

CURRICULUM VITAE

NAME: Charles L. Rice, M.D.

POSITION: Vice Chancellor for Health Affairs
Professor of Surgery
Professor of Physiology and Biophysics
University of Illinois at Chicago
914 South Wood Street
Chicago, IL 60612

EDUCATION: A.B. 1964 - University of Georgia
M.D. 1968 - Medical College of Georgia

POSTGRADUATE TRAINING:

Internship (Surgery)
Bowman Gray School of Medicine of Wake Forest University
Winston-Salem, North Carolina
1968 - 1969

Residency (General Surgery)
National Naval Medical Center
Bethesda, Maryland
1969 - 1973

Research Fellowship
National Medical Research Institute
Bethesda, Maryland
1973 - 1975

EXPERIENCE:

Vice Chancellor for Health Affairs
University of Illinois at Chicago
Chicago, IL 60612
1999 – present

Vice Dean
College of Medicine
University of Illinois at Chicago
Chicago, IL 60612
1993-1999

Professor and Chairman, Division of General Surgery
The University of Texas Southwestern Medical Center
5323 Harry Hines Boulevard
Dallas, Texas 75235-9031
1992-1993

EXPERIENCE (CONT'D):

Robert Wood Johnson Health Policy Fellow
Legislative Assistant to
Honorable Thomas A. Daschle
United States Senate
317 Hart Senate Office Building
Washington, D.C. 20510-4103
1991-1992

Surgeon-in-Chief, Department of Surgery
Harborview Medical Center
Seattle, Washington 98104
1985 - 1992

Professor and Vice-Chairman
Department of Surgery
University of Washington
Seattle, Washington 98195
1985 - 1992

Director, Intensive Care Unit
Michael Reese Hospital & Medical Center
Chicago, Illinois 60616
1977 - 1984

Associate Professor of Surgery
Pritzker School of Medicine
University of Chicago
Chicago, Illinois 60637
1980 - 1984

Attending Physician, Departments of Surgery,
Medicine, & Anesthesiology
Michael Reese Hospital & Medical Center
Chicago, Illinois 60616
1977 - 1984

Director, Surgical Education
Department of Surgery
Michael Reese Hospital & Medical Center
Chicago, Illinois 60616
1981 - 1983

Assistant Professor of Surgery
Pritzker School of Medicine
University of Chicago
Chicago, Illinois 60637
1977 - 1980

Research Medical Officer
Naval Health Research Center
San Diego, California 92134
1975 - 1977

Attending Surgeon, Trauma Research Unit
Naval Regional Medical Center
San Diego, California 92134
1975 - 1977

EXPERIENCE (CONT'D):

Head, Experimental Surgery Branch
Clinical Investigation Center
Naval Regional Medical Center
San Diego, CA 92134
1975 - 1977

Research Medical Officer
Division of Experimental Surgery
Naval Medical Research Institute
Bethesda, Maryland 20014
1973 - 1975

Attending Physician, Department of Surgery
National Naval Medical Center
Bethesda, Maryland 20014

1974 - 1975

Assistant Professor of Surgery
George Washington University
School of Medicine and Health Sciences
Washington, DC 20037
1973 - 1975

**MILITARY
EXPERIENCE:**

United States Navy

Lieutenant, Medical Corps
July 1969 - December 1971
Lieutenant Commander, Medical Corps
December 1971 - December 1975
Commander, Medical Corps
December 1975 - September 1977

United States Naval Reserve

Ensign, Medical Corps
1966 - 1968
Lieutenant, Medical Corps
1968 - 1969
Commander, Medical Corps
1989 - 1991
Captain, Medical Corps
1991 - 2003
Trauma surgeon to the President of the United States
1990 - 1993

**MILITARY
AWARDS:**

Legion of Merit
Navy Commendation Medal (2 awards)
Navy Unit Citation
Meritorious Unit Citation
National Defense Service (3 awards)
Sea Service Ribbon
Naval Reserve Medal
Expert Rifle Medal
Expert Pistol Medal

**BOARD
CERTIFICATION:**

American Board of Surgery - 1974
American Board of Surgery - Certificate of Added
Qualifications in Surgical Critical Care - 1987
Advanced Trauma Life Support Instructor - 1986
National Faculty - 1991 -1996

LICENSES:

