84, 1994.
- 7.\* **Kaplan L**, Bellows CF, Carter S, Blum H, Whitman GJR. The phosphocreatine overshoot occurs independent of myocardial work. *Biochimie*, 77(4):245-48, 1995.
- 8.\* **Kaplan L**, Emami ER, Santora TA, Trooskin SZ. Gastric bezoar following penetrating abdominal injury: diagnosis and endoscopic therapy. *Surgical Endoscopy*, 10: 62-62, 1996.
- 9.\* **Kaplan LJ**, Trooskin SZ, Santora TA. Thoracic compartment syndrome. *Journal of Trauma, Injury, Infection and Critical Care*, 40(2):291-293, 1996.
10. Blank-Reid C, **Kaplan LJ**. Emergency thoracotomy: getting to the heart of an injury. *Nursing '96*, 26(9):24aa-dd, 1996.
11. Blank-Reid C, **Kaplan LJ**. Video recording of trauma resuscitations: a guide to system set-up, personnel concerns, and legal issues. *Journal of Trauma Nursing*, 3(1):9-12, 1996.
- 12.\* **Kaplan LJ**, Blum H, Bellows C, Banerjee A, Whitman GJR. Reversible cardiac injury: creatine kinase recovery restores bioenergetics and function. *Journal of Surgical Research*, 62(1):103- 108, 1996.

13. Blank-Reid C, **Kaplan LJ**. A system for working with unidentified trauma patients. *International Journal of Trauma Nursing*, 2(4):108-110, 1996.
- 14.\* **Kaplan LJ**, Trooskin SZ, Santora TA, Weiss J. Percutaneous drainage of recurrent pneumothoraces and pneumatoceles. *The Journal of Trauma, Injury, Infection and Critical Care*, 41(6):1069-1072, 1996.
- 15.\* **Kaplan LJ**, Santora TA. Technique of sacral hernia repair. *The American Surgeon*, 62(9):762-764, 1996.
- 16.\* **Kaplan LJ**, Santora TA, Blank-Reid C, Trooskin SZ. Improved Emergency Department efficiency with a three tier trauma triage system. *Injury*, 1997, 28(7):449-453.
17. **Kaplan LJ**, Rajiter JJ, Wright R, Mann BD. Improvement in carcinoid cardiac dysfunction following resection of primary ovarian carcinoid tumors is an age-related phenomenon. *Journal of the Pennsylvania Association for Thoracic Surgery*, 1997; 5:28-33.
- 18.\* Santora TA, Sherk H, **Kaplan LJ**. Perineal hernia: an undescribed complication following sacrectomy. *Orthopedics*, 1998; 21(2):203-205.
19. Blank-Reid C, Trooskin SZ, **Kaplan LJ**. Systems improvements for the Emergency Department use of paralytic agents. *International Journal of Trauma Nursing*, 1998; 4(1):9-12.
- 20.\* Roth J, Blank-Reid CA, Lackman D, **Kaplan LJ**. Myositis ossifians traumatica. *Contemporary Surgery*, 1998; 53(2):91-102.
- 21.\* **Kaplan LJ**, Pameijer C, Solomon M, Granick MA. Decubitis ulceration leading to necrotizing fasciitis. *Advances in Wound Care*, 1998; 11(4):185-89.
- 22.\* Klein D, Kozar RA, **Kaplan L**. Traumatic hematuria in patients with polycystic kidney disease. *The American Surgeon*, 1999; 65(5):464-6.
- 23.\* Bailey H, Perez N, Blank-Reid C, **Kaplan L**. Atlanto-occipital dissociation: an unusual cause of lethal airbag injury. *Journal of Emergency Medicine*, 2000; 18(2): 215-219.
- 24.\* Walters W, Bailey H, **Kaplan LJ**. Can preclinical medical students be indoctrinated into the continuing medical education process by instructing prehospital health care providers? *American Journal of Surgery*, 2000; 179(3):229-33.
- 25.\* **Kaplan LJ**, Bailey H, Kellum J. The etiology and significance of metabolic acidosis in trauma patients. *Current Opinion in Critical Care*, 1999; Vol 5(6):458-463.
- 26.\* **Kaplan LJ**, McPartland K, Santora TA, Trooskin SZ. Start with the physical examination to identify hypoperfusion in ICU patients. *Journal of Trauma, Injury, Infection and Critical Care* 2001; 50:620-628.

- 27.\* **Kaplan LJ**, Bailey H, Formosa V. APRV increases cardiac performance in patients with acute lung injury / adult respiratory distress syndrome. *Critical Care* 2001, 5(4):221-226.
- 28.\* Nissman S, Mann D, **Kaplan LJ**. A critical reappraisal of the literature-driven practice of analgesia administration for acute abdominal pain in the Emergency Room prior to surgical evaluation. *American Journal of Surgery*, 2003; 185(4):291-6.
- 29.\* Levison ME, Terry SM, Pitsakis PG, May PL, **Kaplan LJ**, Emery CL. Increasing prevalence of fluoroquinolone-resistant *Escherichia coli* in an academic medical center hospital: an epidemiologic investigation. **Submitted** to: *Clinical Infectious Diseases*, January 24, 2003.
- 30.\* **Kaplan LJ**, Kellum JA. Initial pH, base deficit, lactate, anion gap, strong ion difference and strong ion gap predicts outcome from major vascular injury. *Critical Care Medicine* 2004; 32(5):1120-1124.
- 31.\* Frangos S, **Kaplan LJ**. Acid-base abnormalities in the ICU: part II. **Accepted** to *Critical Care*, May, 2004.
- 32.\* Rabinovici R, Frankel H, **Kaplan LJ**. Trauma resuscitation (monograph). *Current Problems in Surgery* 2004; 40(10):591-682
- 33.\* Gurney J, Philbin N, Rice J, Dong F, BL, **Kaplan L**, McCarron R, Freilich D. Bovine polymerized hemoglobin (BPM) vs. 6% hetastarch in an uncontrolled liver injury hemorrhagic shock swine model with delayed evacuation. **Accepted** to, *Journal of Trauma*, 2004.

### EDITORIALS

- 1.\* **Kaplan LJ**. Comment on Oxygen debt criteria quantify the effectiveness of early partial resuscitation after hypovolemic hemorrhagic shock. *J Trauma* 2003; 54(5):880
- 2.\* **Kaplan LJ**. Reply to letter to the editor Re: A critical reappraisal of the literature-driven practice of analgesia administration for acute abdominal pain in the Emergency Room prior to surgical evaluation. *American Journal of Surgery*, Accepted, October, 2003.
- 3.\* **Kaplan LJ**. Reply to letter to the editor Re: Oxygen debt criteria quantify the effectiveness of early partial resuscitation after hypovolemic hemorrhagic shock. *J Trauma*, 2004; 56(2):455-6

