

Stanford



Ronald Pearl

Dr. Richard K. and Erika N. Richards Professor
Anesthesiology, Perioperative and Pain Medicine

 Curriculum Vitae available Online

CLINICAL OFFICES

- **Dept of Anesthesia**

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ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

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Bio

CLINICAL FOCUS

- Anesthesia
- Critical care medicine

ACADEMIC APPOINTMENTS

- Professor, Anesthesiology, Perioperative and Pain Medicine
- Member, Cardiovascular Institute

ADMINISTRATIVE APPOINTMENTS

- Chair, Stanford University School of Medicine - Anesthesia Department, (1999- present)

PROFESSIONAL EDUCATION

- Residency: Stanford University Anesthesiology Residency (1985) CA
- Residency: Stanford University Internal Medicine Residency (1980) CA
- Internship: Stanford University Internal Medicine Residency (1978) CA
- Medical Education: University of Chicago Medical Center Internal Medicine Residency (1977) IL
- Fellowship: Stanford University Anesthesiology Fellowships (1981) CA
- Board Certification: Anesthesia, American Board of Anesthesiology (1986)
- Board Certification: Internal Medicine, American Board of Internal Medicine (1980)
- Board Certification: Critical Care Medicine, American Board of Anesthesiology (1986)
- MD, University of Chicago , Medicine (1977)
- PhD, University of Chicago , Pharmacology and Physiology (1975)
- BS, Yale University , Psychology (1971)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Mechanisms (molecular and cellular) of pulmonary hypertension, treatment of pulmonary hypertension, treatment of respiratory failure, treatment of septic shock, hemodynamic monitoring

CLINICAL TRIALS

- A Safety, Tolerability, Efficacy and QoL Study of Human recAP in the Treatment of Patients With SA-AKI, Recruiting
- A Study to Evaluate the Efficacy and Safety of Pimodivir in Combination With the Standard-of-Care Treatment in Adolescent, Adult, and Elderly Hospitalized Participants With Influenza A Infection, Recruiting
- Acute Medically Ill VTE Prevention With Extended Duration Betrixaban Study (The APEX Study), Recruiting
- Levosimendan in Patients With Left Ventricular Systolic Dysfunction Undergoing Cardiac Surgery On Cardiopulmonary Bypass, Recruiting
- Safety and Efficacy of Polymyxin B Hemoperfusion (PMX) for Septic Shock, Recruiting
- Study to Evaluate the Efficacy & Safety of the INTERCEPT Blood System for RBCs in Complex Cardiac Surgery Patients, Recruiting
- Study to Prevent Acute Kidney Injury After Cardiac Surgery Involving Cardiopulmonary Bypass, Recruiting
- Compare Ceftazidime-Avibactam + Metronidazole Versus Meropenem for Hospitalized Adults With Complicated Intra-Abdominal Infections, Not Recruiting
- Protocolized Care for Early Septic Shock, Not Recruiting
- Safety and Efficacy of Polymyxin B Hemoperfusion (PMX) for Endotoxemic Septic Shock in a Randomized, Open-Label Study, Not Recruiting
- Study of the Efficacy and Safety of Tezosentan in Patients With Pre-operative Pulmonary Hypertension, Due to Left Heart Disease, Undergoing Open Heart Surgery, Not Recruiting

