
Education

Internship	University of Colorado Medical Center, Denver, Colorado	7/71 - 6/72
Residency	University of Colorado Medical Center, Denver, Colorado	7/72 - 6/73
Residency	University of Washington, Seattle, Washington	7/73 - 6/74
Fellowship	University of Colorado Medical Center, Denver, Colorado (Pulmonary Disease)	7/74 - 6/76
Program for Chiefs of Clinical Services, Harvard School of Public Health, Boston, MA		1/01
Toyota Lean Thinking Systems Engineering (Black Belt)		2/05

Board Certification

American Board of Internal Medicine	1974
Pulmonary Disease	1978
Critical Care Medicine	1988
Critical Care Medicine recertification	1997

Honors

Dean's List, University of Colorado	1966, 1967
Lange Award (Best student in Medicine), University of Colorado	1971
Alpha Omega Alpha	1971
Western Society for Clinical Investigation	1983
American Society for Clinical Investigation	1987
Western Association of Physicians	1989
Listed in seven consecutive editions of The Best Doctors in America	1991, 1994, 1997, 1999, 2001-2, 2003-4, 2005-6
Physician Appreciation Award, Colorado Society for Respiratory Care	2002
Outstanding Instructor, Internal Medicine, School of Medicine	May, 2002
Wasserman Lecture and Visiting Professorship, Harbor-UCLA	February, 2005
Menkes Lecture, Maryland Thoracic Society	October, 2005
First Prize, British Medical Association Medical Book Competition, Clinical Respiratory Medicine, Second Edition, November	2005

Publications

Original Investigations, Review Articles, Editorials, Letters:

1. **Albert, RK**, Sbarbaro, JA, Hudson, LD, Iseman, MD. High-dose ethambutol: A 6-year study of its role in intermittent chemotherapy. *Am Rev Respir Dis* 1976; 114: 699-704.
2. **Albert, RK**, Stage, A, Iseman, M, Pierson, D, Sbarbaro, JA. Monitoring tuberculosis patients for treatment failure. *Am Rev Respir Dis* 1976; 114: 1051-60.
3. **Albert, RK**, Roberts, JP, Oliva, PB. Atrial arrhythmias with low amplitude P waves. *Chest* 1974; 65: 82-3
4. **Albert, RK**, Petty, TL. Endobronchial tuberculosis progressing to bronchial stenosis. *Chest* 1976; 70: 537-9.
5. Butler, J, Culver, BH, Huseby, J, **Albert, RK**. The hemodynamics of pulmonary edema. *Am Rev Respir Dis* 1977; 115: 173-80.
6. **Albert, RK**, Lakshminarayan, S, Miller, W. Long-term rifampin therapy and the secondary antibody response to killed influenza vaccine. *Am Rev Respir Dis* 1978; 117: 605-7.

7. **Albert, RK**, Lakshminarayan, S, Huang, T, Butler, J. Fluid leaks from extra-alveolar vessels in living dog lungs. *J Appl Physiol: Respir Environ Exercise Physiol* 1978; 44: 759-62.
8. Dreisin, RB, **Albert, RK**, Talley, PA, Kryger, MH, Scoggin, CH, Zwillich, CW. Flexible fiberoptic bronchoscopy in the teaching hospital. *Chest* 1978; 74: 144-9.
9. **Albert, RK**, Lakshminarayan, S, Hildebrandt, J, Kirk, W, Butler, J. Increased surface tension favors pulmonary edema formation in anesthetized dogs' lungs. *J Clin Invest* 1979; 63: 1015-8.
10. Rostykus, PS, McDonald, GB, **Albert, RK**. Upper intestinal endoscopy induces hypoxemia in patients with obstructive pulmonary disease. *Gastroenterology* 1980; 78: 488-91.
11. **Albert, RK**, Martin, TR, Lewis, SW. Controlled clinical trial of methylprednisolone in patients with chronic bronchitis and acute respiratory insufficiency. *Ann Int Med* 1980; 92: 753-8.
12. **Albert, RK**, Lakshminarayan, S, Kirk, W, Butler, J. Lung inflation can cause pulmonary edema in zone I of in-situ dog lungs. *J Appl Physiol: Respir Environ Exercise Physiol* 1980; 49: 815-9.
13. Iseman, MD, **Albert, RK**, Locks, M, Raleigh, J, Sutton, F, Farer, LS. Guidelines for short-course chemotherapy of tuberculosis. *Am Rev Respir Dis* 1980; 121: 611-3.
14. **Albert, RK**, Condie, F. Handwashing patterns in medical intensive care units. *New Engl J Med* 1981; 304: 1465-6.
15. **Albert, RK**. Factors affecting transvascular fluid and protein movement in pulmonary edema and ARDS. *Sem Respir Med* 1981; 2: 109-13.
16. Martin, TR, Lewis, SW, **Albert, RK**. The prognosis of patients with chronic obstructive pulmonary disease after hospitalization for acute respiratory failure. *Chest* 1982; 82: 310-4.
17. **Albert, RK**, Lakshminarayan, S, Charan, NB, Kirk, W, Butler, J. Extra-alveolar vessel contribution to hydrostatic pulmonary edema in in-situ dog lungs. *J Appl Physiol: Respir Environ Exercise Physiol* 1983; 54: 1010-7.
18. Burki, N, **Albert, RK**. Noninvasive monitoring of arterial blood gases. *Chest* 1983; 83: 666-70.
19. Bailey, WC, **Albert, RK**, Davidson, PT, Farer, LS, Glassroth, J, Kendig, E, Loudon, RG, Inselman, LS. Treatment of tuberculosis and other mycobacterial diseases. *Am Rev Respir Dis* 1983; 127: 790-6.
20. Farer, LS, Flynn, JP, Reza, RJ, Bailey, WC, **Albert, RK**. Control of tuberculosis. *Am Rev Respir Dis* 1983; 128: 336-46.
21. Coffey, RL, Robertson, HT, **Albert, RK**. Mechanisms of physiological dead space response to PEEP after oleic acid lung injury. *J Appl Physiol: Respir Environ Exercise Physiol* 1983; 55: 1550-7.