California	1975
Georgia	1969 (inactive)
District of Columbia	1973 (inactive)
Illinois	1977
Maryland	1973 (inactive)
Texas	1993 (inactive)
Washington	1985

**EDITORIAL
APPOINTMENTS:**

Heart and Lung
Editorial Board
1978 - 1984

Journal of Surgical Research

Associate Editor
1983 - 1984

Editorial Board
1984 - 1988

Associate Editor for Research Reviews
1988 - 1991

Journal of Clinical Monitoring

Editorial Board
1984 - 1991

Journal of Critical Care

Editorial Board
1985 - 1991

Advances in Trauma and Critical Care

Editorial Board
1990 - 1996

Archives of Surgery

Editorial Board
1992 - 1999

Shock

Editorial Board
1992 - 1999

**NATIONAL
RESPONSIBILITIES:**

American Board of Surgery

Associate Examiner 1983, 1986, 1989, 1991
Consultant - Basic Science Examination
1988 - 1998

**NATIONAL
RESPONSIBILITIES
(cont'd)**

American College of Surgeons

Governor
1992 - 1998
Committee on Pre and Post-Operative Care
1985 -1995
Committee on Socioeconomic Issues
1993 - 1998
Committee on Trauma
1988 - 1999
Vice-Chair, 1992-1993
Executive Committee, 1990 - 1994
Subcommittee on the National Trauma Registry,
Chairman 1989 - 1994

American Thoracic Society

Program Committee, Section on Critical Care
1985 - 1988
Committee on Allocation of ICU Resources
1993 - 1998

Shock Society
Awards Committee
1985 - 1987
1992 - 1996
Program Committee
1987- 1988
Council
1986 - 1989
1990 - 1993
President - Elect
1990 - 1991
President
1991-1992

Society of University Surgeons
Committee on Publications
1986 - 1989
Committee on Education
1989 - 1991

Joint Commission on Accreditation of
Healthcare Organizations
Trauma Outcome Task Force
1988 - 1994
Professional and Technical Advisory Committee/Networks
1996 - 1999

American Surgical Association
Committee on Governmental Relations
1992 -
Member, Council of Academic Societies, AAMC

Accreditation Council for Graduate
Medical Education
Committee for Review of Program Requirements
1999 -
Representative (AAMC)
1999 -
Chair
2002-2004

**NATIONAL
RESPONSIBILITIES
(cont'd)**

Accreditation Council for Graduate
Medical Education (con't)
Chair-elect
2001 - 2002

Association of American Medical Colleges
Advisory Panel on Health Care Delivery
2001 -

**PROFESSIONAL
SOCIETIES**

American Association for the Surgery of Trauma
American College of Surgeons
American Physiological Society
American Surgical Association
American Thoracic Society
Association for Academic Surgery
Central Surgical Association
Chicago Surgical Society
Chicago Thoracic Society
Harkins Surgical Society

New York Academy of Sciences
Pacific Coast Surgical Association
Shock Society
Société Internationale de Chirurgie
Society of the Sigma Xi
Society of University Surgeons
Southeastern Surgical Congress
Surgical Biology Club II
Surgical Infection Society
Western Surgical Association

**UNIVERSITY/HOSPITAL
RESPONSIBILITIES:**

UNIVERSITY OF ILLINOIS AT CHICAGO

Director, Surgical Residency Program
1993 - 1999
Executive Management Systems Steering Committee
1993 - 1999
Search Committee, Provost
1997 - 1998
Faculty Senate
1998 - 2000
Chair, Executive Committee, Medical Service Plan
1998 - 1999
Chair, UIHMO Board of Directors
1999 - 2001
Board of Directors, Wolcott, Wood, and Taylor (WWT)
1999 - Present
Chair, Search Committee, Vice Provost
2003

UNIVERSITY OF WASHINGTON

Primate Center
Research Affiliate
1985 - 1992

University of Washington Hospitals
Hospital Information Systems Steering Committee
1986 - 1990
Chair, Patient Care Network Committee
1988 - 1990

**UNIVERSITY/HOSPITAL
RESPONSIBILITIES
(Cont'd):**

University of Washington, School of Medicine
Search Committees
Chair, Department of Orthopedics
1985 - 1986
Chief, Harborview Medical Center
Department of Radiology
1986 - 1987
Chair, Department of Biochemistry
1990 - 1992
Standing Committees
Scientific Affairs Committee
1985 - 1986
Medical Informatics Committee
1987 - 1991