## **BOOK CHAPTERS**

1. Santora TA, **Kaplan LJ**, Trooskin SZ. Care of the Inured Elderly. *In* Principles, Practice and Perspectives in Geriatric Surgery, Rosenthal R, and Zenilman ME (eds), Springer-Verlag, New York, New York, pp. 240-62, 2000.
2. Bailey H, **Kaplan LJ**. Asthma. Expert Rapid Response. Mosby-Year Book, Inc., Philadelphia, PA, pp. 30-34, 1998.
3. **Kaplan LJ**. Adult Respiratory Distress Syndrome. Expert Rapid Response. Mosby-Year Book, Inc., Philadelphia, PA, pp. 5-9, 1998.
4. **Kaplan LJ**. Anaphylaxis. Expert Rapid Response. Mosby-Year Book, Inc., Philadelphia, PA, pp. 13-16, 1998.
5. **Kaplan LJ**. Acute Airway Obstruction. Expert Rapid Response. Mosby-Year Book, Inc., Philadelphia, PA, pp. 10-12, 1998.
6. Santora T, **Kaplan L**, Trooskin SZ. Clearance of the cervical spine. *In: Initial Management of Injuries*. Eds: R. Sing and P. M. Reilly, British Medical Association/BMJ Books, 2000, pp. 20-30.
7. **Kaplan LJ**, Blank-Reid C. Critical Care of the Neuroscience Patient (Chapter 13). *In: Neuroscience Nursing – Spectrum of Care*, 2<sup>nd</sup> edition. Ed: E. Barker, Mosby, 2002, p. 351-78.
8. **Kaplan LJ**. Trauma Resuscitation. *Anesthesia, Pain, Intensive Care and Emergency Medicine*, 16<sup>th</sup> Edition. Ed: A. Gullo, Springer, 2001; pp. 107-124.
9. Terry SM, **Kaplan LJ**. Near-Drowning, Drowning and Submersion Injuries. *In* Anesthesia, Trauma and Intensive Care, 1<sup>st</sup> Edition. Eds: W Wilson, CM Grande, and DB Hoyt. *In press*.
10. **Kaplan LJ**. Acid-base problems in trauma resuscitation. *In* Anesthesia, Trauma and Intensive Care, 1<sup>st</sup> Edition. Eds: W Wilson, CM Grande, and DB Hoyt. *In press*.
11. **Kaplan LJ**. Endpoints of resuscitation. *In* Anesthesia, Trauma and Intensive Care, 1<sup>st</sup> Edition. Eds: W Wilson, CM Grande, and DB Hoyt. *In press*.
12. Bailey H, **Kaplan LJ**. Mechanical Ventilation. *In* Clinical Procedures in Emergency Medicine. 4<sup>th</sup> Edition. Eds. J Hedges and J Roberts. WB Saunders, 2003, pp. 146-170.

## INTERNET PUBLICATIONS: BOOK CHAPTERS

1. **Kaplan LJ**, Bailey H. Penetrating Abdominal Trauma. eMedicine:Emergency Medicine [serial online]. 1998. Available at: <http://www.emedicine.com>
2. Bailey H, **Kaplan LJ**. Barotrauma. eMedicine:Internal Medicine/Surgery/Ob-Gyn/Psychiatry [serial online]. 1998. Available at: <http://www.emedicine.com>
3. Bailey H, **Kaplan LJ**. Systemic Inflammatory Response Syndrome. eMedicine: Internal Medicine/Surgery/Ob-Gyn/Psychiatry [serial online]. 1998. Available at: <http://www.emedicine.com>
4. Pucci R, **Kaplan LJ**. Ileus. eMedicine: Internal Medicine/Surgery/Ob-Gyn/Psychiatry [serial online]. 1998. Available at: <http://www.emedicine.com>
5. **Kaplan LJ**, Coffman D. Splenomegaly. eMedicine: Internal Medicine/Surgery/Ob-Gyn/Psychiatry [serial online]. 1998. Available at: <http://www.emedicine.com>

## ABSTRACTS

\* = peer review

1. **Kaplan LJ**, Blum H, Banerjee A, Whitman GJR. Protecting myocardial creatine kinase activity during reperfusion improves bioenergetics and contractile function. Association for Academic Surgery Program, 26<sup>th</sup> Annual Meeting Program Book, p. 160, 1992.
- 2.\* **Kaplan L**, Wolf M, Blum H, Whitman GJR. Prolongation of warm ischemia increases coronary vascular resistance and decreases H<sub>2</sub>O<sub>2</sub> production during reperfusion. *Biophysical Journal* 1993; 64(2): A366.
3. **Kaplan L**, Bellows CF, Carter S, Blum H, Whitman GJR. Ischemic preconditioning preserves end-ischemic ATP, enhancing functional recovery and coronary flow during reperfusion. Association for Academic Surgery Program, 27<sup>th</sup> Annual Meeting Program Book, p. 1, 1993.
4. Kamelgard J, Galili V, Crestanello JA, **Kaplan LJ**, DiSesa VJ, Whitman GJR. Naturally occurring antibodies may mediate deterioration of bioprosthetic porcine heart valves. Pennsylvania Association for Thoracic Surgery 32<sup>nd</sup> Annual Meeting Program Book, p. 15, 1994.
- 5.\* **Kaplan LJ**, Santora TA, Blank-Reid C, Trooskin SZ. Improved Emergency Department efficiency with a three tier trauma triage system. *Journal of Trauma, Injury, Infection and Critical Care*; 1995; 40(12):403.
6. **Kaplan LJ**, Rajiter JJ, Wright R, Mann BD. Improvement in carcinoid cardiac dysfunction following resection of primary ovarian carcinoid tumors is an age-related phenomenon. Pennsylvania Association for Thoracic Surgery 34<sup>th</sup> Annual Meeting Program Book, p. 7, 1996.

7. **Kaplan LJ**, Blank-Reid C, FitzSimmons J, Trooskin SZ. Focusing trauma education during pregnancy. 10<sup>th</sup> Annual International Trauma Anesthesia and Critical Care Symposium Program Book, p. 34, 1997.
- 8.\* **Kaplan LJ**, Bailey H, Blank-Reid C, Trooskin SZ. Reducing gravid trauma patient ICU resource utilization. *Critl Care Med*;1998; 26(1):A42.
- 9.\* **Kaplan LJ**, Bellows C, Blum H, Whitman GJR. Peroxide paralysis of creatine kinase and glycolysis underlies reperfusion injury. *Crit Care Med*;1998; 26(1):A121.
- 10.\* **Kaplan L**, Bailey H, Kozar R, Trooskin SZ. Initial pH, base deficit, lactate, strong ion difference and gap, but not anion gap predict outcome from major vascular injury. *Crit Care Med*; 1999; 27(1):A 174.
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18. Walters W, Evenhouse M, Wydro G, Bailey H, **Kaplan LJ**. Can preclinical medical students successfully function as prehospital care educators? Society for Academic Emergency Medicine Annual Mid Atlantic Research Conference program guide.
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- 28.\* **Kaplan LJ**, Bailey H. Bispectral index (BIS) monitoring of patients in continuous infusion of sedatives and paralytics reduces sedative drug utilization and cost. *Critical Care*, 2000; 4(Suppl. 1):S110.
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30. Schantz A, Bailey H, **Kaplan LJ**. Intravascular volume depletion in patients with myocardial infarction: a role for pulmonary artery catheters in the Emergency Department. Mid-Atlantic Regional Society of Academic Emergency Medicine annual meeting, January 20, 2000; program guide, p. X.

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33. Satz WA, Bailey H, Walters W, Wydro G, **Kaplan LJ**. Do trauma patients benefit from endotracheal intubation in the field versus delay in the ED? Mid-Atlantic Regional Society of Academic Emergency Medicine annual meeting, January 20, 2000; program guide.
34. Cipolla J, Kozar R, Satz W, Klein A, **Kapan LJ**. Mass transit strike hits cyclist hardest. Mid-Atlantic Regional Society of Academic Emergency Medicine annual meeting, January 20, 2000; program guide.
- 35\*. Patterson T, Bailey H, **Kaplan LJ**. Hyperchloremia induces acidosis, increases the strong ion gap, and impairs coagulation. *Critical Care Medicine*, 2000; 28(12):A118
- 36\*. Usatch B, Yeh E, Bailey H, **Kaplan LJ**. Medical emergencies in US theme parks: focus on automatic external defibrillator (AED) utilization. *Critical Care Medicine*, 2000; 28(12):A146
- 37\*. Walters W, **Kaplan LJ**, Bialy B, et al.. Tertiary intensive care in Albania: a descriptive analysis. *Critical Care Medicine*, 2000; 28(12):A144
- 38\*. Schantz A, Bailey H, **Kaplan LJ**. Intravascular volume depletion in patients with myocardial infarction: a role for pulmonary artery catheters in the Emergency Department. *Critical Care Medicine*, 2000; 28(12):A154
- 39\*. **Kaplan LJ**, Bailey H, Walters W. Large volume resuscitation with hydroxyethyl starch in lactated ringers solution restores perfusion and minimally induces hyperchloremia without impairing coagulation. *Critical Care* 2001; 5(Suppl 1):S53
- 40\*. **Kaplan LJ**, Bailey H. Lesson learned from airway pressure release ventilation. *Critical Care* 2001; 5(Suppl 1):S9-10
- 41\*. Villanueva TM, Klucar-Stoudt A, **Kaplan LJ**. Does having a gross deformity in a pediatric fracture affect a patient's management? First Mediterranean Emergency Medicine Congress, Turin, Italy, September 6, 2001.