22. Martin, TR, **Albert, RK**, Altman, LC, Henderson, WR. Leukotriene B4 production by the human alveolar macrophage: A potential mechanism for amplifying inflammation in the lung. *Am Rev Respir Dis* 1984; 129: 106-11.
23. Baile, EM, **Albert, RK**, Kirk, W, Lakshminarayan, S, Wiggs, BJR, Pare, PD. Positive end-expiratory pressure decreases bronchial blood flow in the dog. *J Appl Physiol: Respir Environ Exercise Physiol* 1984; 56: 1289-93.
24. Aitken, ML, Sparks, R, Anderson, K, **Albert, RK**. Predictors of drug-resistant *Mycobacterium tuberculosis*. *Am Rev Respir Dis* 1984; 130: 831-3.
25. Bone, RC, **Albert, RK**, Dantzker, D, Divertie, M, Fallot, R, Fruth, R, Rawlings, C. Monitoring oxygen therapy. In: ACCP-NHLBI National Conference on Oxygen Therapy, ed., Fullmer, J, Snider, GL, *Chest* 1984; 87: 234-247.
26. **Albert, RK**. Least PEEP: Primum non nocere. *Chest* 1985; 87: 2-4.
27. Addington, WW, **Albert, RK**, Bass, JB, Jr., Catlin, BJ, Loudon, RG, Seggerson, J, Slutkin, G. Non-drug issues in chemotherapy. In Report of the Consensus Committee on Tuberculosis, ed.: Iseman, M, and Sbarbaro, JA. *Chest* 1985; 87: 11S-49S.
28. Sato, P, Madtes, DK, Thorning, D, **Albert, RK**. Bronchiolitis obliterans caused by *Legionella Pneumophila*. *Chest* 1985; 87: 840-2.
29. **Albert, RK**, Muramoto, A, Caldwell, J Koepsell, T, Butler, J. Increases in intrathoracic pressure do not explain the rise in left ventricular end-diastolic pressure that occurs during exercise in patients with chronic obstructive pulmonary disease. *Am Rev Respir Dis* 1985; 132: 623-7.
30. **Albert, RK**, Kirk, W, Pitts, C, Butler, J. Extra-alveolar vessel fluid filtration coefficients in excised and in-situ canine lobes. *J Appl Physiol* 1985; 59: 1555-9.
31. Muramoto, A, Caldwell, J, **Albert, RK**, Lakshminarayan, S, Butler, J, Nifedipine dilates the pulmonary vasculature without producing symptomatic systemic hypotension in upright resting and exercising patients with pulmonary hypertension secondary to chronic obstructive pulmonary disease. *Am Rev Respir Dis* 1985; 132: 963-6.
32. Charan, N, **Albert, RK**, Lakshminarayan, S, Kirk, W, Butler, J. Factors affecting bronchial blood flow through bronchopulmonary anastomoses in anesthetized dogs. *Am Rev Respir Dis* 1986; 134: 85-88.
33. Maunder, RJ, Hackman, RC, Riff, ER, **Albert, RK**, Springmeyer, SC. Occurrence of the adult respiratory distress syndrome in neutropenic patients. *Am Rev Respir Dis* 1986; 133: 313-6.
34. Charan, N, Lakshminarayan, S, Kirk, **Albert, RK**, Butler, J. Hypoxia and hypercarbia increase bronchial blood flow through broncho-pulmonary anastomoses in anesthetized dogs. *Am Rev Respir Dis* 1986; 134: 89-92.
35. **Albert, RK**, Schrijen, F, Poincelot, F. Oxygen consumption and transport in stable patients with chronic pulmonary disease. *Am Rev Respir Dis* 1986; 134: 678-82.
36. **Albert, RK**, Greenberg, G, Guest, RJ, Luchtel, D, Henderson, WR. Leukotrienes C4 and D4 do not increase the filtration coefficient of excised perfused guinea pig lungs. *J Appl Physiol* 1987; 62: 1-9.