Harborview Medical Center
Medical Staff Committees
Coordinated Planning Council
1985 - 1988

Critical Care Committee
1985 - 1992
Credentials Committee
1985 - 1986
Medical Executive Board, Vice Chairman
1985 - 1992
Research Committee
1986 - 1988
Surgical Council, Chairman
1985 - 1992

Board of Trustees Committees
Planning and Facilities Committee
1985 - 1992
Health Services Committee
1985 - 1986
Strategic Planning Committee
1985 - 1992

GRANTS:

BIOMECHANISMS TRAUMA
Scripps Clinic and Research Foundation
NIGMS
Principal Investigator, Core E
12/1/86-11/30/88
\$123,913

PULMONARY SCOR-ADULT RESPIRATORY FAILURE
NHLBI P.I.: Leonard D. Hudson, MD
Co-Principal Investigator, Project 1
4/1/85-11/30/88
\$95,448

SURFACTANT IN ARDS
Johnson & Johnson
Principal Investigator
4/1/90 - 3/31/91
\$47,588

GRANTS (CON'T):

GRANULOCYTE EMIGRATION AND SEPTIC LUNG INJURY
National Institutes of Health NHLBI R01 HL43141-01A1P.I.:
Robert K. Winn, Ph.D. 4/1/90-3/31/93
\$307,875

NEUTROPHILS IN ISCHEMIA REPERFUSION INJURY IN
SHOCK
National Institutes of Health NIGMS RO1 GM42686
Principal Investigator
4/1/90-3/31/95
\$863,039

PUBLICATIONS

PAPERS

Oller, D.W., and Rice, C.L. Malignant neoplasms of the small bowel: Failure of early diagnosis to improve prognosis. U.S. Navy Medicine, 6:22-25, 1975.

Rice, C.L., Herman, C.M., Kiesow, L.A., Homer, L.D., John, D.A., Valeri, C.R. Benefits from improved oxygen delivery of blood in shock therapy. J Surg Res, 19:193-198, 1975.

Oller, D.W., Rice, C.L., Herman, C.M., Cochran, R.C., Homer, L.D., John, D.A., Kingsley, J.R., Fouty, W.J. Heparin *versus* citrate anticoagulation in autotransfusion. J Surg Res, 20:333-340, 1976.

John, D.A., Tobey, R.E., Rice, C.L., Homer, L.D. Succinylcholine-induced hyperkalemia following denervation. Anesth, 45:294-299, 1976.

Shackford, S.R., Smith, D.E., Zarins, C.K., Rice, C.L., Virgilio, R.W. The management of flail chest: A comparison of ventilatory and non-ventilatory treatment. Am J Surg, 132:759-762, 1976.

Virgilio, R.W., Smith, D.E., Rice, C.L., Hobelman, C.L., Zarins, C.K., James, D.R., Peters, R.M. Effect of colloid osmotic pressure and pulmonary capillary wedge pressure on intrapulmonary shunt. Surg Forum, 27:168-170, 1976.

Zarins, C.K., Rice, C.L., Smith, D.E., John, D.A., Cammack, B.F., Peters, R.M., Virgilio, R.W. Role of lymphatics in preventing hypooncotic pulmonary edema. Surg Forum, 27:257-259, 1976.

Virgilio, R.W., Smith, D.E., Rice, C.L., Hobelman, C.L., Peters, R. M. To filter or not to filter? Intense Care Med, 3:151, 1977.

Zarins, C.K., Bayne, C.G., Rice, C.L., Peters, R.M., Virgilio, R.W. Does spontaneous ventilation with intermittent mandatory ventilation and positive end-expiratory pressure prevent cardiac output depression? J Surg Res, 22:299-304, 1977.

Rice, C.L., Hobelman, C.F., Smith, D.E., Malley, J.D., John, D.A., James, D.R., Cammack, B.F., Virgilio, R.W. CVP or PCWP as the determinant of fluid replacement in aortic surgery? Surgery, 84:437-440, 1978.

Ulevitch, R.E., Cochrane, C.G., Rice, C.L., Herman, C.M. The effect of complement depletion on bacterial lipopolysaccharide (LPS) induced hemodynamic and hematologic changes in Rhesus monkeys. Am J Path, 92:227-240, 1978.