- 42\*. Eastern Association for the Surgery of Trauma (EAST) Multi-institutional Blunt Small Bowel Injury Research Group. Blunt hollow viscus and small bowel injury: incidence, mortality, and morbidity from a large multicenter experience. EAST Annual meeting, Jan. 2002.
- 43\*. Eastern Association for the Surgery of Trauma (EAST) Multi-institutional Blunt Small Bowel Injury Research Group. Diagnosing blunt small bowel injury: an analysis of the clinical utility of CT scan from a multicenter experience. EAST Annual meeting, Jan. 2002.
- 44\*. Eastern Association for the Surgery of Trauma (EAST) Multi-institutional Blunt Small Bowel Injury Research Group. The failure of traditional signs and symptoms of acute abdomen to establish the diagnosis of perforating small bowel injury in blunt trauma: a large multicenter experience. EAST Annual meeting, Jan. 2002.
- 45\*. Eastern Association for the Surgery of Trauma (EAST) Multi-institutional Blunt Small Bowel Injury Research Group. Motor vehicle crash and abdominal seatbelt mark as risk factors for perforating small bowel injury: results from the EAST multi-institutional trial. EAST Annual meeting, Jan. 2002.
- 46\*. Walters WA, Wydro GC, **Kaplan LJ**, Bilaj F, Derivishi M. Airway management in Albanian emergency departments – a manpower and training survey. Academy of Academic Emergency Medicine annual meeting, November 27, 2001.
- 48\*. Walters WA, Wydro GC, **Kaplan LJ**, Bilaj F, Derivishi M. Combining physician and nurse life support training in a developing country: results of the Albania pilot project. National Association of Emergency Medical Service Providers 2002 annual meeting guide, January 10-12, 2002.
- 49\*. Vilanueva TM, Bailey H, Walters W, **Kaplan LJ**. Rear versus front seat passenger injury patterns. *Crit Care Med* 2001; 29(12):A187
- 50\*. Patterson T, Bailey H, **Kaplan LJ**. Bispectral Index monitoring: an essential component of conscious sedation. *Crit Care Med* 2001; 29(12):A121
- 51\*. Levison M, Terry S, **Kaplan LJ**, Pitsakis P. Increasing prevalence of fluoroquinolone resistant E. coli. 40<sup>th</sup> Annual Meeting of the Infectious Diseases Society of America, October 24-27, 2002
- 52\*. Satz WA, Ufberg J, **Kaplan LJ**. Are survival rates for teens with severe penetrating trauma better at adult trauma centers? Annual Society of Academic Emergency Medicine meeting May, 2003.
- 53\*. **Kaplan LJ**. Emerging pathogens: evidence-based interventions. *TraumaCare*, 2003.
- 54\*. **Kaplan LJ**. Update in fluid resuscitation and acid-base balance. *Traumacare*, 2003.

- 55\*. Gurney J, Philbin N, Rice J, Dong F, BL, **Kaplan L**, McCarron R, Freilich D. Bovine polymerized hemoglobin (BPM) vs. 6% hetastarch in an uncontrolled liver injury hemorrhagic shock swine model with delayed evacuation. *Journal of Trauma*, 2004.
- 56\*. **Kaplan LJ**, Terry S, Frankel H. APRV (Airway Pressure Release Ventilation) favorably impacts ventilator associated pneumonia (VAP) rates. *Critical Care Medicine*, 2004.
- 57\*. **Kaplan LJ**, Frankel HL, Hojman H, Portereiko JP, Gave A, Rabinovici R. What Price for general surgery? **Accepted to AAST Annual Meeting**, 2004.
- 58\*. Freitas ML, Frankel HL, Frangos SG, Portereiko JP, **Kaplan LJ**, Rabinovici R. Perception and reality of resident versus trauma attending work patterns. **Accepted to AAST Annual Meeting**, 2004.
- 59.\*. **Kaplan LJ**, Gureney J, Arnaud F, Philbin N, Freilich D. Resuscitation from hemorrhagic shock: fluid selection and infusion strategy drives unmeasured ion genesis. **Accepted to the Eastern Association for the Surgery of Trauma Annual Meeting January 11-15, 2005, Ft. Lauderdale, Florida.**

#### **SHORT COMMUNICATIONS**

1. **Kaplan LJ**. BIS Use in ICU. *The Aspect Monitor*, Spring 2000, pp. 1-2.

## **INTERNATIONAL / NATIONAL PRESENTATIONS (Invitation)**

### **2004**

1. **Kaplan LJ.** Update in clinical HBOC trials. Society for the Advancement of Blood Management, January 12, 2004, Miami, Florida.
2. **Kaplan LJ.** Surgical Infections. New York City Surgical Resident ABSITE Review course. Beth Israel Medical Center, New York City, NY, January 18, 2004.
3. **Kaplan LJ.** Trauma and Critical Care. New York City Surgical Resident ABSITE Review course. Beth Israel Medical Center, New York City, NY, January 18, 2004.
4. **Kaplan, LJ.** Current state of the art in fluid resuscitation. PA-NJ Society for Critical Crae Medicine Annual meeting, March 7, 2004, Phiiladelphia, PA.
5. **Kaplan LJ.** Infections in the ICU: treatment strategies and management paradigms. Surgical Grand Rounds at Charleston Area Medical Center, May 21, 2004, Chalreston, West Virginia.
6. **Kaplan LJ.** Management of tertiary peritonitis: failure of host defense. Surgical Grand rounds at Western Pennsylvania Hospital, June 2, 2004, Pittsburgh, PA.
7. **Kaplan LJ.** Fluid Resuscitation of the combat casualty. Grand Rounds at the United States Airf Force Special Operations Command, June 11, 2004, Fort Hurlburt Field, Florida.
8. **Kaplan LJ.** Field and hospital managemnt of acute lung injury. Grand Rounds at the United States Airf Force Special Operations Command, June 11, 2004, Fort Hurlburt Field, Florida.
9. **Kaplan LJ.** Acid-base abnormalities in the ICU: Why should we care? Satellite Symposium at the Canadian Anesthesiologist's Society annual meeting, June 19, 2004, Quebec, Canada.

### **2003**

1. **Kaplan LJ.** Surgical Infections. New York City Surgical Resident ABSITE Review course. Beth Israel Medical Center, New York City, NY, January 13, 2003.
2. **Kaplan LJ.** Shock and Sepsis. New York City Surgical Resident ABSITE Review course. Beth Israel Medical Center, New York City, NY, January 13, 2003.
3. **Kaplan LJ.** Intra-abdominal sepsis: paradigms for successful management. Surgery Grand Rounds, Allegheny General Hospital, Pittsburgh, PA, March 11, 2003.
4. **Kaplan LJ.** STORM ACT. US Airforce Clinical Surgeons Annual meeting, San Antonio, TX, April 2, 2003 (Presentation and Panel discussion).

5. **Kaplan LJ.** Airway Pressure Release Ventilation: the future of trauma ventilation. Trends In Trauma and Cardiovascular Nursing, Philadelphia, PA, April 5, 2003.
6. **Kaplan LJ.** Gastrointestinal Hemorrhage. Trends In Trauma and Cardiovascular Nursing, Philadelphia, PA, April 5, 2003.
7. **Kaplan LJ.** Aortic and Tracheal Injuries: Diagnosis and Management. Trends In Trauma and Cardiovascular Nursing, Philadelphia, PA, April 5, 2003.
8. **Kaplan LJ.** APRV and advanced ventilation techniques for the trauma patient. Surgery Grand Rounds. Grant Medical Center, Columbus, Ohio, April 23, 2003.
9. **Kaplan LJ.** Gastrointestinal Hemorrhage. Surgery Grand Rounds. Doctor's Hospital, Columbus, Ohio, April 23, 2003.
10. **Kaplan LJ.** Intra-abdominal sepsis: paradigms for successful management. Surgery Grand Rounds, Ohio State University, Columbus, Ohio, April 24, 2003.
11. **Kaplan LJ.** Advances in Trauma Management. Marion General Hospital. Grand Rounds. Marion, Ohio, April 24, 2003
12. **Kaplan, LJ.** Emerging pathogens: evidence-based interventions. ATACCS Annual Conference, Dallas, TX, May 13-16, 2003
13. **Kaplan LK.** Update in acid-base balance in trauma patients. ATACCS Annual Conference, Dallas, TX, May 13-16, 2003
14. **Kaplan LJ.** Emerging Pathogens in the Emergency Setting. Emergency Medicine Grand Rounds, Hospital of the University of Pennsylvania, August 5, 2003, Philadelphia, PA.
15. **Kaplan LJ.** Emerging Pathogens, antibiotic interventions, and chronic wounds. UMDNJ-New Jersey Medical School Podiatry Symposium, Newark, NJ, September 13, 2003.
16. **Kaplan LJ.** Management of blunt hepatic and splenic injury. Surgical Grand Rounds. UMDNJ-New Jersey Medical School, Department of Surgery, Newark, NJ, September 26, 2003.
14. **Kaplan LJ.** Novel agents for Hemostasis. Surgical Grand Rounds, Penn State College of Medicine, Hershey Medical Center, November 18, 2003, Hershey, PA.