37. **Albert, RK**, Leasa, D, Sanderson, M, Robertson, HT, Hlastala, MP. The prone position improves oxygenation and reduces shunt in oleic acid-induced acute lung injury. *Am Rev Respir Dis* 1987; 135: 628-33.
38. Agostoni, PG, Deffebach, ME, Kirk, W, Mendenhall, JM, **Albert, RK**, Butler, J. Temperature alters the bronchial blood flow response to pulmonary artery obstruction. *J Appl Physiol* 1987; 62: 1907-11.
39. Lamm, WJE, **Albert, RK**. Continuity of arterial and venous extra-alveolar interstitium in excised rabbit lungs. *J Appl Physiol* 1987; 63: 634-8.
40. Aitken, ML, Anderson, KM, **Albert, RK**. Is the tuberculosis screening program of hospital employees still required? *Am Rev Respir Dis* 1987; 136: 805-7.
41. Bolin, RW, **Albert, RK**. Lung endothelial and epithelial permeability after platelet activating factor. *J Appl Physiol* 1987; 63: 1770-5.
42. Massey, LW, Hussey, JD, **Albert, RK**. Inaccurate oxygen delivery in some portable liquid oxygen devices. *Am Rev Respir Dis* 1988; 137: 204-5.
43. **Albert, RK**. Non-pulmonary effects of PEEP. *Respir Care* 1988; 6: 464-71.
44. **Albert, RK**, Lamm, WJE, Luchtel, DL. Effect of lung inflation on fluid flux in zone I lungs. *J Appl Physiol* 1988; 64: 285-90.
45. **Albert, RK**. Non-pulmonary effects of PEEP. *Respir Care* 1988; 6: 464-71.
46. Lamm, WJE, Luchtel, DL, **Albert, RK**. Sites of leakage in three models of acute lung injury. *J Appl Physiol* 1988; 64: 1079-83.
47. Bolin, R, Guest, RJ, **Albert, RK**. Glycolysis is not required for fluid homeostasis in isolated rabbit lungs. *J Appl Physiol* 1988; 64: 2517-21.
48. Aitken, ML, Anderson, K, **Albert, RK**. Annual tuberculosis screening of hospital employees: An idea lacking supporting data. *Am Rev Respir Dis* 1988; 138: 3-4.
49. **Albert, RK**. Assessment of right ventricular function. *Chest* 1988; 94: 1123-4.
50. Butler, J, Schrijen, F, Henriquez, A, Polu, J-M, **Albert, RK**. Cause of the raised wedge pressure on exercise in chronic obstructive pulmonary disease. *Am Rev Respir Dis* 1988; 138: 350-4.
51. **Albert, RK**, Lamm, WJE, Henderson, WR, Bolin, RW. Effect of leukotrienes B₄, C₄, and D₄ on segmental pulmonary vascular pressures. *J Appl Physiol* 1989; 66: 458-64.
52. Koyama, S, Lamm, WJE, Hildebrandt, J, **Albert, RK**. Flow characteristics of open vessels in zone I rabbit lungs. *J Appl Physiol*. 1989; 66: 1817-1823.
53. Wiener, CM, Kirk, W, **Albert, RK**. The prone position reverses the gravitational distribution of perfusion in dog lungs with oleic acid-induced injury. *J Appl Physiol*. 1990; 68: 1386-92.
54. Lamm, WJE, **Albert, RK**. Surfactant replacement improves lung recoil in rabbit lungs after acid aspiration. *Am. Rev. Respir. Dis*. 1990; 142: 1279-83.

55. Lamm, WJE, Kirk, KR, Hanson, WL, Wagner, WW Jr., **Albert, RK**. Flow through Zone I lungs utilizes alveolar corner vessels. *J Appl Physiol*. 1991; 70: 1518-23.
56. Butler, J, **Albert, RK**. Estimating left ventricular filling pressure in patients receiving positive end-expiratory pressure. *Am Rev Respir Dis* 1991; 144: 993.
57. Mutoh, T, Lamm, WJE, Embree, LJ, Hildebrandt, J, **Albert, RK**. Abdominal distension alters regional pleural pressures and chest wall mechanics in pigs in vivo. *J Appl Physiol*. 1991; 70: 2611-8.
58. Glenny, R, Lamm, W.J.E., **Albert, R.K.**, Robertson, H.T. Gravity is a minor determinant of pulmonary blood flow distribution. *J Appl Physiol*. 1991; 71: 620-29.
59. Luchtel, DL, Embree, L, Guest, R, **Albert, RK**. Extra-alveolar veins are continuous with, and leak fluid into, peri-arterial cuffs in rabbit lungs. *J Appl Physiol*. 1991; 71: 1606-13.
60. Mutoh, T, Lamm, WJE, Embree, LJ, Hildebrandt, J, **Albert, RK**. Volume infusion produces abdominal distension, lung compression and chest wall stiffening in pigs in vivo. *J. Appl. Physiol*. 1992; 72: 575-82.
61. Bishop, MJ, Lamm, W, Guidotti, SM, **Albert, RK**. Pulmonary artery occlusion is sufficient to increase pulmonary vascular permeability in rabbits. *J Appl Physiol*. 1992; 73: 272-5.
62. **Albert, RK**, Embree, LJ, McFeeley, JE, Hickstein, DD. Expression and function of $\alpha 2$ integrins on alveolar macrophages from human and non-human primates. *Am J Respir Cell Mol Biol*. 1992; 7: 182-9.
63. Mutoh, T, Guest, RJ, Lamm, WJE, **Albert, RK**. Prone position alters the effect of volume overload on regional pleural pressures and improves hypoxemia in pigs in-vivo. *Am Rev Respir Dis*. 1992; 146: 300-6.
64. **Albert, RK**, Lamm, WJE, Rickaby, DA, Al-Tinawi, A, Dawson, CA. Lung inflation distends small arteries (< 1 mm) in excised dog lungs. *J Appl Physiol* 1993; 75: 2595-2601.
65. Saito, O, Lamm, WJE, Hildebrandt, J, **Albert, RK**. Pulsatile and non-pulsatile pressure-flow relations in zone III excised rabbit lungs. *J Appl Physiol* 1994; 76: 370-79.
66. Lamm, WJE, Graham, MM, **Albert, RK**. Mechanism by which the prone position improves oxygenation in acute lung injury. *Am J Resp Crit Care Med* 1994; 150: 184-93.
67. Hert, R, **Albert, RK**. Sequelae of the adult respiratory distress syndrome. *Thorax* 1994; 49: 8-13.
68. **Albert, RK**. One good turn.... *Intensive Care Medicine* 1994; 20: 247-8.
69. **Albert, RK**. A critique of the ACCP Consensus Conference on mechanical Ventilation. *J Intensive Care Med* 1995; 10: 201-7.
70. Saito, O, Lamm, WJE, Hildebrandt, J, **Albert, RK**. Flow pulsatility does not increase mean microvascular pressure or filtration in zone 3 rabbit lungs. *J App. Physiol* 1995; 78: 914-1003.
71. Benditt, JO, **Albert, RK**. Lung reduction surgery: Great expectations and a cautionary note. *Chest* 1995; 107: 297-8.

