

IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF NEBRASKA

PLANNED PARENTHOOD OF THE)	4:10-cv-3122
HEARTLAND,)	
)	
Plaintiff,)	
)	AFFIDAVIT OF JANE M. ORIENT, M.D.
vs.)	
)	
DAVE HEINEMAN, Governor of Nebraska,)	
in his official capacity;)	
)	
JON BRUNING, Attorney General of)	
Nebraska; in his official capacity;)	
)	
KERRY WINTERER, Chief Executive)	
Officer, and DR. JOANN SCHAEFER,)	
Director of the Division of Public Health,)	
Nebraska Department of Health and Services,)	
in their official capacities; and)	
)	
CRYSTAL HIGGINS, President, Nebraska)	
Board of Nursing, and BRENDA)	
BERGMAN-EVANS, President, Nebraska)	
Board of Advanced Practice Registered)	
Nurses, in their official capacities;)	
)	
Defendants.)	
)	

I, Jane M. Orient, M.D., working at 1601 N. Tucson Blvd. Suite 9, Tucson, AZ 85716-3450, being over 18 years of age and fully competent to testify, do hereby swear and affirm based on my personal knowledge that:

1. I received my M.D. degree from Columbia University College of Physicians and Surgeons, New York, New York, in 1974. Prior to that I graduated Phi Beta Kappa with a B.A. in chemistry with honors and a B.S. in mathematics, summa cum laude, University of Arizona, Tucson, 1967. A true and accurate copy of my curriculum vitae is attached hereto and incorporated herein.
2. I did my internal medicine residency at Parkland Memorial Hospital, Dallas Veterans Administration Hospital (Texas Southwestern) and University of Arizona Affiliated Hospitals, Tucson.
3. I have been Board certified, American Board of Internal Medicine, since 1977.

4. I was full-time faculty at the University of Arizona College of Medicine, in the Ambulatory Care Section at the Tucson Veterans Administration Medical Center, between the time I completed residency and opened my private practice. I have been a clinical lecturer in medicine, University of Arizona College of Medicine, since 1981.

5. I am the executive director of the Association of American Physicians and Surgeons, and a member of the Arizona Medical Association, Pima County Medical Society, American Association of Orthopaedic Medicine, and American College of Legal Medicine.

6. I have both published articles in medical peer-reviewed journals and performed peer review on articles that were published in such journals.

7. I am currently managing editor of the *Journal of American Physicians and Surgeons*, an open access journal and a member of the Directory of Open Access Journals.

8. I am the author of a comprehensive medical textbook entitled *Sapira's Art and Science of Bedside Diagnosis* edition 2, by Jane M. Orient, M.D., Lippincott, Williams & Wilkins, Philadelphia, 2000; edition 3, 2005; edition 4, 2010.

9. I am a physician licensed in good standing in Arizona, where I practice medicine.

10. I had no involvement with the drafting or passage of Legislative Bill 594 (the "Act"). I neither supported nor opposed passage of the Act.

11. I have reviewed the Act and the memorandum submitted by Planned Parenthood of the Heartland in its lawsuit challenging the Act.

12. The Act codifies a straightforward standard for informed consent by clarifying that a practitioner must provide the patient with full information about adverse consequences from an operation. This is a basic part of medical practice in all specialties so that consent by the patient, if given, is fully informed.

13. Physicians already have a professional duty to disclose possible adverse consequences to the patient before he or she gives consent to the operation. This professional duty exists with or without the Act.

14. The Act states correctly the commonly accepted statistical threshold of 5% probability ($P < .05$) for distinguishing between adverse effects likely caused by the operation or treatment, and those that occur merely by chance without any likely causation.

15. Physicians already have a professional duty to remain apprised of developments reported in the medical literature, and to inform patients of those developments, including the risks of adverse effects from operations and treatments.

16. The Act does not impose any greater requirements for informed consent in connection with abortion than what is widely accepted for other medical operations and treatments, and what drug manufacturers provide in connection with their products. Even individual physicians who perform only a few procedures must meet the standard for informed consent, without the resources of an organization that provides millions of the same procedure.