## 2002

1. **Kaplan LJ.** The “not-so-young anymore” patient – the key role of intensive care monitoring and therapy to improve survival in elderly trauma patients. TraumaCare 2002, Stavanger, Norway, May 24, 2002.

2. **Kaplan LJ.** Strategies To Reduce Military and Civilian Transfusion. TraumaCare 2002, Stavanger, Norway, May 24, 2002.
3. **Kaplan LJ.** Aortic and tracheal injuries. Trends in Trauma and Cardiovascular Nursing, Philadelphia, PA, April 8, 2002.
4. **Kaplan LJ.** Hyperbaric medicine – the depths of emergency care. Trends in Trauma and Cardiovascular Nursing, Philadelphia, PA, April 8, 2002.
5. **Kaplan LJ.** New concepts in acid-base balance. Surgical Grand Rounds. Cook County Hospital, Chicago, IL, February 21, 2002.
6. **Kaplan LJ.** Trauma resuscitation – the impact of fluid choice on pH and outcome. Surgical Grand Rounds. Hackensack Hospital, Hackensack, NJ, April 9, 2002.
7. **Kaplan LJ.** A new paradigm for acid-base balance: implications for resuscitation fluid selection. Society of Cardiac Anesthesiologists Annual meeting, April 21, 2002, New York City, NY.
8. **Kaplan LJ.** What’s new in acid-base physiology – importance to intra-operative fluid management. New York State CRNA Convention. New Paulitz, NY, April 20, 2002.
9. **Kaplan LJ.** Post-Copernican acid-base balance. Anesthesia Grand Rounds. Maimonidies Medical Center, New York City, NY, April 26, 2002.
10. **Kaplan LJ.** Trauma resuscitation, new developments in fluid choices. European Shock Shock Society. Oslo, Norway, October 5-7, 2002.
11. **Kaplan, LJ.** New concepts in acid-base balance. Surgical Grand Rounds, Mercy Hospital of Chicago, Chicago, IL, January 8, 2002.
12. **Kaplan LJ.** Surgical Infections. New York City Surgical Resident ABSITE Review course. Beth Israel Medical Center, New York City, NY, January 12, 2002.
13. **Kaplan LJ.** Acid-base balance in trauma resuscitation. 101<sup>st</sup> Air Assault Medical Branch, Fort Campbell, KY, March 7, 2002.
14. **Kaplan LJ.** Applied physiology of acid-base balance. Cardiac Surgery Grand Rounds, Kaiser Permanente, Los Angeles, CA, April 30, 2002.
15. **Kaplan LJ.** STORM ACT. Brooks Army Medical Center, San Antonio, TX, May 14, 2002.
16. **Kaplan LJ.** Emerging Pathogens and Interventions for Clinicians. Antibiotic Prophylaxis. Chicago, IL, June 8-9, 2002.

17. **Kaplan LJ.** Issues in resuscitation – crystalloid versus colloid. Surgical Grand Rounds. Baptist Medical Center, Birmingham, AL, July 24, 2002.
18. **Kaplan LJ.** Geriatric trauma: improving outcomes. 4th Annual Issues in Perioperative Anesthesia and Critical Care. Dingle, Irlend, October 2-6, 2002.

#### **2001**

1. **Kaplan LJ.** Update on Surgical Critical Care and Trauma: Ultrasound in the ICU. International Trauma Anesthesia and Critical Care Society Annual Meeting. San Diego, CA, May 3-7, 2001.
2. **Kaplan LJ.** Difficult Cases and Challenges. International Trauma Anesthesia and Critical Care Society Annual Meeting. San Diego, CA, May 3-7, 2001. Panel member.
3. **Kaplan LJ.** Geriatric Trauma. World Congress of Intensive and Critical Care Medicine. Sydney, Australia, October 28-November 1, 2001.
4. **Kaplan LJ.** TraumaMaster: Clinical Challenges, Difficult Decisions. Panel presentation. World Congress of Intensive and Critical Care Medicine. Sydney, Australia, October 28-November 1, 2001.
5. **Kaplan LJ.** Surgical Airway Maneuvers. Mini-lecture and workshop. World Congress of Intensive and Critical Care Medicine. Sydney, Australia, October 28-November 1, 2001.
6. **Kaplan LJ.** Acid-base disorders in trauma patients. Mini-symposium presentation: Acid-base disorders in the critically ill: new heights and new approaches to analysis. Society of Critical Care Medicine 30<sup>th</sup> Educational and Scientific Symposium, San Francisco, California, February 10-14, 2001.
7. **Kaplan LJ.** Society of Critical Care Medicine 30<sup>th</sup> Educational and Scientific Symposium Video Highlights: acid-base disorders in trauma patients – what have we learned?
8. **Kaplan LJ.** Aortic and tracheal injuries. Trends in Trauma and Cardiovascular Nursing. Philadelphia, PA April 22, 2001
9. **Kaplan LJ.** Acid-base physiology for the new millennium. Trends in Trauma and Cardiovascular Nursing. Philadelphia, PA April 22, 2001
10. **Kaplan LJ.** Trauma – the team challenge. International Trauma Anesthesia and Critical Care Society CME Course. Chairman and Lecturer. Acute Lung Injury, Advanced Ventilation Techniques, Management of Traumatic Brain Injury, New Concepts in Acid-base Balance, Damage Control Surgery. Tucson, Arizona, April 9-13, 2001.
11. **Kaplan LJ.** Acid-base disorders in trauma patients. Surgical Grand Rounds. Duke University Medical Center. Durham, North Carolina. May 2, 2001.

12. **Kaplan LJ.** Crystalloid versus colloid resuscitation. Optimal fluid selection. Pro-con debate. Triangle Critical Care Symposium. Durham, North Carolina. May 1, 2001.
13. **Kaplan LJ.** Hydroxyethyl starch solutions for large volume resuscitation. Impact on acid-base balance and coagulation parameters. Combat Resuscitation 2001. US Navy Annual Resuscitation Forum. Bethesda, MD. June 18-20, 2001.
14. **Kaplan LJ.** New Concepts in Acid-Base Balance. Surgical Grand Rounds. Fairview Hospital, Cleveland, Ohio. June 6, 2001.
15. **Kaplan LJ.** New Concepts in Acid-Base Balance. Surgical Grand Rounds. Lakeland Hospital, Cleveland, Ohio. June 6, 2001.
16. **Kaplan LJ.** The use of colloids for trauma resuscitation. Combat Fluid Resuscitation 2001. Uniformed Services University of the Health Sciences. Bethesda, MD. June 18-20, 2001.
17. **Kaplan LJ.** Trauma resuscitation. 16<sup>th</sup> Annual Anesthesia, Pain, Intensive Care and Emergency Medicine Congress, Trieste, Italy, November 17-20, 2001.