72. Kelly, JL, **Albert, RK**, Raghu, G. Effect of six weeks of ganciclovir as CMV prophylaxis in lung transplant recipients. *Transplantation* 1995; 59: 1144-7.
73. Benditt, JO, **Albert, RK**. Lung reduction surgery: Great expectations and a cautionary note. *Chest* 1995; 107: 297-8.
74. **Albert, RK**. Mechanisms of the adult respiratory distress syndrome: selectins. 1994 Year-in-Review, *Thorax* 1995; 50; Supplement 1, S49-S52.
75. Ramsey, SD, Patrick, DL, Lewis, S, **Albert, RK**, Raghu, G. Improvement in quality of life as a function of diagnosis in lung transplant patients: A preliminary study. *J Heart Lung Trans.* 1995; 14: 870-7.
76. Ramsey, SD, Patrick, DL, **Albert, RK**, Larson, EB, Raghu, G. The cost-effectiveness of lung transplantation. *Chest* 1995; 108: 1594-1601.
77. Lamm, WJE, Obermiller, T, Hlastala, MP, **Albert, RK**. Perfusion through vessels open in zone 1 contributes to gas exchange in rabbit lungs in situ. *J Appl Physiol* 1995; 79: 1895-99.
78. **Albert, RK**. Positioning and the Patient with Acute Respiratory Distress Syndrome. *Current Opinion in Critical Care*, in press.
79. ATS Pulmonary and Critical Care Training Committee. Role of the pulmonary and critical care medicine physician in the American health care system. *Am J Respir Crit Care Med* 1995; 152: 2199-2201.
80. **Albert, RK**, Lewis, S, Wood, D, Benditt, JO. Economic aspects of lung volume reduction surgery. *Chest* 1996; 110: 1068-71.
81. Tonelli, R, Benditt, JO, **Albert, RK**. Clinical Experimentation: Lessons from lung volume reduction surgery. *Chest* 1996; 110: 230-8.
82. Ramsey, SD, Larson, EB, **Albert, RK**, Raghu, G, Wood, DE, Patrick, DL. Reassessing the cost-effectiveness of lung transplantation. *Chest* 1996; 110: 577.
83. Zhang, Y, Lamm, WJE, **Albert, RK**, Chi, EY, Henderson, WR, Jr., Lewis, DB. Influence of the route of allergen administration and genetic background on the murine allergic pulmonary response. *Am J Respir Crit Care Med* 1997; 155: 661-9.
84. Benditt, JO, Wood, DE, McCool, FD, Lewis, S, **Albert, RK**. Changes in breathing and ventilatory muscle recruitment patterns induced by lung volume reduction surgery. *Am J Respir Crit Care Med* 1997; 155: 279-84.
85. **Albert, RK**. How effective is pulmonary rehabilitation? *Am J Respir Crit Care Med* 1997; 155: 784-5.
86. **Albert, RK**. For every thing (turn...turn...turn). *Am J Respir Crit Care Med* 1997; 155: 393-4
87. Henderson, WR, Lewis, DB, **Albert, RK**, Yu Zang, Lamm, WJE, Eriksen, P, Jonas, M, Chi, EY. The importance of leukotrienes in airway inflammation in a mouse model of asthma. *J Exp Med* 1996; 184: 1483-94.

88. Benditt, JO, Lewis, S, Wood, DE, Klima, L, **Albert, RK**. Lung volume reduction surgery improves maximum O₂ consumption, maximum minute ventilation, O₂ pulse and dead space-to-tidal volume ratio during leg cycle ergometry. *Am J Respir Crit Care Med* 1997; 156: 561-6.
89. Henderson, WR, Jr, Chi, EY, **Albert, RK**, Chu, S-J, Lamm, WJE, Rochon, Y, Jonas, M, Christie, P, Harlan, JE. Blockade of CD49d (α 4 integrin) on intrapulmonary but not circulating leukocytes inhibits airway inflammation and hyperresponsiveness in a mouse model of asthma. *J Clin Invest* 1997; 100: 3083-92.
90. Benditt, JO, **Albert, RK**. Surgical options for patients with advanced emphysema. *Clin Chest Med* 1997; 18: 577-94.
91. Sinclair, S, **Albert, RK**. Altering ventilation-perfusion relationships in patients with acute lung injury. *Intensive Care Med* 1997; 23: 942-50.
92. **Albert, RK**. The prone position in ARDS. Where we are and where do we go from here. *Crit Care Med*. 1997; 25: 1453-4
98. Takasugi, JE, Wood, DE, Godwin, JD, Richardson, ML, Benditt, JO, **Albert, RK**. Lung volume reduction surgery for diffuse emphysema: Radiologic assessment of changes in thoracic dimensions. *J Thoracic Imag* 1998; 13: 36-41.
99. **Albert, RK**, Benditt, JO, Hildebrandt, J, Wood, DE, Hlastala, MP. Lung volume reduction surgery has variable effects on blood gases in patients with emphysema. *Am J Respir Crit Care Med* 1998; 158: 71-76.
100. Weiss, DL, Kreck, T, **Albert, RK**. Dyspnea resulting from fibromyalgia. *Chest* 1998; 113: 246-249.
101. Round Table Conference. Acute lung injury. *Am J Respir Crit Care Med* 1998; 158: 675-9.
102. Wilson, CB, Embree, L, Scholalter, D, **Albert, R**, Aruffo, A, Hollenbaugh, D, Linsley, P, Kay, MA. Transient inhibition of CD28 and CD40 ligand interactions prolongs adenoviral mediated transgene expression in the lung and facilitates expression after secondary vector administration. *J. Virology*, 1998; 72: 7542-50.
103. Huizenga, JF, Ramsey, S, **Albert, RK**. Estimated growth of lung volume reduction surgery among Medicare enrollees: 1994-1996. *Chest* 1998; 114: 1583-7.
104. **Albert, RK**. The prone position in ARDS: What do we know and what do we need to know? *Crit Care Med* 1999; 27: 2574-5.
105. Lamm, WJE, **Albert, RK**. Effect of zonal conditions and posture on pulmonary blood flow distribution to subpleural and interior lung. *J Appl Physiol* 2000; 88: 120-5.
106. **Albert, RK**, Hubmayr, RD. The prone position eliminates compression of the lungs by the heart. *Am J Respir Crit Care Med* 2000; 161: 1660-5.
107. **Albert, RK**, Benditt, JO. Relationship between resting hypercapnia and physiologic parameters before and after lung volume reduction surgery in severe chronic obstructive pulmonary disease. *Am J Respir Crit Care Med*. 2000; 161: 674.