17. Failure by a physician to communicate to the patient the risk of an adverse effect from an operation or treatment, as reported in the medical literature, would be a violation of the physician's professional duty to provide informed consent regardless of whether the Act was passed or not.

18. Numerous means are available to physicians to remain apprised of developments reported in the medical literature, including free internet searches, Continuing Medical Education (CME) courses already required by most state licensing boards, presentations made at local hospitals and medical society events, communications with colleagues, and subscriptions to publications that aggregate and report on the latest developments. Often reports of adverse effects are also carried widely by the general media.

19. I have read the assertion by Planned Parenthood of the Heartland at page 12 of its brief that the "Act's requirements vastly depart from accepted medical practice and would be impossible for any provider to satisfy." Br. at 12 (citing four declarations).

20. I cannot find any departure in the Act from pre-existing duties of physicians to provide informed consent to patients with respect to operations or procedures. Rather, the Act simply clarifies what those duties are and have been. Indeed, its standard is more lenient than that which might apply in malpractice litigation. Simple case reports of a rare complication do not trigger any obligation under the Act; the study must have involved a sufficient number of occurrences to permit a statistical analysis demonstrating an association greater than by chance.

21. Drug manufacturers, for example, already provide complete disclosure of all possible adverse consequences, even very minor ones, resulting from use of their products, so that physicians and patients can be informed when they decide whether to use their products. Some of these effects are rare, not demonstrated to be statistically significant, and may even lack a plausible mechanism of causation. Physicians have a similar duty of disclosure so that consent by the patient may be informed.

22. If the patient is unaware of a risk of an adverse consequence from an operation or treatment, then the patient's consent is not meaningful or informed.

23. The Act does not define "risk factor" and "complications" any differently from standard medical practice. Moreover, to the extent something was not considered to be a complication "in conventional medical usage," then presumably it would not be reported as such in a peer-reviewed medical journal.

24. The claim by Planned Parenthood that it “would not be able to comply with the Act because it is impossible to craft a comprehensive search that efficiently retrieves responsive articles” (Br. at 16) ignores how information is already efficiently and thoroughly provided to physicians by the media, the internet, mandatory continuing education, hospital and medical society presentations, and various other means. The physician has and should have the responsibility of keeping apprised of developments that affect his patients.

25. A physician who does not remain informed about discoveries reported in peer-reviewed medical journals, as codified in the Act, is not going to be able to provide the patient with sufficient information such that his or her decision is fully informed.

26. I have read the statement by Planned Parenthood asserting that it “and its providers will have to guess how to comply with the Act and will never know for certain whether they have properly evaluated their patients or made the required disclosures.” (Br. at 24).

27. The Act is clear and concise, and I see no ambiguity or confusion in it. I would expect physicians to comply with its requirements even if it were not codified in a statute.

28. The Act imposes no greater burdens on physicians than what is widely accepted as the professional duty of all physicians to provide full information to patients before obtaining consent for particular operations or procedures.

29. All physicians are expected to be knowledgeable of developments in their field, just as all citizens are expected to be aware of their legal obligations under a myriad of local, state, and federal laws. Medical journals are typically more accessible than many legal requirements are, and physicians have convenient services and support that keep them apprised of developments in the journals. By no means must each physician perform redundant searches in medical journals as describe by Planned Parenthood’s brief (Br. 12-19); physicians can and do communicate with each other about current medical knowledge, and benefit from seminars, courses, textbooks, newsletters, emails, websites, and magazines supplying them with full information.

30. I personally review a great deal of medical literature, and readily became aware of different adverse affects of abortion that all patients should realize before giving informed consent.

31. For example, in Chapter 3 of my medical textbook cited in Paragraph 8 above (written long before the Act was passed), I explained the following for physicians with respect to abortion:

- “Ask about the gestational age in any abortions, the patient’s age at the time, and which pregnancy was involved, as these may be relevant to the risk of breast cancer (see Chapter 15).”