Publications

PUBLICATIONS

- **COVID-19: Common Critical and Practical Questions.** *Anesthesia and analgesia*
Lu, A. C., Sastry, S. G., Wong, B. J., Deng, A., Wald, S. H., Pearl, R. G., Tsui, B. C.
2020
- **N95 Respirator Alternatives And Conservation Strategies.** *Anesthesia and analgesia*
Wong, B. J., Lu, A. C., Tarlow, B. D., Tompkins, L. S., Chawla, A. n., Pearl, R. G., Wald, S. H.
2020
- **Resuscitation on collapsed healthcare worker while taking care of suspected or confirmed COVID patient: Questions and Answers.** *Anesthesia and analgesia*
Lu, A. C., Wong, B. J., Sastry, S. G., Wald, S. H., Pearl, R. G., Tsui, B. C.
2020
- **An Anesthesia Attempt to Be Green: How Do You Waste Your Carbon Dioxide Absorbers?** *A&A practice*
Burbridge, M. A., Chua, P. n., Jaffe, R. A., Pearl, R. G., Brock-Utne, J. G.
2019
- **AN ANESTHETIC ATTEMPT TO BE GREEN: HOW DO YOU WASTE YOUR CO2 ABSORBERS?**
Chua, P., Brock-Utne, J., Burbridge, M. A., Pearl, R., Alejandro-Harper, D., Kimball, E., Gilseman, C.
LIPPINCOTT WILLIAMS & WILKINS.2018: 226–27
- **Nocturnal Low-Dose Propofol Infusion for the Management of ICU Delirium: A Case Series in Nonintubated Cardiac Surgery Patients.** *Journal of cardiothoracic and vascular anesthesia*
Wong, J. K., Nikravan, S., Maxwell, B. G., Marques, M. A., Pearl, R. G.
2016; 30 (5): 1340-1343
- **Obstructive Sleep Apnea Is an Independent Predictor of Postoperative Atrial Fibrillation in Cardiac Surgery** *JOURNAL OF CARDIOTHORACIC AND VASCULAR ANESTHESIA*

- Wong, J. K., Maxwell, B. G., Kushida, C. A., Sainani, K. L., Lobato, R. L., Woo, J., Pearl, R. G.
2015; 29 (5): 1140-1147
- **Future of Anesthesiology Is Perioperative Medicine A Call for Action** *ANESTHESIOLOGY*
Kain, Z. N., Fitch, J. C., Kirsch, J. R., Mets, B., Pearl, R. G.
2015; 122 (6): 1192-1195
 - **Predictors of contemporary coronary artery bypass grafting outcomes** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Weisel, R. D., Nussmeier, N., Newman, M. F., Pearl, R. G., Wechsler, A. S., Ambrosio, G., Pitt, B., Clare, R. M., Pieper, K. S., Mongero, L., Reece, T. L., Yau, T. M., Fremes, et al
2014; 148 (6): 2720-U1368
 - **Review: Noninvasive vs invasive weaning from mechanical ventilation reduces mortality in respiratory failure** *ANNALS OF INTERNAL MEDICINE*
Pearl, R. G.
2014; 160 (12): JC8
 - **Endothelial fate mapping in mice with pulmonary hypertension.** *Circulation*
Qiao, L., Nishimura, T., Shi, L., Sessions, D., Thrasher, A., Trudell, J. R., Berry, G. J., Pearl, R. G., Kao, P. N.
2014; 129 (6): 692-703
 - **Erythropoietin and organ protection: lessons from negative clinical trials** *CRITICAL CARE*
Pearl, R. G.
2014; 18 (5): 526
 - **Tezosentan and Right Ventricular Failure in Patients With Pulmonary Hypertension Undergoing Cardiac Surgery: The TACTICS Trial** *JOURNAL OF CARDIOTHORACIC AND VASCULAR ANESTHESIA*
Denault, A. Y., Pearl, R. G., Michler, R. E., Rao, V., Tsui, S. L., Seitelberger, R., Cromie, M., Lindberg, E., D'Armini, A. M.
2013; 27 (6): 1212-17
 - **Focused transthoracic echocardiography during critical care medicine training: curriculum implementation and evaluation of proficiency***. *Critical care medicine*
Beraud, A., Rizk, N. W., Pearl, R. G., Liang, D. H., Patterson, A. J.
2013; 41 (8): e179-81
 - **Focused transthoracic echocardiography during critical care medicine training: curriculum implementation and evaluation of proficiency***. *Critical care medicine*
Beraud, A., Rizk, N. W., Pearl, R. G., Liang, D. H., Patterson, A. J.
2013; 41 (8): e179-81
 - **Preparing Interns for Anesthesiology Residency Training: Development and Assessment of the Successful Transition to Anesthesia Residency Training (START) E-Learning Curriculum.** *Journal of graduate medical education*
Chu, L. F., Ngai, L. K., Young, C. A., Pearl, R. G., Macario, A., Harrison, T. K.
2013; 5 (1): 125-129
 - **Review: Etomidate increased mortality and adrenal insufficiency in adults with sepsis** *ANNALS OF INTERNAL MEDICINE*
Pearl, R. G.
2013; 158 (4)
 - **Understanding the Divergent Effects of Norepinephrine on Cardiac Output: Go With the Flow** *CRITICAL CARE MEDICINE*
Pearl, R. G.
2013; 41 (1): 352-354
 - **Airway Management and Perioperative Decision Making in the Patient With Severe Pulmonary Hypertension Who Requires Emergency Noncardiac Surgery** *JOURNAL OF CARDIOTHORACIC AND VASCULAR ANESTHESIA*
Maxwell, B. G., Pearl, R. G., Kudelko, K. T., Zamanian, R. T., Hill, C. C.
2012; 26 (5): 940-944
 - **Effect of Adenosine-Regulating Agent Acadesine on Morbidity and Mortality Associated With Coronary Artery Bypass Grafting The RED-CABG Randomized Controlled Trial** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
Newman, M. F., Ferguson, T. B., White, J. A., Ambrosio, G., Koglin, J., Nussmeier, N. A., Pearl, R. G., Pitt, B., Wechsler, A. S., Weisel, R. D., Reece, T. L., Lira, A., Harrington, et al