108. Renal Physicians Association, American Society of Nephrology. Shared decision-making in the appropriate initiation of and withdrawal from dialysis. Renal Physicians Association and American Society of Nephrology Clinical Practice Guideline 2000: 2: 1-88.
109. **Albert, RK.** Residency training (letter). The Pharos Winter 2000: 52.
110. **Albert, RK.** Turn about may be more than fair play. Crit Care Med 2000; 28: 571-2.
111. Butler, CW, Snyder, M, Wood, DE, Curtis, JR, **Albert, RK**, Benditt, JO. Underestimation of mortality following lung volume reduction surgery resulting from incomplete followup. Chest 2001; 119: 1056-60.
112. **Albert, RK.** The COMPACCS Study: The buck stops here. Am J Respir Crit Care Med 2001; 163: 9-11.
113. Evans, TW, **Albert, RK**, Angus, DC, Bion, JF, Epstein, SK, Fagan, JY, Ranieri, M, Sznajder, JI, Torres, A, Walley, KR. International consensus conferences in intensive care medicine: Noninvasive positive pressure ventilation in acute respiratory failure. Intensive Care Med 2001; 27: 166-78.
114. Evans, TW, **Albert, RK**, Angus, DC, Bion, JF, Epstein, SK, Fagan, JY, Ranieri, M, Sznajder, JI, Torres, A, Walley, KR. International consensus conferences in intensive care medicine: Noninvasive positive pressure ventilation in acute respiratory failure. Am J Respir Crit Care Med 2001; 163: 283-91.
115. Gatof, D, **Albert, RK.** Bilateral thumb burns leading to the diagnosis of crack lung. Chest 2002; 121: 289-91.
116. Messerole, E, Peine, P, Wittkopp, S, Marini, JJ, **Albert, RK.** The Pragmatics of Prone Positioning. Am J Respir Crit Care Med 2002; 165: 1359-63.
117. **Albert, RK.** Which Patients with ARDS Will Improve With Prone Ventilation, MD Consult, Respiratory Disease, September, 2002.
118. **Albert, RK**, Lamm, WJE. Left atrial pressure can be accurately transmitted to the pulmonary artery despite zone 1 conditions. Am J Respir Crit Care Med 2003; 167: 1016-20.
119. **Albert, RK.** Low-stretch ventilation revisited. MD Consult - Respiratory and Critical Care Medicine, February 2003.
120. Schwarz MA, **Albert RK.** Imitators of the Acute Respiratory Distress Syndrome: Implications for Diagnosis and Treatment. Chest 2004; 125: 1530-5.
121. **Albert RK**, for the COPD Clinical Research Network. The NHLBI COPD Clinical Research Network. Pulm Pharmacol Therap 2004; 17: 111-2.
122. Nemery B, Yew WW, **Albert RK**, Brun-Buisson C, MacNee W, Martinez FJ, Angus DC, Abraham E. Tuberculosis, nontuberculous lung infection, pleural disorders, pulmonary function, respiratory muscles, occupational lung disease, pulmonary infections and social issues in AJRCCM in 2004. Am J Respir Crit Care Med 2005;171:554-62.
123. Kranz M, Zwang O, Rowen S, Statland B, Chu E, Reid M, **Albert, RK.** Hospitalists decrease length of stay in a chest pain observation unit: a pilot study. Crit Pathways in CV Dis 2005;4:55-58.