Weinstein, M.E., Rice, C.L., Peters, R.M., Virgilio, R.W. Hemodynamic and respiratory response to varying gradients between end expiratory pressure and end inspiratory pressure in patients breathing on continuous positive airway pressure. J Trauma, 18:231-235, 1978.

Shackford, S.R., Virgilio, R.W., Smith, D.E., Rice, C.L., Weinstein, M.E. The significance of chest wall injury in the diagnosis of traumatic aneurysms of the thoracic aorta. J Trauma, 18:493-497, 1978.

Zarins, C.K., Rice, C.L., Peters, R.M., Virgilio, R.W. Lymph and pulmonary response to isobaric reduction in plasma oncotic pressure in baboons. Circ Res, 43:925-930, 1978.

Barber M.S., Hirschberg, B.C., Rice, C.L., Atkins, C.C. Parenteral antibiotics in elective colon surgery? A prospective, controlled study. Surgery, 86:23-29, 1979.

Moseley, P.L., Kohler, J.P., Rice, C.L., Schwartz, J., Gould, S.A., Zarins, C.K., Kerstein, M.D., Moss, G.S. Does sepsis reduce threshold hydrostatic pressure for pulmonary edema? Surg Forum, 30:170, 1979.

Rice, C.L., Doroghazi, P.M., Kohler, J.P., Zarins, C.K. The effect of sepsis and reduced oncotic pressure on pulmonary edema. J Surg Res, 27:347-351, 1979.

Rosen, A.L., Gould, S.A., Sehgal, L.R., Noud, G., Sehgal, H.L., Rice, C.L., Moss, G.S. Cardiac output response to extreme hemodilution with hemoglobin solutions of various P₅₀ values. Crit Care Med, 7:380-384, 1979.

Virgilio, R.W., Rice, C.L., Smith, D.E. James, D.R., Zarins, C.K., Hobelman, C.F., Peters, R.M. Colloid versus crystalloid: Is one better? Surgery, 85:129-139, 1979.

Weinstein, M.E., Govin, G.G., Rice, C.L., Virgilio, R.W. Splenorrhaphy for splenic trauma in adults and children. J Trauma, 19:692-697, 1979.

Gould, S.A., Rosen, A.L., Sehgal, L.R., Noud, G., Sehgal, H.L., DeWoskin, R., Levine, H., Kerstein, M.D., Rice, C.L., Moss, G.S. The effect of altered hemoglobin-oxygen affinity on oxygen transport by hemoglobin solution. J Surg Res, 28:246-251, 1980.

Gould, SA, Rosen, AL, Sehgal, LR, Sehgal, HL, Rice, CL, Moss, GS. Hemoglobin solutions as red cell substitutes. Trans Am Soc Artif Intern Organs 26:350-3, 1980.

Casey, L., Krieger, B., Kohler, J.P., Rice, C.L., Szidon, J.P. Decreased serum angiotensin converting enzyme in adult respiratory distress syndrome associated with sepsis: A preliminary report. Crit Care Med, 9:651-654, 1981.

Chamberlin, W.H., Rice, C.L. Computerized records in the Intensive Care Unit. J Clin Comp, 9:165-169, 1981.

Kohler, J.P., Rice, C.L., Zarins, C.K., Cammack, B.F., Gould, S.A., Moss, G.S. Does reduced COP increase pulmonary dysfunction in sepsis? Crit Care Med, 9:90-93, 1981.

Kohler, J.P., Rice, C.L., Moseley, P., Schwartz, J., Zarins, C.K., Gould, S.A., Moss, G.S. Sepsis reduces the threshold hydrostatic pressure necessary for pulmonary edema in baboons. J Surg Res, 30:129-134, 1981.

Sehgal, L.R., Rosen, A.L., Noud, G., Sehgal, H.L., Gould, S.A., Rice, C.L., Kerstein, M.D., Moss, G.S. Large volume preparation of pyridoxylated hemoglobin with high in vivo P₅₀. J Surg Res, 30:14-20, 1981.

Sehgal, L.R., Rosen, A.L., Noud, G., Sehgal, H.L., Gould, S.A., Rice, C.L., Moss, G.S. Control of methemoglobin formation in stroma free hemoglobin solutions. J Surg Res, 31:13-17, 1981.