2012; 308 (2): 157-164

- **Self-Reported Information Needs of Anesthesia Residency Applicants and Analysis of Applicant-Related Web Sites Resources at 131 United States Training Programs** *ANESTHESIA AND ANALGESIA*
Chu, L. F., Young, C. A., Zamora, A. K., Lowe, D., Hoang, D. B., Pearl, R. G., Macario, A.
2011; 112 (2): 430-439
- **A Prospective Randomized Pilot Study of Near-Infrared Spectroscopy-Directed Restricted Fluid Therapy versus Standard Fluid Therapy in Patients Undergoing Elective Colorectal Surgery** *AMERICAN SURGEON*
Cohn, S. M., Pearl, R. G., Acosta, S. M., Nowlin, M. U., Hernandez, A., Guta, C., Michalek, J. E.
2010; 76 (12): 1384-1392
- **Learning management systems and lecture capture in the medical academic environment.** *International anesthesiology clinics*
Chu, L. F., Young, C. A., Ngai, L. K., Cun, T., Pearl, R. G., Macario, A.
2010; 48 (3): 27-51
- **Anesthesia for patients with pulmonary hypertension** *CURRENT OPINION IN ANESTHESIOLOGY*
Pritts, C. D., Pearl, R. G.
2010; 23 (3): 411-416
- **Learning Management Systems and Lecture Capture in the Medical Academic Environment** *INTERNATIONAL ANESTHESIOLOGY CLINICS*
Chu, L. F., Young, C. A., Ngai, L. K., Cun, T., Pearl, R. G., Macario, A.
2010; 48 (3): 27-51
- **Adoption of anesthesia information management systems by academic departments in the United States** *ANESTHESIA AND ANALGESIA*
Halbeis, C. B., Epstein, R. H., Macario, A., Pearl, R. G., Grunwald, Z.
2008; 107 (4): 1323-1329
- **Training attendings to be expert teachers: the Stanford Anesthesia Teaching Scholars Program** *JOURNAL OF CLINICAL ANESTHESIA*
Macario, A., Edler, A., Pearl, R.
2008; 20 (3): 241-242
- **Neurotensin increases mortality and mast cells reduce neurotensin levels in a mouse model of sepsis** *NATURE MEDICINE*
Piliponsky, A. M., Chen, C., Nishimura, T., Metz, M., Rios, E. J., Dobner, P. R., Wada, E., Wada, K., Zacharias, S., Mohanasundaram, U. M., Faix, J. D., Abrink, M., Pejler, et al
2008; 14 (4): 392-398
- **Efficacy and safety of epoetin alfa in critically ill patients** *NEW ENGLAND JOURNAL OF MEDICINE*
Corwin, H. L., Gettinger, A., Fabian, T. C., May, A., Pearl, R. G., Heard, S., An, R., Bowers, P. J., Burton, P., Klausner, M. A., Corwin, M. J.
2007; 357 (10): 965-976
- **Thrombin-activatable fibrinolysis inhibitor (TAFI) regulates activated complement C5a in vivo.** *46th Annual Meeting of the American-Society-of-Hematology*
Nishimura, T., Myles, T., Nagashima, M., MORSER, J., Pearl, R. G., Leung, L. L.
AMER SOC HEMATOLOGY.2004: 812A-812A
- **Extended evaluation of recombinant human activated protein C United States trial (ENHANCE US) - A single-arm, phase 313, multicenter study of drotrecogin alfa (activated) in severe sepsis** *CHEST*
Bernard, G. R., Margolis, B. D., Shanies, H. M., Ely, E. W., Wheeler, A. P., Levy, H., Wong, K., Wright, T. J., Ahmed, M., Albertson, T., Anas, N., Astiz, M., Bacon, et al
2004; 125 (6): 2206-2216
- **Longitudinal transcriptional analysis of developing neointimal vascular occlusion and pulmonary hypertension in rats** *PHYSIOLOGICAL GENOMICS*
Vaszar, L. T., Nishimura, T., Storey, J. D., Zhao, G. H., Qiu, D. M., Faul, J. L., Pearl, R. G., Kao, P. N.
2004; 17 (2): 150-156
- **The CRIT Study: Anemia and blood transfusion in the critically ill - Current clinical practice in the United States** *CRITICAL CARE MEDICINE*
Corwin, H. L., Gettinger, A., Pearl, R. G., Fink, M. P., Levy, M. M., Abraham, E., MacIntyre, N. R., Shabot, M., Duh, M. S., Shapiro, M. J.
2004; 32 (1): 39-52
- **Thrombin activatable fibrinolysis inhibitor, a potential regulator of vascular inflammation** *JOURNAL OF BIOLOGICAL CHEMISTRY*
Myles, T., Nishimura, T., Yun, T. H., Nagashima, M., MORSER, J., Patterson, A. J., Pearl, R. G., Leung, L. L.