#### 2000

1. **Kaplan LJ.** State of the art innovations in surgical critical care for the new millennium. International Trauma Anesthesia and Critical Care Society Annual meeting. Mainz, Germany, May 4, 2000.
2. **Kaplan LJ.** Innovations in electrolytes and acid-base balance. International Trauma Anesthesia and Critical Care society Annual Meeting. Mainz, Germany, May 4, 2000.
3. **Kaplan LJ.** Aortic and tracheal injuries. Trends in Trauma and Cardiovascular Nursing. Philadelphia, PA April 2-5, 2000
4. **Kaplan LJ.** Acid-base physiology for the new millennium. Trends in Trauma and Cardiovascular Nursing. Philadelphia, PA April 2-5, 2000.
5. **Kaplan LJ.** What is new in electrolytes for the peri-operative patient? Louisville Society of Anesthesiology, Louisville, Kentucky, June 21, 2000.
6. **Kaplan, LJ.** New concepts in acid-base balance. Surgical Grand Rounds, Grant Medical Center, Columbus, Ohio, June 28, 2000.
7. **Kaplan LJ.** Changing peri-operative management fluid and acid-base management using the strong ion difference. Combined Anesthesia and Surgery Grand Rounds, Kaiser Permanente Hospital System, Fontana, California, September 6, 2000.

8. **Kaplan LJ.** Airway Pressure Release Ventilation: frontier therapy for acute lung injury and the acute respiratory distress syndrome. Czech Republic National Symposium on Critical Care Medicine. Prague, Czech Republic, September 21-24, 2000
9. **Kaplan LJ.** New concepts in acid-base balance: implications for resuscitation and critical care. Critical Care Grand Rounds. Duke University Medical Center. Durham, North Carolina. November 17, 2000.

#### **1999**

1. **Kaplan LJ.** Sepsis: the great beyond. Trends in Trauma and Cardiovascular Nursing, Philadelphia, PA, April 11, 1999.
2. **Kaplan LJ.** New ventilator strategies for acute lung injury. Trends in Trauma and Cardiovascular Nursing, Philadelphia, PA, April 11, 1999.
3. **Kaplan LJ.** Critical review of “Randomized prospective controlled trial of antibiotic prophylaxis in high risk patients with penetrating abdominal trauma” at the Eastern Association of Trauma annual scientific meeting, January 15, 1999, Orlando, Florida.
4. **Kaplan LJ.** The meaning of lactic acidosis. American Thoracic Society – American Lung Association 1999 International Conference, San Diego, California, April 28, 1999.
5. **Kaplan LJ,** Bailey H, Altevener R, Mann B. The ultimate integration of basic and clinical science: the Critical Care Module of the Interdisciplinary Foundations of Medicine curriculum. The International Association of Medical Science Educators 4<sup>th</sup> Biennial Meeting, July 17-20, 1999, Washington, DC.
6. **Kaplan LJ.** Airway and ventilation emergencies. The 11<sup>th</sup> Annual International Congress of the Egyptian Medical Syndicate. November 8-11, 1999, Cairo, Egypt.
7. **Kaplan L.** Acid-base physiology challenges for the new millenium. State of the art resuscitation and resuscitation fluid conference. November 17-19, 1999, Royal College of Surgeons, London, England.

#### **1998**

1. **Kaplan LJ.** Tracheal and aortic injuries. Trends in Trauma and Cardiovascular Nursing. March 29, 1998, Philadelphia, PA.
2. **Kaplan LJ.** Multisystem organ failure: new interventions for sepsis. Trends in Trauma and Cardiovascular Nursing. March 29, 1998, Philadelphia, PA.

#### **1996**

1. **Kaplan LJ.** Thoracic Trauma. Trends in Trauma and Cardiovascular Nursing. March 18, 1996, Philadelphia, PA.

2. **Kaplan LJ.** Impalement Injuries. Trends in Trauma and Cardiovascular Nursing. March 18, 1996, Philadelphia, PA.

## INTERNATIONAL/NATIONAL PRESENTATIONS (Peer-Review)

### 2004

1. **Kaplan LJ**, Terry S, Frankel H. APRV (Airway Pressure Release Ventilation) favorably impacts ventilator associated pneumonia (VAP) rates. Society for Critical Care Medicine Annual Meeting, February, 2004
2. Gurney J, Philbin N, Rice J, Dong F, BL, **Kaplan L**, McCarron R, Freilich D. Bovine polymerized hemoglobin (BPM) vs. 6% hetastarch in an uncontrolled liver injury hemorrhagic shock swine model with delayed evacuation. Eastern Association for The Surgery of Trauma annual meeting, Januray, 2004.
3. Dong F, Hong SA, Golech N, Philbin NB, Rice JP, Arnaud G, **Kaplan LJ**, McCarron M, Freilich DA. Effect of HBOC-201 resuscitation on alterations of cellular immune function in a swine model of livber injury and uncontrolled hemorrhage. *Presented by LJ Kaplan* at Society for the Advancement of Blood Management annual meeting, January 10-12, 2004, Miami, Florida.

### 2003

1. Satz WA, Ufberg J, **Kaplan LJ**. Are survival rates for teens with severe penetrating trauma better at adult trauma centers? Annual Society of Academic Emergency Medicine meeting May, 2003.

### 2002

1. Vilanueva TM, Bailey H, Walters W, **Kaplan LJ**. Rear versus front seat passenger injury patterns. Society of Critical Care Medicine 31<sup>st</sup> annual Critical Care Congress, San Diego, California, January 26-30, 2002
2. Patterson T, Bailey H, **Kaplan LJ**. Bispectral Index monitoring: an essential component of conscious sedation. Society of Critical Care Medicine 31<sup>st</sup> annual Critical Care Congress, San Diego, California, January 26-30, 2002
3. Walters WA, Wydro GC, **Kaplan LJ**, Bilaj F, Derivishi M. Combining physician and nurse life support training in a developing country: results of the Albania pilot project. *Presented by W Walters* at the National Association of Emergency Medical Service Providers 2002 annual meeting, Tucson, Arizona, January 10-12, 2002.

### 2001

1. Patterson T, Bailey H, **Kaplan LJ**. Hyperchloremia induces acidosis, increases the strong ion gap, and impairs coagulation. 30<sup>th</sup> Educational and Scientific Symposium of the Society of Critical Care Medicine, February 10-15, 2001, San Francisco, California.
2. Usatch B, Yeh E, Bailey H, **Kaplan LJ**. Medical emergencies in US theme parks: focus on automatic external defibrillator (AED) utilization. 30<sup>th</sup> Educational and Scientific Symposium of the Society of Critical Care Medicine, February 10-15, 2001, San Francisco, California.

3. Walters W, **Kaplan LJ**, Bialy B, et al.. Tertiary intensive care in Albania: a descriptive analysis. 30<sup>th</sup> Educational and Scientific Symposium of the Society of Critical Care Medicine, February 10-15, 2001, San Francisco, California.
4. Schantz A, Bailey H, **Kaplan LJ**. Intravascular volume depletion in patients with myocardial infarction: a role for pulmonary artery catheters in the Emergency Department. 30<sup>th</sup> Educational and Scientific Symposium of the Society of Critical Care Medicine, February 10-15, 2001, San Francisco, California.
5. **Kaplan LJ**, Bailey H, Walters W. Large volume resuscitation with hydroxyethyl starch in lactated ringers solution restores perfusion and minimally induces hyperchloremia without impairing coagulation. 21<sup>st</sup> International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium, March 20-23, 2001.
6. **Kaplan LJ**, Bailey H. Lesson learned from airway pressure release ventilation. 21<sup>st</sup> International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium, March 20-23, 2001.