- “Induced abortion, particularly multiple terminations, is associated with an increased risk of later premature births and is an indication for intensified prenatal care (Rooney and Calhoun, 2003).”
- “The subject of abortions should obviously be approached in a sensitive, nonjudgmental manner. For almost all women, it is a painful experience and, for many, life altering.”
- “The APA removed abortion from the list of psychosocial stressors that are acknowledged to be possible causes of a PTSD (*vide supra*), on publication of the DSM-IV (Burke and Reardon, 2002). Nevertheless, there are support groups for women who report postabortion emotional symptoms compatible with PTSD, some long delayed.”
- “While some say that postabortion stress syndrome does not exist, there are nearly 2 million postings to message boards of the website www.afterabortion.com, which take no political or religious stand on abortion.”
- “Adverse reactions, important for obtaining informed consent for abortions as well as for treating postabortive patients, include depression, grief and loss reactions, suicide, eating disorders, substance abuse, increased rates of smoking, relationship problems, and child abuse (Burke and Reardon, 2002; Strahan, 2001).”
- “British authors of a major review concluded that ‘marked, severe or persistent’ psychological or psychiatric disturbances occur in approximately 10% of women who have abortions (Zolese and Blacker, 1992).”
- “A Finnish study discovered a suicide rate among women who aborted nearly six times as great as among women who delivered their babies (Gissler et al., 1996, 2005).”

32. I also wrote in Chapter 22 of my medical textbook:

“Legal as well as illegal induced abortions may result in perforation of the uterus, with infection (*vide supra*), hemorrhage, and shock. A missed or incomplete abortion, whether natural or induced, may be the cause of persistent bleeding and infection.”

33. I have reviewed the claim by Planned Parenthood that the position of a national professional organization in denying harm from abortion should be able to trump an obligation to disclose numerous studies from peer-reviewed journals showing harm. (Br. at 26).

34. As my textbook (Chapter 3) explained long before the Act passed, the politicization of the issue of abortion obviously distorts the public position of some:

“Political considerations have impeded research and reporting about the complications of legal abortions. The highly significant discrepancies in complications reported in European and Oceanic Journals compared with North American journals could signal underreporting bias in North America (Ring-Cassidy and Gentles, 2002).”

35. By basing informed consent on the result of studies rather than the opinions of politicians and a few politicized groups, the Act clarifies that the professional duty of informed consent cannot be diluted or distorted by political considerations.

36. As I wrote in Chapter 15 of my textbook:

“Currently, many influential groups deny any possible connection between induced abortions and breast cancer. For some women, however, the existing evidence could influence their decisions, and some courts have ruled that the potential risk should be included in obtaining informed consent. Additionally, physicians at some point could be held liable if they are not sufficiently vigilant in monitoring patients who may be at risk or in advising patients of the risk. Aside from an independent effect of abortion on breast cancer risk, abortion in a nulliparous woman certainly increases the duration of the “susceptibility window”—the length of time between puberty and the first full-term pregnancy— during which the breasts are especially vulnerable to carcinogens.”

37. Before I became aware of the Act, I criticized how the American Congress of Obstetricians and Gynecologists (ACOG) changed its medical statement about partial-birth abortion, reportedly at the politically motivated request of Elena Kagan, who was then working in the White House for President Bill Clinton.

38. The Act properly safeguards the professional duty of informed consent against politically motivated distortions of medicine, by ensuring that informed consent will be based on the results of peer-reviewed medical studies rather than political positions emanating from the White House or politicized groups.

39. I can find nothing in the Act that requires a physician to disclose any false or misleading information.

40. Drug manufacturers already disclose all reported adverse consequences from their course of treatment, including those that are rare or are shown in some but not all studies, and I am unaware of any complaints that those greater disclosures mislead anyone or “flood” patients so that they “no longer process the information in any meaningful way, thus damaging their ability to make informed medical decisions.” (Br. at 6-7).

41. As a math major in college and a frequent reviewer of statistical work in connection with peer-reviewed articles, I reject Planned Parenthood’s criticism of the reference in the Act to the probability threshold of 5% ($P < 0.05$). (Br. at 32). The Act

does not imply that the p-value is anything more than a measure of the likelihood that a study's results were the result of coincidence alone.