Sehgal, LR, Sehgal, HL, Rosen, AL, Gould, SA, Dalton, LM, Rice, CL, Moss, GS. Performance of the IL 282 Co-oximeter in the presence of fluorocarbon emulsions. Clin Chem, 27:1139-40, 1981

Rosen, A.L., Sehgal, L.A., Gould, S.A., Sehgal, H., Dalton, L., Rice, C.L., Moss, G.S. Fluorocarbon emulsions: methodology to assess efficacy. Crit Care Med, (10)3:149-154, 1982.

Gould, S.A., Rosen A.L., Sehgal, L.R., Sehgal, H.L. Rice, C.L., Moss, G.S. Red cell substitutes: Hemoglobin solution or fluorocarbon? J Trauma, 22:736-740, 1982.

Gould, S.A., Sehgal, L.R., Rosen, A.L., Sehgal, H.L., Rice, C.L., Moss, G.S. Hemoglobin solution: Is a normal (Hb) or P₅₀ more important? J Surg Res, 33:189-193, 1982.

Jing, D.L., Kohler, J.P., Rice, C.L., Moss, G.S. Albumin therapy in permeability pulmonary edema. J Surg Res, 33:482-488, 1982.

Lava, J.S., Rice, C.L., Levine, H., Rosen, A.L., Sehgal, L.R., Gould, S.A., Moss, G.S. Pulmonary dysfunction in sepsis: Is pulmonary edema the culprit? J Trauma, 22:280-284, 1982.

Lava, J.S., Rice, C.L., Levine, H.A., Moss, G.S. Extravascular lung water as a function of the magnitude of acute pulmonary hypertension in the septic pig. J Surg Res, 32:440-448, 1982.

Rosen, A.L., Gould, S.A., Sehgal, L.R., Sehgal, H.L., Rice, C.L., Rushing, D., and Moss, G.S. Hemoglobin solutions as red cell substitutes. Crit Care Med, 10:275, 1982.

Walsh, T.J., Raine, T., Chamberlin, W.H., Rice, C.L. Occult duodenal perforation complicating cerebral infarction: New problems in diagnosis of Cushing's Ulcer. Am J Gastroenterol, 77:608-610, 1982.

Kohler, J.P., Rice, C.L., Moss, G.S., Szidon, J.P. Alveolar pressure in fluid filled occluded lung segments during permeability edema. J Appl Physiol, 55:1098-1102, 1983.

Rice, C.L., Kohler, J.P., Casey, L., Szidon, J.P., Daise, M., Moss, G.S. Angiotensin converting enzyme (ACE) in sepsis. Circ Shock, 11:59-63, 1983.

Krause, L.M., Langdale, L.A., Rice, C.L., Gould, S.A., Moss, G.S. Does interstitial pressure oppose lung water formation? J Surg Res, 34:510-514, 1983.

Enderson, B.L., Rice, C.L., Beaver, C.W., Rosen, A.L., Sehgal, L.R., Moss, G.S. High frequency ventilation and the accumulation of extravascular lung water. J Surg Res, 36:433-437, 1984.

Gould SA, Rice, CL, Moss, GS. The physiologic basis of the use of blood products. Surg Annu, 16:13-38, 1984.

Enderson, B.L., Rice, C.L., Moss, G.S. Effect of PEEP on thermal-dye measurements of lung water. J Surg Res, 38:224-230, 1985.

Gould, S.A., Rosen, A.L., Sehgal, H.L., Rice, C.L., Chamberlin, W.H., Moss, G.S. Depressed red cell recovery following acute blood loss. Fed. Proceedings, v. 44, 1985.

Revak, S.D., Rice, C.L., Schraufstatter, I.U., Halsey, W.A., Bohl, B.P., Clancy, R.M., Cochrane, C.G. Experimental pulmonary inflammatory injury in the monkey. J Clin Invest, 76:1182-1192, 1985.

Gould, S.A., Rosen, A.L., Sehgal L.R., Sehgal, H.L., Langdale, L.A., Krause, L.M., Rice, C.L., Chamberlin, W.H., Moss, G.S. Fluosol-DA as a red-cell substitute in acute anemia. N Eng J Med, 314(26):1653-1656, 1986.

Maunder, R.J., Rice, C.L., Benson, M.S., Hudson, L.D. Managing positive end-expiratory pressure (PEEP): The Harborview approach. Resp Care, 31(11):1059-1064, 1986.