124. Alvarado, JF, **Albert, RK**. Evaluation of the solitary pulmonary nodule. *Virtual Mentor. Ethics Journal of the American Medical Association*, 2005, Vol 7, Number 7.
125. Chu, E, **Albert, RK**. Equitable allocation of resources. in Pistoria M, Amin A, Dressler D, McKean S, Budnitz T. *Core Competencies in Hospital Medicine, Journal of Hospital Medicine*. 2006; 1 (supplement 1): 68.
126. Mancebo J, Fernandez R, Blanch L, Rialp G, Gordo F, Ferrer M, Rodriguez F, Garro P, Ricart P, Villiverdu I, Gich I, Castano J, Saura P, Dominguez G, Bonet A, **Albert RK**. A multicenter trial of prolonged prone versus supine ventilation in severe acute respiratory distress syndrome. *Am J Respir Crit Care Med* 2006; 173: 1233-9.
127. Boyle D, O'Connell D, Platt FW, **Albert RK**. Disclosing errors in the ICU. *Crit Care Med* 2006; 34:1532-7.
128. Gabow, PA, Karkhanis A, Knight, A, Dixon P, Eisert S, **Albert, RK**. The Fragmented Nature of Resident Workflow. A Case for Work Redesign. *Acad Med* 2006;81:766-75.
129. Zwang, O, **Albert, RK**. An analysis of strategies to improve cost effectiveness of blood cultures. *J Hosp Med*, in press.
130. Bull SV, Douglas I, Foster M, **Albert, RK**. A mandatory protocol for treating patients with diabetic ketoacidosis reduces intensive care unit and hospital lengths of stay: Results of a non-randomized trial. *Crit Care Med*, in press.
131. Martinez FJ, Curtis JL, **Albert RK**. Macrolide therapy in chronic obstructive pulmonary disease: Role of acute and chronic therapy. *J Chronic Obst Pulm Dis* (in review).

Book Chapters:

1. **Albert, RK.** Pulmonary Edema. In: Pulmonary Emergencies, ed.: Sahn, SA, Churchill-Livingstone, Inc., New York, NY, pp. 149-96, 1982.
2. **Albert, RK.** Mechanisms of Lung Injury. In: Pulmonary Disease Reviews, Volume 3, Ed.: Bone, RC, Wiley and Sons, New York, NY, pp. 19-54, 1982.
3. **Albert, RK.** Pulmonary Edema: Morphology and Physiology. In: Pulmonary Disease Reviews, Volume 3, ed.: Bone, RC, Wiley and Sons, New York, NY, pp. 55-77, 1983.
4. **Albert, RK.** Pulmonary Edema: Morphology and Physiology. In: Pulmonary Disease Reviews, Volume 4, ed.: Bone, RC, Wiley and Sons, New York, NY, pp. 21-53, 1984.
5. **Albert, RK.** Basic Mechanisms of Lung Injury. In: Pulmonary Disease Reviews, Volume 4, ed.: Bone, RC, Wiley and Sons, New York, NY, pp. 55-97, 1984.
6. **Albert, RK.** Treatment of normal- and increased-permeability edema. In: Current Therapy of Respiratory Disease, ed. Cherniack, R, B.C. Decker, Inc., New York, New York, pp. 244-9, 1984; and in: Current Therapy in Internal Medicine, ed.: Bayless, TM, Brain, MC, Cherniack, RM, B.C. Decker, Inc., New York, NY, pp. 873-878, 1984.
7. **Albert, RK.** Pulmonary Edema: Morphology, Physiology, Classification, and Measurement. In: Pulmonary Disease Reviews, Volume 5, ed.: Bone, RC, Wiley and Sons, New York, NY, pp. 27-58, 1985.
8. **Albert, RK, Martin, TR.** Pulmonary Edema: Mechanisms of Lung Injury. In: Pulmonary Disease Reviews, Volume 5, ed.: Bone, RC, Wiley and Sons, New York, NY, pp. 59-104, 1985.
9. **Albert, RK.** Sites of leakage in pulmonary edema. In: The Pulmonary Circulation and Pulmonary Vascular Injury, ed.: Said, SI, Futura Publishing Co., Mt. Kisko, NY, pp. 189-207, 1985.
10. **Albert, RK.** Diagnosis of tuberculosis. In: Manual of Medical Diagnosis, ed.: Eisenberg, M and Cummins, R, W.B. Saunders, Philadelphia, PA, pp. 342-9, 1986.
11. **Albert, RK.** Physiology and treatment of inadequate oxygen delivery. In: Cardiopulmonary Critical Care Management, ed.: Fallot, R, and Luce, J, Churchill Livingstone, New York, NY, pp. 37-59, 1987.
12. **Albert, RK.** Pulmonary Edema. In: Current Pulmonology, Volume 7, ed.: Simmons, DH, Year Book Medical Publishers, Chicago, IL, pp. 1-16, 1987.
13. **Albert, RK.** Evaluation of the patient with cyanosis and/or hypoxemia. In: Textbook of Internal Medicine, ed.: Kelley, WN, J.B. Lippincott, Philadelphia, PA, 1989; pp. 2041-4.
14. **Albert, RK.** Evaluation of the patient with hemoptysis. In: Textbook of Internal Medicine, ed.: Kelley, WN, J.B. Lippincott, Philadelphia, PA, 1989, pp. 2051-3.
15. Mengert, TJ, Chestnut, T, **Albert, RK.** Pulmonary Therapeutics. Medical Therapeutics: A Cecil Companion, eds.: Larson, EB, Ramsey, PG, WB Saunders, Philadelphia PA, 1989, pp. 119-182.