42. The Act simply codifies the virtually unanimously accepted statistical threshold for rejecting results as a manifestation of random variation.

43. Virtually all medical journals have procedures for challenging any results that are published with inadequate methodologies that might undermine a particular result; indeed, professionals have an obligation to object for the benefit of others if there are any problems with a study, rather than simply ignore the results. Medical journals clarify and retract, with great publicity, any results published in error. The possibility that an isolated article may be in error is not a valid basis for rejecting a requirement that informed consent be based on peer-reviewed studies.

44. The Act would benefit patients by informing them of their risks of complications and long-term adverse affects. A better informed patient can take better care of his or her health.

45. The Act would benefit other physicians who later care for patients who have abortions, so that patients can better inform them of their medical history and predisposition to certain conditions by virtue of the abortions. Moreover, patients are likely to seek care earlier from other physicians for these conditions, making it easier for other physicians to treat.

46. The Act would benefit emergency room and other physicians who receive emergency calls from patients after they have an abortion. With the better information and screening provided by the Act, emergencies resulting from abortion will be less likely to occur.

47. In sum, the Act merely codifies and clarifies the pre-existing professional obligation of physicians to obtain informed consent by patients prior to performing a procedure.

I am fully competent to testify at trial to the foregoing matters. I declare under penalty of perjury that the foregoing is true and correct.

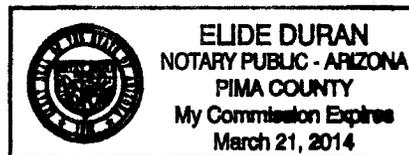


Jane M. Orient, M.D.

SUBSCRIBED AND SWORN to before me this 8 day of July, 2010.



Notary Public



CURRICULUM VITAE, Jane M. Orient, M.D., revised January, 2008

Personal Information

Date of Birth: November 2, 1946
Place of Birth: Tucson, Arizona

Education and Licensure

College University of Arizona, Tucson, Sept. 1964-May 1967
B.A. in chemistry, highest distinction and honors
B.S. in mathematics with highest distinction

Postgraduate: Columbia University, College of Physicians & Surgeons, M.D., May 1974

Residency: Straight internal medicine
University of Texas Health Sciences Center at Dallas, July 1974 - June 1976
University of Arizona Affiliated Hospitals, July 1976-June 1977

Honoraries: Phi Beta Kappa, Phi Kappa Phi, Alpha Omega Alpha

Board
Certification: American Board of Internal Medicine, June 1977

Licensure: State of Arizona 08946

Professional Background

1967-1969 High school teacher, Spencer, South Dakota
Courses taught: physics, chemistry, biology, mathematics

1969-1970 Research technician, Department of Biochemistry,
University of Arizona College of Medicine

1977-1980 Staff physician, Ambulatory Care Section,
Tucson Veterans Administration Medical Center

Instructor, Section of General Internal Medicine,
University of Arizona College of Medicine

1980-1981 Ass't Professor, Section of General Internal Medicine, Univ. of Arizona College of Medicine

1981-present Solo private practice of internal medicine
Clinical Lecturer in Internal Medicine, University of Arizona College of Medicine

1989-present Executive Director, Association of American Physicians and Surgeons

1990-present Director of Continuing Medical Education, Carondelet St. Joseph's Hospital, Tucson

1992-1993 Chairman, Department of Internal Medicine, Carondelet St. Joseph's Hospital, Tucson

1993-present Professor of Clinical Medicine, Oregon Institute of Science and Medicine

Honors and Awards

- 1967 Merck Index Award for achievement in undergraduate chemistry
- 1967 University of Arizona Senior Scholastic Award
- 1967 Senior Honors Thesis chosen as best thesis in science, 1967
(Stability Constants for the Pyridine, Quinoline, and Isoquinoline Adducts of
Bis-(O,O'-Diethylthiophosphato Nickel (II))
- 1981 Dwight J. Ingle Memorial Writing Award
- 1982 Fellowship, American College of Physicians
- 1994 Volunteer Physician of the Year, Pima County Medical Society
- 1995 Carondelet Physician of the Year Award
- 1995 Petr Beckmann Award, Doctors for Disaster Preparedness
- 1995 Freedoms Foundation Framed George Washington Honor Medal
- 1997 Pima County Medical Society Physician of the Year