2003; 278 (51): 51059-51067

- **Overview of anemia and blood management in critical care** *CRITICAL CARE MEDICINE*
Pearl, R. G., Sibbald, W. J.
2003; 31 (12): S649-S650
- **Simvastatin rescues rats from fatal pulmonary hypertension by inducing apoptosis of neointimal smooth muscle cells** *CIRCULATION*
Nishimura, T., Vaszar, L. T., Faul, J. L., Zhao, G. H., Berry, G. J., Shi, L. F., Qiu, D. M., Benson, G., Pearl, R. G., Kao, P. N.
2003; 108 (13): 1640-1645
- **Anemia and blood transfusion in trauma patients admitted to the intensive care unit** *JOURNAL OF TRAUMA-INJURY INFECTION AND CRITICAL CARE*
Shapiro, M. J., Gettinger, A., Corwin, H. L., Napolitano, L., Levy, M., Abraham, E., Fink, M. P., MacIntyre, N., Pearl, R. G., Shabot, M. M.
2003; 55 (2): 269-273
- **Effect of a surgical aortocaval fistula on mono crotaline-induced pulmonary hypertension** *CRITICAL CARE MEDICINE*
Nishimura, T., Faul, J. L., Berry, G. J., Kao, P. N., Pearl, R. G.
2003; 31 (4): 1213-1218
- **Efficacy of recombinant human erythropoietin in critically ill patients - A randomized controlled trial** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
Corwin, H. L., Gettinger, A., Pearl, R. G., Fink, M. P., Levy, M. M., Shapiro, M. J., Corwin, M. J., Colton, T.
2002; 288 (22): 2827-2835
- **Understanding and managing anemia in critically ill patients.** *Critical care nurse*
Pearl, R. G., Pohlman, A.
2002: 1-12
- **Simvastatin attenuates smooth muscle neointimal proliferation and pulmonary hypertension in rats** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*
Nishimura, T., Faul, J. L., Berry, G. J., Vaszar, L. T., Qiu, D. M., Pearl, R. G., Kao, P. N.
2002; 166 (10): 1403-1408
- **The airway: emergent management for nonanesthesiologists** *WESTERN JOURNAL OF MEDICINE*
Fowler, R. A., Pearl, R. G.
2002; 176 (1): 45-50
- **Clinical guidelines for the treatment of ventilator-associated pneumonia** *CRITICAL CARE MEDICINE*
Fowler, R. A.
2002; 30 (1): 266-266
- **Improved technique for fascial sling reconstruction of severe congenital ptosis** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Pearl, R. M.
2001; 107 (4): 1059-1059
- **Nutritional deficiencies and blunted erythropoietin response as causes of the anemia of critical illness** *JOURNAL OF CRITICAL CARE*
Rodriguez, R. M., Corwin, H. L., Gettinger, A., Corwin, M. J., Gubler, D., Pearl, R. G.
2001; 16 (1): 36-41
- **40-O-(2-hydroxyethyl)-rapamycin attenuates pulmonary arterial hypertension and neointimal formation in rats** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*
Nishimura, T., Faul, J. L., Berry, G. I., Veve, I., Pearl, R. G., Kao, P. N.
2001; 163 (2): 498-502
- **Triptolide attenuates pulmonary arterial hypertension and neointimal formation in rats** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*
Faul, J. L., Nishimura, T., Berry, G. J., BENSON, G. V., Pearl, R. G., Kao, P. N.
2000; 162 (6): 2252-2258
- **Combination therapy with inhaled nitric oxide and intravenous dobutamine during pulmonary hypertension in the rabbit** *JOURNAL OF CARDIOVASCULAR PHARMACOLOGY*
Bradford, K. K., Deb, B., Pearl, R. G.