Eddy, A.C., Rice, C.L. Brain death. West J Med, 146:738-739, 1987.

Eddy, A.C., Rice, C.L., Carrico, C.J. Fat embolism syndrome: Monitoring and management. J Crit Ill, 2:25-37, 1987.

Enderson, B.L., Rice, C.L. High-frequency ventilation. World J Surg, 11:167-172, 1987.

Vedder, N.B., Winn, R.K., Arfors, K.E., Harlan, J.M., Rice, C.L. A monoclonal antibody that blocks neutrophil adherence improves survival from hemorrhagic shock in rabbits. Surg Forum, 38:62-64, 1987.

Eddy, A.C., Rice, C.L., Anardi, D.M. Right ventricular dysfunction in victims of multiple trauma. Am J Surg, 155:712-715, 1988.

Eddy, A.C., Rice, C.L. New developments in monitoring cardiac function in the multiply injured patient. Trauma Quarterly, 5:1:80-87, 1988.

Langdale, L.A., Rice, C.L., Brown, N. Emphysematous pyelonephritis in a xanthogranulomatous kidney: An unusual cause of pneumoperitoneum. Arch Surg, 123:377-379, 1988.

Vedder, N.B., Winn, R.K., Rice, C.L., Harlan, J.M. A monoclonal antibody that blocks neutrophil adherence reduces tissue injury in rabbit ear model of free-tissue ischemia-reperfusion. Surg Forum, 34:651-653, 1988.

Vedder, N.B., Winn, R.K., Rice, C.L., Chi, E.Y., Arfors, K.E., Harlan, J.M. A monoclonal antibody to the adherence-promoting leukocyte glycoprotein, CD18, reduces organ injury and improves survival from hemorrhagic shock and resuscitation in rabbits. J Clin Invest, 81:939-944, 1988.

Winn, R., Enderson, B., Price, S., Rice, C.L. Indomethacin, but not dazoxiben, reduced lung fluid filtration after E. coli infusion. J Appl Physiol, 64:2468-2473, 1988.

Sloan, J.H., Reay, D., Ferris, A.J., Kellerman, A., Gray, L., Rice, C.L., LoGerfo, J. Handgun regulations, crime, assaults, and homicides- A tale of two cities. N Eng J Med, 319:1256-1261, 1988.

Sharar, S.R., Luna, G.K., Rice, C.L., Valenzuela, T.D., Copass, M.K. Air transport following surgical stabilization: An extension of regionalized trauma care. J Trauma, 28:794-798, 1988.

Winn, R., Nickelson, S., Rice, C.L. Fluid filtration coefficient of isolated goat lungs was unchanged by endotoxin. J Appl Physiol, 64:2463-2467, 1988.

Eddy, A.C., Rice, C.L. The right ventricle: an emerging concern in the multiply injured patient. J Crit Care, 4:58-66, 1989.

Vedder, N.B., Fouty, B.W., Winn, R.K., Harlan, J.M., Rice, C.L. Role of neutrophils in generalized reperfusion injury associated with resuscitation from shock. Surgery, 106:509-516, 1989.

Vedder, NB, Winn, WK, Rice, CL, Harlan, JM. Neutrophil-mediated vascular injury in shock and multiple organ failure. Prog Clin Biol Res, 299:181-91, 1989.

Luna, G.K., Pavlin, E, Kirkman, T., Copass, M.K., Rice, C.L. Hemodynamic effects of external cardiac massage in trauma shock. J Trauma, 29 10:1430-1433, 1989.

Mileski, W.J., Winn, R. K., Harlan, J. M., Rice, C. L. Inhibition of neutrophil adherence in sepsis. Surg Forum, 40:107-109, 1989.

Valenzuela, T.D., Criss, E.A., Luna, G., Rice, C.L., Copass, M.K. Critical care air transportation in the Pacific Northwest - a two year experience. Annals Emer Med, 19:169-172, 1990.

Vedder, N.B., Winn, R.K., Rice, C.L., Harlan, J.M., Chi, E.Y. Inhibition of leukocyte adherence by anti-CD18 monoclonal antibody attenuates reperfusion injury in the rabbit ear. Proceedings of the National Academy of Sciences, 87:2643-2646, 1990.

Mileski, W., Harlan, J.M., Rice, C.L., Winn, R.K. *Streptococcus pneumoniae* stimulated macrophages induce neutrophils to emigrate by a CD18-independent mechanism of adherence. Circ Shock, 3:259-267, 1990.