#### 2000

1. **Kaplan LJ**, McPartland K, Santora TA, Trooskin SZ. Start with the physical examination to identify hypoperfusion in ICU patients. *Presented by Trooskin SZ*. Eastern Association for the Surgery of Trauma Annual Meeting, Sanibel, Florida, January 15, 2000.
2. Satz W, Bailey H, Walters W, Wagner DK, **Kaplan LJ**. Outcome from pediatric trauma is maximized by Level 1 trauma centers. Eastern Association for the Surgery of Trauma Annual Meeting, Sanibel, Florida, January 13, 2000.
3. Hendrickson R, Yeh E, Bailey H, Mann B, **Kaplan LJ**. Integrating basic and clinical science: the critical care module of the Interdisciplinary Foundations of Medicine curriculum. Society of Critical Care Medicine Annual meeting, Orlando, Florida, February 10-15, 2000.
5. **Kaplan LJ**, Bailey H, Klein A, Walters WA, Kellum J. Strong ion gap: a predictor of early mortality following blunt or penetrating trauma. 29<sup>th</sup> Society of Critical Care Medicine Annual meeting, Orlando, Florida, February 10-15, 2000.
5. **Kaplan LJ**, Bailey H. A comparison of pulmonary artery occlusion pressure (PaOP) measurements using pressure controlled ventilation (PCV) versus airway pressure release ventilation (APRV). 20<sup>th</sup> International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium, March 21-24, 2000.
6. **Kaplan LJ**, Bailey H. Bispectral index (BIS) monitoring of patients in continuous infusion of sedatives and paralytics reduces sedative drug utilization and cost. 20<sup>th</sup>

International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium, March 21-24, 2000.

7. Satz WA, Bailey H, Walters W, Wydro G, **Kaplan LJ**. Do trauma patients benefit from endotracheal intubation in the field versus delay in the ED? Society of Academic Emergency Medicine Annual Meeting; May 20-25, 2000, San Francisco, CA.
8. Cipolla J, Kozar R, Satz W, Klein A, **Kapan LJ**. Mass transit strike hits cyclist hardest. Society of Academic Emergency Medicine Annual Meeting; May 20-25, 2000; San Francisco, CA
9. Satz WA, Wydro G, **Kaplan LJ**, Walters W. Survival benefit of pre-hospital intubation in pediatric trauma. *Presented by W. Satz* at the Americal College of Emergency Physicians Annual Meeting, Philadelphia, PA, October 19-22, 2000

#### 1999

1. **Kaplan LJ**, Bailey H, Kozar R, Trooskin SZ. Initial pH, base deficit, lactate, strong ion difference and gap, but not anion gap predict outcome from major vascular injury. Presented at the 28<sup>th</sup> Society for Critical Care Medicine Annual Meeting, January 23-28, 1999, San Francisco, California.
2. Bailey H, McNamara R, **Kaplan LJ**. Survival following blunt traumatic arrest. Presented at the 28<sup>th</sup> Society for Critical Care Medicine Annual Meeting, January 23-28, 1999, San Francisco, California.
3. Bailey H, Santora T, **Kaplan LJ**. Predicting the need for early pulmonary artery catheterization in elderly trauma patients. Presented at the 28<sup>th</sup> Society for Critical Care Medicine Annual Meeting, January 23-28, 1999, San Francisco, California.
4. **Kaplan LJ**, Bailey H. Hyperdynamic cardiac performance may fail to support cerebral oxygen consumption during sepsis. Presented at the 28<sup>th</sup> Society for Critical Care Medicine Annual Meeting, January 23-28, 1999, San Francisco, California.
5. **Kaplan LJ**, Bailey H, Formosa V. APRV increases cardiac performance in patients with acute lung injury / adult respiratory distress syndrome. 19<sup>th</sup> International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium, March 16-19, 1999.
6. **Kaplan LJ**, Bailey H, DePace D, Mann B. Surgical drama enhances teaching of basic and behavioral science principles: the "Gunshot Wound Module" of the Interdisciplinary Foundations of Medicine curriculum. International Trauma Anesthesia and Critical Care Society Annual Meeting, Chicago, Illinois, May 14, 1999.
6. Bailey H, Walters W, Evenhouse M, Wydro G, **Kaplan LJ**. Can preclinical medical students successfully function as prehospital care educators? *Presented by W Walters* at the 15<sup>th</sup> International Medical Sciences Student Congress, Istanbul, Turkey, April 28-May 1, 1999.

7. Mann B, Ferrier D, Alteveer R, DePace D, Bailey H, **Kaplan LJ**. Curriculum Integration by Mapping Basic Science Lectures to Clinical Symptoms. Workshop at the International Association of Medical Science Educators 4<sup>th</sup> Biennial Meeting, July 17-20, Washington, DC.
8. Mann B, Ferrier D, Alteveer R, DePace D, Bailey H, **Kaplan LJ**. Models of Teaching and Learning Problem Solving. Workshop at the International Association of Medical Science Educators 4<sup>th</sup> Biennial Meeting, July 17-20, Washington, DC.
9. Walters W, Evenhouse M, Wydro G, Bailey H, **Kaplan LJ**. *Presented by W Walters*. Can preclinical medical students successfully function as prehospital care educators? Society of Academic Emergency Medicine annual meeting, May, 1999, Boston, Massachusetts.

#### 1998

1. **Kaplan LJ**, Bailey H, Blank-Reid C, Trooskin SZ. Reducing gravid trauma patient ICU resource utilization. Presented at the 27<sup>th</sup> Society of Critical Care Medicine Educational and Scientific Symposium, San Antonio, Texas; February 4-8, 1998.
2. **Kaplan LJ**, Bellows C, Blum H, Whitman GJR. Peroxide paralysis of creatine kinase and glycolysis underlies reperfusion injury. Presented at the 27<sup>th</sup> Society of Critical Care Medicine Educational and Scientific Symposium, San Antonio, Texas; February 4-8, 1998.
- 3.\* **Kaplan LJ**, Kozar R, Bailey H, Blank-Reid C, Santora TA, Talucci RC, Trooskin SZ. The challenge of pregnant trauma patients: insight gained from a review of a state trauma registry. Presented at the American Association for the Surgery of Trauma Annual Meeting, Baltimore, Maryland, February 1998.

#### 1997

1. **Kaplan LJ**, Blank-Reid C, FitzSimmons J, Trooskin SZ. Focusing trauma education during pregnancy. Presented at the 10<sup>th</sup> Annual International Trauma Anesthesia and Critical Care Symposium, Baltimore, Maryland; May 15-17, 1997.

#### 1996

1. **Kaplan LJ**, Santora TA, Blank-Reid C, Trooskin SZ. Improved Emergency Department efficiency with a three tier trauma triage system. Presented at the Eastern Association for the Surgery of Trauma 9<sup>th</sup> Annual Scientific Meeting, Orlando, Florida; January 13, 1996.

#### 1994

1. Crestanello J, **Kaplan LJ**, Kamelgard J, Bellows C, Blum H, Whitman GJR. Pyruvate improves tolerance to ischemia reperfusion injury by directly protecting against peroxide induced

reperfusion injury. **Presented by J Crestanello** at the 55<sup>th</sup> SUS Residents Section, Jackson, MI, February, 1994.

2. Kamelgard J, Galili V, Crestanello JA, **Kaplan LJ**, DiSesa VJ, Whitman GJR. Naturally occurring antibodies may mediate deterioration of bioprosthetic porcine heart valves. **Presented by J Kamelgard** at the Pennsylvania Association for Thoracic Surgery 32<sup>nd</sup> Annual Meeting, September, 1994.

### 1993

1. **Kaplan LJ**, Bellows CF, Carter S, Blum H, Whitman GJR. Ischemic preconditioning preserves end-ischemic ATP, enhancing functional recovery and coronary flow during reperfusion. Presented in the *Plenary Session* of the 27<sup>th</sup> Annual Meeting of the Association for Academic Surgery, 1993, Hershey, PA.
2. **Kaplan LJ**, Weiman DS, Graver LM, Bellows CF, Carter S, Whitman GJR. Giant bullous emphysema - preoperative evaluation and the case for resection. Poster at the American College of Surgeons 79<sup>th</sup> Annual Clinical Congress, San Francisco, California, October 10-15, 1993.
3. Bellows CF, **Kaplan LJ**, Blum H, Whitman GJR. Cytoplasmic not mitochondrial creatine kinase is responsible for hydrogen peroxide induced reperfusion injury. **Presented by C F Bellows** at the National Student Research Forum 34<sup>th</sup> Annual Meeting, April 15-17, 1993, University of Texas Medical Branch at Galveston.
4. **Kaplan LJ**, Wolf M, Blum H, Whitman GJR. Prolongation of warm ischemia increases coronary vascular resistance and decreases H<sub>2</sub>O<sub>2</sub> production during reperfusion. Presented at the Biophysical Society 37<sup>th</sup> Annual Meeting, February 15-18, 1993, Washington, DC.
5. **Kaplan LJ**, Bellows CF, Blum H, Whitman GJR. Peroxide inactivates only cytoplasmic creatine kinase, reproducing the mechanical and bioenergetic defects of myocardial reperfusion injury. Presented at the Society of University Surgeons Residents Section, 54<sup>th</sup> Annual Meeting February 11-13, 1993, Seattle, Washington.