2000; 36 (2): 146-151

- **Combined therapy with zaprinast and inhaled nitric oxide abolishes hypoxic pulmonary hypertension** *CRITICAL CARE MEDICINE*
Nagamine, J., Hill, L. L., Pearl, R. G.
2000; 28 (7): 2420-2424
- **Additive effects of inhaled nitric oxide and intravenous milrinone in experimental pulmonary hypertension** *CRITICAL CARE MEDICINE*
Deb, B., Bradford, K., Pearl, R. G.
2000; 28 (3): 795-799
- **Sonic vibrational analysis provides continuous measurement of arterial properties** *JOURNAL OF CLINICAL MONITORING AND COMPUTING*
Rodriguez, R. M., Sher, M. H., Beringer, K. A., Caro, R. G., Pearl, R. G.
2000; 16 (7): 501-508
- **Inhaled nitric oxide and pulmonary vasoreactivity** *JOURNAL OF CLINICAL MONITORING AND COMPUTING*
Aranda, M., Pearl, R. G.
2000; 16 (5-6): 393-401
- **Efficacy of recombinant human erythropoietin in the critically ill patient: A randomized, double-blind, placebo-controlled trial** *CRITICAL CARE MEDICINE*
Corwin, H. L., Gettinger, A., Rodriguez, R. M., Pearl, R. G., Gubler, K. D., Enny, G., Colton, T., Corwin, M. J.
1999; 27 (11): 2346-2350
- **Combined therapy with inhaled nitric oxide and intravenous vasodilators during acute and chronic experimental pulmonary hypertension** *ANESTHESIA AND ANALGESIA*
ARANDA, M., Bradford, K. K., Pearl, R. G.
1999; 89 (1): 152-158
- **Inhaled nitric oxide potentiates actions of adenosine but not of sodium nitroprusside in experimental pulmonary hypertension** *PHARMACOLOGY*
Patterson, K. W., Deb, B., Kavanagh, B. P., Pearl, R. G.
1999; 58 (5): 246-251
- **Combined inhaled nitric oxide and inhaled prostacyclin during experimental chronic pulmonary hypertension** *JOURNAL OF APPLIED PHYSIOLOGY*
Hill, L. L., Pearl, R. G.
1999; 86 (4): 1160-1164
- **Inhibition of endogenous nitric oxide synthesis potentiates the effects of sodium nitroprusside but not of adenosine in experimental pulmonary hypertension** *PHARMACOLOGY*
Wall, M. H., Patterson, K. W., Kavanagh, B. P., Pearl, R. G.
1999; 58 (1): 34-43
- **Continuous cardiac output catheters - Delay in in vitro response time after controlled flow changes** *ANESTHESIOLOGY*
ARANDA, M., Mihm, F. G., Garrett, S., Mihm, M. N., Pearl, R. G.
1998; 89 (6): 1592-1595
- **Pulmonary hypertension and major surgery** *ANESTHESIA AND ANALGESIA*
Rodriguez, R. M., Pearl, R. G.
1998; 87 (4): 812-815
- **Prediction of poor outcome of intensive care unit patients admitted from the emergency department** *CRITICAL CARE MEDICINE*
Rodriguez, R. M., Wang, N. E., Pearl, R. G.
1997; 25 (11): 1801-1806
- **Combined therapy with inhaled nitric oxide and intravenous vasodilators during experimental pulmonary hypertension**
ARANDA, M., Kilroy, K., Pearl, R. G.
LIPPINCOTT WILLIAMS & WILKINS.1997: A1123-A1123
- **Nitroglycerin does not alter pulmonary vascular permeability in isolated rabbit lungs** *46th Annual Meeting of the American-Society-of-Anesthesiologists*
Thompson, J. S., Kavanagh, B. P., Pearl, R. G.
LIPPINCOTT WILLIAMS & WILKINS.1997: 359-62