Professional Societies

Pima County Medical Society (Board of Directors, 1985, 1993; Secretary-Treasurer, 1997, Vice President, 1998; President-Elect, 1999; President, 2000; Board of Directors, 2008)
Arizona Medical Association (Southern District Director 1988; 2003-2007)
Association of American Physicians and Surgeons (President, 1986-87; Executive Director, 1989-present)
Doctors for Disaster Preparedness (Vice President, 1985-1987, President, 1988, 1998-present)
American Association for the Advancement of Science
American Council on Science & Health (Board of Scientific Advisors, 1985-1999)
American College of Legal Medicine
American Association of Orthopaedic Medicine

Service Activities

A. Committees

Health and Public Policy Committee, American College of Physicians (Arizona), 1983
Medical Management Committee, Tucson Medical Center, 1984
Medical Services Committee, Carondelet St. Joseph's Hospital, Tucson, 1985, 1988-91
Quality Assurance Committee, St. Joseph's Hospital, 1985, 1988-89
Safety Committee, St. Joseph's Hospital, 1986 - 1991
Medical Services Committee, Arizona Medical Assoc., 1987-1993 (Chairman 1987-88)
Public Health Committee, Pima County Medical Society (Chairman since 1988)
Laboratory Services, Infection Control, and Blood Utilization Committee, Carondelet St. Joseph's Hospital
(Chairman 1988-91)
Continuing Medical Education Committee, St. Joseph's Hospital (Chairman, 1990-present)
Medical Executive Committee, St. Joseph's Hospital, 1988-1999
Editorial Board, *Arizona Medicine*, now *AzMed*, 1993-present
Board of Trustees, Foundation for Economic Education, Irvington-on-Hudson, NY, 1995-2004.
Ad-hoc Public Health Committee, Arizona Medical Association (c 1995-present)
Bioethics Committee, Arizona Medical Association (2005-present)

B. College of Medicine

Interview applicants for medical school admission
Participated in matching program of students and community physicians

C. Editorial Reviews

I have served as a reviewer of manuscripts submitted to *Chest*, *Annals of Internal Medicine*, *Journal of the American Medical Association*, the *Journal of Civil Defense*, *Archives of Internal Medicine*, the *Journal of General Internal Medicine*, *Pediatrics*, *Southern Medical Journal*, the *New England Journal of Medicine*, and *The Journal of American Physicians and Surgeons*.

I was a member of the Editorial Board of *AZ Med* and have served as supervising editor about once a year between 2004 and 2009.

D. Community Service

Board of Christian Education, Faith Lutheran Parish School 1980-1987.

National Disaster Medical System c. 1988-1992

Volunteer physician, St. Elizabeth of Hungary Clinic c. 2000-2006

Hospital Appointments

Carondelet St. Joseph's Hospital, Tucson

Publications

A. Books and Chapters of Books

The Art and Science of Bedside Diagnosis by Joseph D. Sapira, MD, edited by Jane M. Orient, MD, Urban and Schwarzenberg, Baltimore, 1990. (I edited the entire manuscript and authored Chapters 15 and 22 and substantial portions of other chapters.)

Sapira's Art and Science of Bedside Diagnosis ed. 2, by Jane M. Orient, MD, Lippincott, Williams & Wilkins, Philadelphia, 2000; ed. 3, 2005; ed. 4, 2010.

Rational Readings on Environmental Concerns, edited by Jay H. Lehr, Van Nostrand Reinhold, New York, 1992. (I authored three articles.)

The One-Minute Diplomat: a Briefing on International Affairs by Frances Shands, Ginn Press, Needham, MA, 1990. (I authored two chapters.)

Collectivism in Medicine: an Exception or a Hook? in *Politicized Medicine*, Foundation for Economic Education, 1993.