### 1992

1. **Kaplan LJ**, Blum H, Banerjee A, Whitman GJR. Protecting myocardial creatine kinase activity during reperfusion improves bioenergetics and contractile function. Presented at the 26<sup>th</sup> Annual Meeting of the Association for Academic Surgery in Montreal, Canada, November 18-21, 1992.
2. **Kaplan LJ**, Blum H, Osbakken MO, Ivanics T, Banerjee A, Whitman GJR. After reversible myocardial injury, recovery of creatine kinase activity during reperfusion normalizes high energy phosphate metabolism and ventricular function. Presented at the Surgical Forum of the 78<sup>th</sup> Clinical Congress of the American College of Surgeons, New Orleans, Louisiana, October 11-16, 1992.

### 1991

1. **Kaplan LJ**, Whitman GJR, Spagna P, Zaren H, Barnes AU. Diaphragmatic hernia in the presence of eventration. Poster presentation at the 77<sup>th</sup> Clinical Congress of the American College of Surgeons, October 19-26, 1991, Chicago, Illinois.
2. Schinco MA, Santora T, **Kaplan LJ**, Weiman D, Whitman GJR. Superiority of pressure support ventilation in combination with continuous positive airway pressure (PSV/CPAP) over CPAP alone in weaning trials in postoperative coronary artery bypass patients. **Presented by M. A. Schinco** at the 52<sup>nd</sup> Society of University Surgeon's Resident Section, February, 1991, Cincinnati, Ohio.

## LOCAL/REGIONAL PRESENTATIONS (Peer-Review)

**2000**

1. Cady C, Dean A, **Kaplan LJ**. Reducing resource utilization with Emergency Medicine Bedside Ultrasound (EMBU): the role of the Focused Assessment by Sonography in Trauma (FAST) scan in blunt trauma. Mid-Atlantic Regional Society of Academic Emergency Medicine annual meeting, April 17, 2000, York, PA.
2. Schantz A, Bailey H, **Kaplan LJ**. Intravascular volume depletion in patients with myocardial infarction: a role for pulmonary artery catheters in the Emergency Department. Mid-Atlantic Regional Society of Academic Emergency Medicine annual meeting, April 17, 2000, York, PA.
3. Usatch B, Yeh E, Bailey H, **Kaplan LJ**. Medical emergencies in US theme parks: focus on automatic external defibrillator (AED) utilization. Mid-Atlantic Regional Society of Academic Emergency Medicine annual meeting, April 17, 2000, York, PA.
4. Cady C, Weber P, Tortella B, Dean A, **Kaplan LJ**. Focusing the Focused Assessment by Sonography in Trauma (FAST) in patients with blunt traumatic arrest. Mid-Atlantic Regional Society of Academic Emergency Medicine annual meeting, April 17, 2000, York, PA.
5. Satz WA, Bailey H, Walters W, Wydro G, **Kaplan LJ**. Do trauma patients benefit from endotracheal intubation in the field versus delay in the ED? Mid-Atlantic Regional Society of Academic Emergency Medicine annual meeting, April 17, 2000, York, PA.
6. Cipolla J, Kozar R, Satz W, Klein A, **Kapan LJ**. Mass transit strike hits cyclist hardest. Mid-Atlantic Regional Society of Academic Emergency Medicine annual meeting, April 17, 2000, York, PA.
7. Schantz A, **Bailey H**, Kaplan LJ. Intravascular volume depletion in patients with myocardial infarction: a role for pulmonary artery catheters in the Emergency Department. PA Chapter of the Society of Critical Care Medicine Annual meeting, August 25, 2000.
8. Patterson T, **Bailey H**, Kaplan LJ. Hyperchloremia induces acidosis, increases the strong ion gap, and impairs coagulation. PA Chapter of the Society of Critical Care Medicine Annual meeting, August 25, 2000.

**1999**

1. Walters W, Evenhouse M, Wydro G, Bailey H, **Kaplan LJ**. Can preclinical medical students successfully function as prehospital care educators? Society for Academic Emergency Medicine Mid-Atlantic Annual Meeting, April 17, 1999, Baltimore, Maryland.

2. Bailey H, Walters W, **Kaplan LJ**. A cost effective strategy for toxicology screening of trauma patients. Society for Academic Emergency Medicine Mid-Atlantic Annual Meeting, April 17, 1999, Baltimore, Maryland.
3. Hendrickson R, Yeh E, Bailey H, Mann B, **Kaplan LJ**. Integrating basic and clinical science: the critical care module of the Interdisciplinary Foundations of Medicine curriculum. PA Chapter of the Society of Critical Care Medicine Annual meeting, August 27, 1999.

#### 1996

1. **Kaplan LJ**, Blank-Reid C, Trooskin SZ, FitzSimmons J. Focusing trauma education during pregnancy. Presented at the District III Meeting of the American College of Obstetricians and Gynecologists, Philadelphia, PA, September 30 - October 2, 1996.
2. **Kaplan LJ**, Rajiter JJ, Wright R, Mann BD. Improvement in carcinoid cardiac dysfunction following resection of primary ovarian carcinoid tumors is an age-related phenomenon. Presented at the Pennsylvania Association for Thoracic Surgery Annual Meeting, Farmington, PA, September 20, 1996.

#### 1994

1. **Kaplan LJ**, Santora T. Combined gunshot wounds of the heart and thoracic aorta. Presented at the Philadelphia Day of Trauma symposium, Philadelphia College of Physicians and Surgeons, December 11, 1994.
2. **Kaplan LJ**, Matray E, Samhoury F. Resection and PTFE patch angioplasty of a *Salmonella* Type B induced pseudoaneurysm of the proximal internal carotid artery. Presented at the Delaware Valley Vascular Society, Philadelphia, PA, September 16, 1994.

#### 1993

1. **Kaplan LJ**, Blum H, Banerjee A, Whitman GJR. Protecting myocardial creatine kinase activity during reperfusion improves bioenergetics and contractile function. Presented at the PA State Chapter of the American College of Cardiology Annual Meeting, Philadelphia, PA, October 2, 1993.
2. **Kaplan LJ**, Weiman D, Whitman GJR. Infected Atrial Myxoma: Transesophageal Echo Guided Surgical Resection. Presented at the PA State Chapter of the American College of Cardiology Annual Meeting, Philadelphia, PA, October 2, 1993.

## **LOCAL/REGIONAL PRESENTATIONS (Invitation)**

### **2004**

1. **Kaplan LJ.** Respiratory physiology. Yale School of Nursing. March 22, 2004, New Haven, CT.
2. **Kaplan LJ.** Penetrating neck trauma: management principles. Yale Department of Surgery Resident Education Series. March 23, 2004, New Haven, CT.
3. **Kaplan LJ.** Surgical infections. CT-Physicians Assistants Association. March 25, 2004, Westport, CT
4. **Kaplan LJ.** Airway pressure release ventilation: a mode for all seasons. Connecticut Respiratory Society Annual meeting, May 5, 2004, Southport, CT.
5. **Kaplan LJ.** The steroid story. Yale Surgical ICU Conference series. August 17, 2004, New Haven, CT.

### **2003**

1. **Kaplan LJ.** Sepsis and Severe Sepsis in Trauma Patients. Surgical Grand Rounds. Bacchus Hospital, Norwich, CT, February 6, 2003.
2. **Kaplan LJ.** Novel uses for activated Factor VII – applications to trauma. Yale University School of Medicine, Surgical Critical Care lecture series, March 4, 2003.
3. **Kaplan LJ.** Issues across the lifespan. 5<sup>th</sup> Annual Connecticut Trauma Conference, Foxwoods, CT, March 28, 2003.