Eddy, A.C., Rusch, V.W., Fligner, C.L., Reay, D.T., Rice, C.L. The epidemiology of traumatic rupture of the thoracic aorta in children: A 13-year review. J Trauma, 30 6:989-992, 1990.

Mileski, W.J., Winn, R.K., Vedder, N.B., Pohlman, T.K., Harlan, J.M., Rice, C.L. Inhibition of CD18-dependent neutrophil (PMN) adherence reduces organ injury following hemorrhagic shock in primates. Surgery, 108:206-212, 1990.

Mileski, W.J., Winn, R.K., Harlan, J.M., Rice, C.L. Transient inhibition of neutrophil adherence with the CD18 monoclonal antibody (MAB 60.3) does not increase mortality in abdominal sepsis. Surgery 109: 497-501, 1991.

Sharar, S.R., Winn, R.K., Murry, C.E., Harlan, J.M., Rice, C.L. A CD18 monoclonal antibody increases the incidence and severity of subcutaneous abscess formation after high dose *S. aureus* injection in rabbits. Surgery, 110(2):213-220, August 1991.

Jurkovich, G.J., Mileski, W.J., Maier, R.V, Winn, R.K., Rice, C.L. Interferon gamma increases sensitivity to endotoxin. J Surg Res, 51:197-203, 1991.

Esposito, T.J., Jurkovich, G.J., Rice, C.L., Maier, R.V., Copass, M.K., Ashbaugh, D.G. Reappraisal of emergency room thoracotomy in a changing environment. J Trauma, 31(7):881-887, 1991.

Eastman, A.B., Rice, C.L. An analysis of the critical problem of trauma center reimbursement. J Trauma, 31(7):920-926, 1991.

Harlan, J.M., Vedder, N.B., Winn, R.K., Rice, C.L. Mechanisms and consequences of leukocyte-endothelial interaction. West J Medicine, 155:365-369, 1991.

Mileski, W.J., Winn, R.K., Harlan, J.M., Rice, C.L. Sensitivity to endotoxin in rabbits is increased after hemorrhagic shock. J Appl Physiol. 73(3): 1146-1149, 1992.

Thomas, J.R., Harlan, J.M., Rice, C.L., Winn, R.K. The role of leukocyte CD11/CD18 complex in endotoxic and septic shock in rabbits. J Appl Physiol, 73 (4): 1510-1516, 1992.

Langdale, L.A., Maier, R.V., Wilson, L., Pohlman, T.H., Rice, C.L. Liposome encapsulated hemoglobin inhibits tumor necrosis factor release from rabbit alveolar macrophages by a post-transcriptional mechanism. J Leukocyte Biol. 15:679-686, 1992.

Mattox KL, Flint LM, Carrico CJ, Grover F, Meredith J, Morris J, Rice C, Richardson D, Rodriguez A, Trunkey DD Blunt Cardiac Injury J Trauma. 33(5):649-650, 1992

Winn, R.K., Thomas, J.R., Sharar, S.R., Rice, C.L., Rothlein, R., Harlan, J.M. The role of intercellular adhesion molecule-1 (ICAM-1) in organ injury after hemorrhagic shock in primates. Exper Lung Res. 19:221-235, 1993.

Daschle, T.A., Cohen, R.J., Rice, C.L. Health care reform: single-payor models. Am Psychol. 48(3): 265-269, 1993.

Mileski, W.J., Raymond, J.F., Winn, R.K., Harlan, J. M., Rice, C.L. Inhibition of leukocyte adherence and aggregation for treatment of severe cold injury in rabbits. J. Appl. Physiol. 74(3): 1432-1436, 1993.

Winn, R.K., Mileski, W.J., Kovach, N.L., Doerschuk, C.M., Rice, C.L., Harlan, J.M. Role of protein synthesis and CD11/CD18 adhesion complex in neutrophil emigration into the lung. J of Exper Lung Res. 19: 221-235, 1993.

Langdale, L.A., Flaherty, L.C., Liggitt, H.D., Harlan, J.M., Rice, C.L., Winn, R.K. Neutrophils contribute to hepatic ischemia-reperfusion injury by a CD18-independent mechanism. J. Leukoc. Biol. 53: 511-517, 1993.

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Number of Characters: 41,201 (approx.)