- **An economic analysis of health care reform and its implications for plastic surgery** *Annual Meeting of the American-Society-of-Plastic-and-Reconstructive-Surgeons*
Pearl, R. M., McAllister, H., PRUZANSKY, J.
LIPPINCOTT WILLIAMS & WILKINS.1997: 1-9
- **Mechanical ventilation and adjuncts in acute respiratory distress syndrome** *INTERNATIONAL ANESTHESIOLOGY CLINICS*
Deb, B., Pearl, R. G.
1997; 35 (1): 109-124
- **Delayed time response of the continuous cardiac output pulmonary artery catheter** *ANESTHESIA AND ANALGESIA*
Siegel, L. C., HENNESSY, M. M., Pearl, R. G.
1996; 83 (6): 1173-1177
- **Inhibition of endogenous nitric oxide synthase potentiates nitrovasodilators in experimental pulmonary hypertension** *American-Society-of-Anesthesiologists Annual Meeting*
Kavanagh, B. P., Thompson, J. S., Pearl, R. G.
LIPPINCOTT WILLIAMS & WILKINS.1996: 860-66
- **Plasma potentiates the priming effects of endotoxin on platelet activating factor-induced pulmonary hypertension in the rabbit lung** *ANESTHESIA AND ANALGESIA*
Goldsmith, J. A., Kavanagh, B. P., Pearl, R. G.
1996; 83 (2): 242-246
- **PULMONARY CAPILLARY-PRESSURE MEASUREMENT FROM PULMONARY-ARTERY OCCLUSION PRESSURE DECAY PROFILE ANALYSIS IN SHEEP** *ANESTHESIA AND ANALGESIA*
WAKERLIN, G. E., Finn, J. C., Siegel, L. C., BENSON, G. V., Flavin, T. F., Pearl, R. G.
1995; 81 (1): 17-23
- **IMPROVED TECHNIQUE FOR FASCIAL SLING RECONSTRUCTION OF SEVERE CONGENITAL PTOSIS** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Pearl, R. M.
1995; 95 (5): 920-923
- **EFFECT OF BLOOD AND ALBUMIN ON PULMONARY-HYPERTENSION AND EDEMA IN PERFUSED RABBIT LUNGS** *JOURNAL OF APPLIED PHYSIOLOGY*
KRAFT, S. A., Fujishima, S., McGuire, G. P., Thompson, J. S., Raffin, T. A., Pearl, R. G.
1995; 78 (2): 499-504
- **INHALED NITRIC-OXIDE IN ANESTHESIA AND CRITICAL CARE MEDICINE** *INTERNATIONAL ANESTHESIOLOGY CLINICS*
Kavanagh, B. P., Pearl, R. G.
1995; 33 (1): 181-210
- **INHALED NITRIC-OXIDE DOES NOT ALTER THE LONGITUDINAL DISTRIBUTION OF PULMONARY VASCULAR-RESISTANCE** *JOURNAL OF APPLIED PHYSIOLOGY*
LINDEBORG, D. M., Kavanagh, B. P., VANMEURS, K., Pearl, R. G.
1995; 78 (1): 341-348
- **INHIBITION OF ENDOGENOUS NITRIC-OXIDE SYNTHASE POTENTIATES NITROVASODILATORS IN PULMONARY-HYPERTENSION**
Kavanagh, B. P., Thompson, J. S., Pearl, R. G.
LIPPINCOTT WILLIAMS & WILKINS.1994: A1492-A1492
- **SERUM BUT NOT PLASMA PRODUCES INJURY IN THE PERFUSED RABBIT LUNG** *ANESTHESIA AND ANALGESIA*
MOUCHAWAR, A. M., Kavanagh, B. P., Pearl, R. G.
1994; 79 (1): 40-45
- **ADENOSINE PRODUCES PULMONARY VASODILATION IN THE PERFUSED RABBIT LUNG VIA AN ADENOSINE A(2) RECEPTOR** *ANESTHESIA AND ANALGESIA*
Pearl, R. G.
1994; 79 (1): 46-51
- **EFFECTS OF L-GLUTAMINE ON PULMONARY-HYPERTENSION IN THE PERFUSED RABBIT LUNG** *PHARMACOLOGY*