### **2002**

1. **Kaplan LJ.** Respiratory physiology, ALI/ARDS. Basic Science Course. MCP-Haahnemann Department of Surgery, Philadelphia, PA, January 22, 2002.
2. **Kaplan LJ.** Trauma Roles and Responsibilities – outcome advantage to team coordination. MCP-Hahnemann Department of Emergency Medicine Grand Rounds, Philadelphia, PA, February 1, 2002.
3. **Kaplan LJ.** Physiology of acid-base balance in patients with neurosurgical disorders. MCP-Hahnemann University, Department of Neurosurgery Grand Rounds, Philadelphia, PA, February 5, 2002.
4. **Kaplan LJ.** Surgical Infections – keys to avoiding resistant pathogens. Surgical Grand Rounds. Mercy Hospital of Philadelphia, Philadelphia, PA, February 7, 2002.
5. **Kaplan LJ.** Surgical Infections. Basic Science Course. MCP-Hahnemann Department of Surgery, Philadelphia, PA, March 19, 2002.

### 2000

1. **Kaplan LJ.** Damage Control: why we do what we do. Medical College of PA-Hahnemann University Department of Surgery, Division of Trauma Nursing Education Series. September 18, 2000.
2. **Kaplan LJ.** What's new in acid-base physiology. Medical College of PA-Hahnemann University Department of Emergency Medicine Critical Care Grand Rounds. August 4, 2000.
3. **Kaplan LJ.** Hemodynamic measurement and assessment. Medical College of PA-Hahnemann University Department of Emergency Medicine Critical Care Grand Rounds. August 4, 2000.
4. **Kaplan LJ.** Trauma during pregnancy. Medical College of PA-Hahnemann University Department of Emergency Medicine Grand Rounds. September 8, 2000.

### 1999

1. **Kaplan LJ.** The Ins and Outs of Impalement Injuries. Medical College of PA-Hahnemann University Department of Emergency Medicine Grand Rounds, April 23, 1999.
2. **Kaplan LJ.** An introduction to APRV. Illinois Society of Respiratory Care Annual Meeting, June 18, 1999, Chicago, Illinois.
3. **Kaplan LJ.** Ventilator management from the OR to the ICU. Medical College of PA-Hahnemann University Anesthesia Department Case Conference, April 7, 1999.
4. **Kaplan LJ.** The physiology of acid-base balance. Medical College of PA-Hahnemann University Anesthesia Department Case Conference, May 1, 1999.
5. **Kaplan LJ.** Hemodynamic monitoring. Emergency Medicine Critical Care Seminar. Medical College of PA-Hahnemann University, July 16, 1999.
6. **Kaplan LJ.** Lactic acidosis: fact and fantasy. MCP-Hahnemann University Department of Surgery Grand Rounds. October 19, 1999, Philadelphia, PA.
7. **Kaplan LJ.** Fact, fiction and controversies in pre-hospital fluid resuscitation for trauma patients. EMS Grand Rounds. Medical College of PA Hospital. September 21, 1999, Philadelphia, PA.

### 1998

1. **Kaplan LJ.** Prioritizing the care of the multiply injured patient with traumatic brain injury. Philadelphia Neuronurses Association Minisymposium on Brain Trauma. Allegheny University of the Health Sciences, Queen Lane Campus, Philadelphia, PA; June 6, 1998.
2. **Kaplan LJ.** Mechanical ventilation and cardiopulmonary dysfunction. Pennsylvania Society of Respiratory Care, Eastern Regional Annual Meeting. King of Prussia, PA, April 22, 1998.

3. Bailey H, **Kaplan LJ**. Pediatric airbag injuries. Whitemarsh PA Emergency Medical Squad Quality Improvement Review Conference, May 14, 1998.
4. **Kaplan LJ**. Surgical Infections: Rational choices in a confused world. Wyeth-Ayerst National Meeting; October, 1998
5. **Kaplan LJ**. Surgical management of blunt abdominal trauma. Medical College of PA-Hahnemann University Surgery Interest Group. October 14, 1998
6. **Kaplan LJ**. Damage Control: A solution for extensive abdominal gunshot wounds. PA Physicians for Social Responsibility Conference. Medical College of PA Hospital. December 11, 1998

#### 1997

1. **Kaplan LJ**. Trauma and Pregnancy. University of Pittsburgh Medical Center - Multidisciplinary Critical Care Training Program Lecture Series. Pittsburgh, PA, February 28, 1997.
2. **Kaplan LJ**. Unusual radiologic findings in surgical disease. Mercy Hospital of Pittsburgh, Department of Radiology Lecture Series. Pittsburgh, PA, January 25, 1997.

#### 1996

1. **Kaplan LJ**. The ins and outs of impalement injuries. Department of Nursing Education lecture. Medical College Hospitals - Main Clinical Campus, April 11, 1996.
2. **Kaplan, LJ**. Vasoactive infusions. Department of Nursing Education lecture. Medical College Hospitals - Main Clinical Campus, January 17, 1996.

#### 1995

1. **Kaplan LJ**. Hemodynamic monitoring in post-operative patients. Medical College Hospitals - Main Clinical Campus Post Anesthesia Care Unit, November 15, 1995.
2. **Kaplan LJ**. The Whipple procedure: indications, technique and post-operative nursing concerns. Department of Nursing Education lecture. Medical College Hospitals - Main Clinical Campus, October 20, 1995.
3. **Kaplan LJ**. Diagnosis and management of abdominal trauma. Medical College Hospitals - Elkins Park Campus Surgeon's Club, September 14, 1995.

#### 1994

1. **Kaplan LJ**. Emergency Department Thoracotomy. Presented at Trauma Grand Rounds, Hahnemann University Hospital, Philadelphia, PA, November 1, 1994.

2. **Kaplan LJ.** Renovascular hypertension: operative management and anesthetic concerns. Presented at Anesthesia Case Conference, Medical College of PA Hospital, Philadelphia, PA, October 26, 1994.

### 1993

1. **Kaplan LJ.** Cardiogenic Shock. Division of Nursing Education Critical Care Course. Medical College Hospitals-Main Clinical Campus, March 1, 1993.
2. **Kaplan LJ.** Cardiac Surgery. Division of Nursing Education Critical Care Course. Medical College Hospitals-Main Clinical Campus, March 9, 1993.
3. **Kaplan LJ.** Effects of Cardiopulmonary Bypass. Division of Nursing Education Critical Care Course. Medical College Hospitals-Main Clinical Campus, March 9, 1993.
4. **Kaplan LJ.** ICU Treatment of the Agitated Patient. Pharmaceutical Education Course. Medical College Hospitals, Main Clinical Campus, March 12, and June 11, 1993.

### 1992

1. **Kaplan LJ.** Cardiogenic Shock. Division of Nursing Education Critical Care Course. Medical College Hospitals-Main Clinical Campus, March 11 and November 4, 1992.
2. **Kaplan LJ.** Thoracic Trauma. Division of Nursing Education Trauma Course. Medical College Hospitals-Main Clinical Campus, March 19 and November 12, 1992.
3. **Kaplan LJ.** Cardiac Surgery. Division of Nursing Education Critical Care Course. Medical College Hospitals-Main Clinical Campus, November 3, 1992.
4. **Kaplan LJ.** Effects of Cardiopulmonary Bypass. Division of Nursing Education Critical Care Course. Medical College Hospitals-Main Clinical Campus, November 3, 1992.
5. **Kaplan LJ.** ICU Treatment of the Agitated Patient. Pharmaceutical Education Course. Medical College Hospitals, Main Clinical Campus, March 27, and October 20, 1992.

### 1991

1. **Kaplan LJ, Whitman GJR.** Nuclear Magnetic Resonance and Its Application to Biological Systems. Surgical Grand Rounds, Medical College Hospitals-Main Clinical Campus, October 19, 1991.
2. **Kaplan LJ.** Cardiogenic Shock. Division of Nursing Education Critical Care Course. Medical College Hospitals-Main Clinical Campus, November 5, 1991.
3. **Kaplan LJ.** Thoracic Trauma. Division of Nursing Education Trauma Course. Medical College Hospitals-Main Clinical Campus, November 14, 1991.