16. **Albert, RK.** Sites of leakage in pulmonary edema, in *The Pulmonary Circulation and Acute Lung Injury*, Second Edition, ed. S.I. Said, Futura Publishing Co., Mt. Kisko, NY, 1991, 243-52.
17. **Albert, RK.** Evaluation of the patient with cyanosis and/or hypoxemia. In: *Textbook of Internal Medicine*, Second edition, ed.: Kelley, WN, J.B. Lippincott, Philadelphia, PA, 1874-7.
18. **Albert, RK.** Hemoptysis and lung hemorrhage. In: *Principles of Critical Care Medicine*, ed.: Hall, JB, Wood, LDH, McGraw-Hill, New York, 1992, pg 1736-39.
19. **Albert, RK.** Tuberculosis. In: *Medical Diagnostics*, ed: Dugdale, DC, and Eisenberg, MD, W.B. Saunders, Philadelphia, PA, in press.
20. Mengert, T., T, **Albert, RK.** Pulmonary Conditions. *Medical Therapeutics*, Second Edition, eds.: Ramsey, PG, Larson, EB, WB Saunders, Philadelphia PA, 1992, pp. 238-93.
21. **Albert, RK.** New Ideas in Treatment of ARDS. *Yearbook on Intensive Care and Emergency Medicine*, ed. J-L Vincent, Springer-Verlag, Berlin, 1993; pp. 135-47.
22. **Albert, RK.** Indications and Contraindications of Liver Transplantation. *Yearbook on Intensive Care and Emergency Medicine*, ed. J-L Vincent, Springer-Verlag, Berlin, 1995; pp. 807-16.
23. **Albert, RK.** Pulmonary Hypertension and Cor Pulmonale. In: *Medicine for the Practicing Physician*, Fourth Edition, ed. JW Hurst, Appleton-Lange, Stamford, CT, 1996; pp. 989-93.
24. **Albert, RK.** Outcome and Long-Term Care of ARDS. In: *Acute Respiratory Distress Syndrome: A Comprehensive Clinical Approach*. Eds: JA Russell and KR Walley. Cambridge University Press. Cambridge, Eng., In press.
25. **Albert, RK.** The Effect of Body Position on Perfusion, Ventilation and Gas Exchange in Normal and Injured Lungs. In *Physiological Basis of Ventilatory Support*. Ed. JJ. Marini and AS. Slutsky. *Lung Biology in Health and Disease*, vol 118, ed. C. Lenfant, Marcel Dekker, Inc., New York, NY., 1998, pp. 1093-1112.
26. **Albert, RK.** Immediate Post-Operative Care of Transplant Patients. *Yearbook on Intensive Care and Emergency Medicine*, ed. J-L Vincent, Springer-Verlag, Berlin, 1997, pp. 859-67.
27. **Albert, RK.** Ventilatory Management of ARDS: Permissive Hypercapnia or the Prone Position? Update in *Intensive Care and Emergency Medicine*, Springer-Verlag, Berlin, 1997, pp. 329-37.
28. **Albert, RK.** Chest Pain. *Principles of Respiratory Medicine*, ed. RK Albert, S. Spiro, J. Jett. Mosby, London and Philadelphia, 1999; 18.1 - 18.6.
29. Celli, B, Benditt, J, **Albert, RK.** Chronic Obstructive Pulmonary Disease. *Principles of Respiratory Medicine*, ed. RK Albert, S. Spiro, J. Jett. Mosby, London and Philadelphia, 1999; 37.1 - 37.24.
30. **Albert, RK.** Pulmonary Complications of Obesity. *Principles of Respiratory Medicine*, ed. RK Albert, S. Spiro, J. Jett. Mosby, London and Philadelphia, 1999; 73.1 - 73.4.

31. **Albert, RK**, Wiener-Kronish, J. Preoperative Evaluation. Textbook of Respiratory Medicine, Third Edition, Eds. J.F. Murray, J.A. Nadel, R.J. Mason, H.A. Boushey, Jr., M.D. W.B. Saunders, Orlando, FL. 2000; pp. 883-894.
32. **Albert, RK**. Prone Ventilation. In: Acute Respiratory Distress Syndrome. Clinics in Chest Medicine 2000; 21: 511-17.
33. Sinclair SE, **Albert RK**. Prone ventilation in the Acute Respiratory Distress Syndrome. Thoracic Trauma and Critical Care. Eds. R Karmy-Jones, A Nathens, E Stern. Kluwer Academic Publishers, Boston, MA. 2002. pp. 467-78.
34. **Albert, RK**. Prone ventilation. In: Update in Intensive Care and Emergency Medicine. Number 40: Mechanical Ventilation, eds. AS Slutsky, L Brochard. Springer-Verlag, Berlin, 2003. pp. 381-388.
35. Piedalue, F, **Albert, RK**. Prone Ventilation. Respiratory Care Clinics of North America 2003;9:495-509.
36. **Albert, RK**. Chest Pain. Principles of Respiratory Medicine, Second Edition, ed. RK Albert, S. Spiro, J. Jett. Mosby, London and Philadelphia, 2004, pp. 255-62.
37. **Albert, RK**. Pulmonary Complications of Obesity. Principles of Respiratory Medicine, Second Edition, ed. RK Albert, S. Spiro, J. Jett. Mosby, London and Philadelphia, 2004, pp. 783-8.
38. **Albert, RK**. Hemoptysis and Lung Hemorrhage. In: Principles of Critical Care Medicine, Third Edition, ed.: Hall, JB, Schmidt, G, Wood, LDH, McGraw-Hill, New York, 2005. pp. 583-5.
39. Wiener-Kronish, J, **Albert, RK**, Preoperative Evaluation. Textbook of Respiratory Medicine, Fourth Edition, Eds. R.J. Mason, V. C. Broaddus, J.F. Murray, J.A. Nadel, W.B. Saunders, Orlando, FL. 2005, pp. 781-94.
40. **Albert, RK**. The Importance of Positioning in the Critically Ill Patient. In: Expert Guide to Critical Care, ed. S. Raoof, American College of Physicians, in press.
41. Reid, M, **Albert, RK**. The Respiratory Diseases of Addiction. In: Addictions in Medicine: Principles and Practice, ed: M.S. Miller, W.C. Wadland, Wiley, in press.