- Xu, H., Pearl, R. G.
1994; 48 (4): 260-264
- **EFFECTS OF INHALED NO AND INHIBITION OF ENDOGENOUS NO SYNTHESIS IN OXIDANT-INDUCED ACUTE LUNG INJURY** *JOURNAL OF APPLIED PHYSIOLOGY*
Kavanagh, B. P., MOUCHAWAR, A., Goldsmith, J., Pearl, R. G.
1994; 76 (3): 1324-1329
 - **CLINICAL USES OF PROSTAGLANDINS IN ANESTHESIA AND INTENSIVE-CARE MEDICINE** *BAILLIERES CLINICAL ANAESTHESIOLOGY*
Kavanagh, B. P., Pearl, R. G.
1994; 8 (1): 175-200
 - **EXTENSOR DIGITI-MINIMI TENDON TRANSFER TO PREVENT RECURRENT ULNAR DRIFT** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Pearl, R. M., Hentz, V. R.
1993; 92 (3): 507-510
 - **INOTROPIC THERAPY IN THE CRITICALLY ILL PATIENT** *INTERNATIONAL ANESTHESIOLOGY CLINICS*
LINDEBORG, D. M., Pearl, R. G.
1993; 31 (2): 49-71
 - **PULMONARY CAPILLARY-PRESSURE MEASUREMENT DURING GLOBAL HYPOXIA IN SHEEP** *ANESTHESIA AND ANALGESIA*
Siegel, L. C., Pearl, R. G., August, D. A.
1993; 76 (1): 149-155
 - **BIGUANIDE-ASSOCIATED LACTIC-ACIDOSIS - CASE-REPORT AND REVIEW OF THE LITERATURE** *ARCHIVES OF INTERNAL MEDICINE*
Gan, S. C., Barr, J., Arieff, A. I., Pearl, R. G.
1992; 152 (11): 2333-2336
 - **PULMONARY-ARTERY CATHETERIZATION - THE RIGHT HEART SHOULD NOT BE LEFT OUT - A CASE-REPORT** *ANGIOLOGY*
Cook, D. J., Davis, S. F., Barr, J. A., Pearl, R. G.
1992; 43 (11): 952-956
 - **TREATMENT OF ENOPHTHALMOS** *CLINICS IN PLASTIC SURGERY*
Pearl, R. M.
1992; 19 (1): 99-111
 - **EFFECTS OF PROSTAGLANDIN-E1 AND HYDRALAZINE ON THE LONGITUDINAL DISTRIBUTION OF PULMONARY VASCULAR-RESISTANCE DURING VASOCONSTRICTOR PULMONARY-HYPERTENSION IN SHEEP** *ANESTHESIOLOGY*
Pearl, R. G., Siegel, L. C.
1992; 76 (1): 106-112
 - **LONGITUDINAL DISTRIBUTION OF PULMONARY VASCULAR-RESISTANCE AFTER ENDOTOXIN ADMINISTRATION IN SHEEP** *CRITICAL CARE MEDICINE*
Pearl, R. G., BAER, E. R., Siegel, L. C., BENSON, G. V., Rice, S. A.
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