Books:

1. Spiro, S, **Albert, RK**, Fielding, D (eds). Self-Assessment Color Review of Respiratory Medicine, Lippincott-Raven, Philadelphia, PA, 1997. Spanish edition, 2001
2. **Albert, RK**, Spiro, S, Jett, J. Comprehensive Respiratory Medicine. Mosby, London and Philadelphia, 1999, Reprinted, 2001, Spanish edition, 2002.
3. **Albert, RK**, Spiro, S, Jett, J. Clinical Respiratory Medicine, Second Edition, Elsevier Science, Philadelphia, 2004.
4. Spiro, S, **Albert, RK**, Fielding, D, Bhowmik A (eds). Color Review of Respiratory Medicine (Second edition), Thieme (New York) and Manson Publishing (London), 2004
5. **Albert, RK**, Spiro, S, Jett, J. Comprehensive Respiratory Medicine. Mosby, London and Philadelphia, 1999, Reprinted, 2001, Greek edition, 2004.

6. **Albert, RK**, Slutsky, AS, Torres, A, Tukkala, J, Ranieri, M. Clinical Critical Care Medicine. Elsevier Science, Philadelphia, 2006.

Funded Research

Awards (Current):

1. NHLBI 1 U10 HL074409-01 COPD Clinical Trials Network. Novel Strategies Targeting Acute Exacerbations of COPD. (P.I. RK Albert, \$4,587,365), 7/1/03 - 6/30/08.
2. NIH/AHRQ RFA-HS-05-012 (Daugherty PI). Improving Patient Safety Through Provider Communication Strategy Enhancements \$599,081 (Albert 5%), 6/1/05-5/31/07.

Awards (Pending):

1. NHLBI-HR-06-07: Long-term Oxygen Treatment Trial (LOTT). Regional Clinical Centers (RCC), P.I. R.K. Albert, \$1,619,522, 9/30/06-9/30/11.

Awards (Past):

1. NHLBI HL21463 Program Project Grant: "Pulmonary Edema in ARDS - Basic Mechanisms and Treatment" (P.I.: J. Butler, \$3,443,808). Investigator, Project 2: "Sites of Leakage in Pulmonary Edema", \$268,742, 7/79 - 6/84.
2. Veterans Administration Merit Review: "Extra-alveolar Interstitial Compliance" (P.I.: R.K. Albert), \$90,000, 7/81-3/85.
3. NHLBI HL 24163 Program Project Grant: "The Lung Circulations and Fluid Exchange" (P.I.: J. Butler, \$3,012,929)
Principal Investigator Project 3: "Lipoxygenase Products of Arachidonic Acid and Pulmonary Vascular Fluid Filtration", \$170,711, 7/84-6/87.
Principal Investigator Core B: Arachidonic Acid Metabolite Core, \$321,539, 7/84-6/89.
4. Veterans Administration Merit Review: "Extra-alveolar Leakage in Pulmonary Edema" (P.I.: R.K. Albert), \$125,564, 4/85-4/88.
5. NHLBI HL24163 Program Project Grant: "The Lung Circulations and Fluid Exchange" (P.I.: J. Butler, \$272,986)
Principal Investigator Project 3: "Lipoxygenase Products of Arachidonic Acid and Pulmonary Vascular Fluid Filtration", \$189,340, 4/87-6/89
6. NHLBI HL24163 Program Project Grant, "Mechanisms of Heterogeneity in the Lung" (P.I.: M. Hlastala, \$5,077,820),
Principal Investigator Project 2: "Effects of the Prone Position on Regional VA and Q", \$378,260, 7/89-6/92.
7. Veterans Administration Merit Review: "Extra-alveolar Vessels in Pulmonary Edema". P.I.: R.K. Albert, \$421,900, 4/88-3/92
8. NHLBI HL24163 Program Project Grant, "Mechanisms of Heterogeneity in the Lung", Supplement (P.I.: M. Hlastala, \$722,575)
Principal Investigator Project 2: "Effects of the Prone Position on Regional VA and Q", \$436,960, 7/92-6/93.
9. NHLBI HL24163 Program Project Grant, "Mechanisms of Heterogeneity in the Lung" (P.I.: M. Hlastala, \$5,077,820),

- Principal Investigator Project 4: "Corner Vessel Anatomy and Function", \$769,463, 7/89-6/94
10. NHLBI 92-HL-02L SCOR in Acute Lung Injury: "Mechanisms of Inflammation that Incite and Sustain Acute Lung Injury" (P.I. L.D. Hudson, \$10,076,264)
Co-Investigator Project 7: "Mechanisms and Consequences of Phagocyte Adhesion in Acute Lung Injury", \$721,896, 12/93-4/96.
 11. AI-92-07: "Immunoregulation of the Cells and Mediators of Asthma" (P.I.: W.R. Henderson, \$4,071,701)
Principal Investigator Core B: Physiology/Morphology Core, \$478,765, 7/93 - 6/98 (relinquished 7/97)
 12. NHLBI Vascular Disease Academic Award (P.I.: B.H. Culver, \$890,022)
Co-Investigator, 7/93-6/98 (relinquished 7/97)
 13. NHLBI-HR-97-02 "Clinical Centers for Lung Volume Reduction Surgery for Emphysema: A Multi-Center Assessment and Prospective Patient Registry", (P.I.: R.K. Albert, \$850,326), 12/96-12/03 (relinquished 7/97).
 14. NHLBI 1RO-1 HL50990 "Heterogeneity of Interstitial Pressures", (P.I.: R.K. Albert, \$816,659), 4/95-3/00.