Your Doctor Is Not In: Healthy Skepticism on National Health Insurance by Jane M. Orient, New York, Crown Publishers, 1994.

Practice Guidelines and Outcomes Research in *Health Care Guide*, edited by Jeffrey D. Mamorsky, Warren, Gorham & Lamont, 1995.

Sutton's Law by Jane M. Orient and Linda J. Wright (a novel), Macon, GA, Hacienda Publishing, 1997.

Orient JM. Vocabulary Lessons and 49 Essay and SAT-style Literature Examinations, the *Robinson Self-Teaching Home-School Curriculum*, v. 2, 1997.

Neomorts by Jane M. Orient and Linda J. Wright (a novel), Waldport, OR, Peduncle Press, 2000 (e-book).

Moonshine by Jane M. Orient and Linda J. Wright (a novel), Waldport, OR, Peduncle Press, 2000 (e-book).

Chapter 12.7, Microorganisms, molecules, and environmental risk assessment: assumptions and outcomes. In: *Standard Handbook of Environmental Science, Health, and Technology*, ed. by Jay H. Lehr and Janet K. Lehr, New York, McGraw-Hill, 2000.

Professor Klugimkopf's Old-Fashioned English Grammar by Jane Orient, Cave Junction, OR, Robinson Books, 2002.

Professor Klugimkopf's Spelling Method by Jane Orient, Cave Junction, OR, Robinson Books, 2002.

B. Articles in Refereed Journals

Orient, JM. The Grand Inquisitor and the role of the state in medical economics. *Perspect Biol Med* 25:20-38, 1981.

Orient JM, Lindsey D, Whitney PJ. Educating primary physicians in emergency surgical procedures. *South Med J* 75:852-854, 1982.

Orient JM. Equity in medical care: are the deserving poor eligible? *Perspect Biol Med* 26:411-416, 1983.

Orient JM. When do patients with chronic obstructive lung disease need hospital admission? Reflections on a VA experience. *South Med J* 76:593-598, 602, 1983.

Orient JM, Kettel LJ, Sox HC Jr., Sox CH, Berggren HJ, Woods AH, Brown BW, Lebowitz M. The effects of algorithms on the cost and quality of patient care. *Medical Care* 21:157-167, 1983.

Orient JM. A critique of the statistical methodology in *Radiation and Human Health* by John W. Gofman. *Health Physics* 45:823-827, 1983.

Orient JM. The medical metaphor for nuclear war: a critique. *Perspect Biol Med* 27:289-298, 1984.

Orient JM. A critique of western medical commentary on the People's Republic of China. *Arch Intern Med* 144:106-109, 1984.

Roten CD, Orient JM. Comments on "Chaos: a Model for the Arms Race." *Nature* 312 (Nov 8):107, 1984.

Orient JM. Defense against nuclear weapons: a decision analysis. *South Med J* 78:178-188, 1985.

Orient JM, Kettel LJ, Lim J. A test of a linear discriminant rule for identifying low risk abdominal pain. *Med Decision-Making* 5:77-87, 1985.

Orient JM. Apocalypse now: credibility and implications. *Perspect Biol Med* 28:218-222, 1985.

Orient JM. Disaster preparedness: an international perspective. *Ann Intern Med* 103:937-940, 1985.

Orient JM. Pain relief—for cancer victims only? *South Med J* 78:1114-1115, 1985.

Orient JM. New Medicare criteria for hospital admission. *South Med J* 79:60-62, 1986.

Orient JM. Civil defense in the United States: evolution and regression. *South Med J* 79:135-140, 1986.

Orient JM. Evaluating abdominal pain: clinicians' performance compared with three protocols. *South Med J* 79:793-799, 1986

Orient JM. The Arizona Health Care Cost Containment System: a prepayment model for a national health service? *West J Med* 145:114-119, 1986.

Orient JM. International Physicians for the Prevention of Nuclear War: messiahs of the nuclear age? *Lancet* 2:1185-1186, 1988.

Orient JM. Chemical and biological warfare: should defenses be researched and deployed? *JAMA* 262:644-648, 1989.

Lucas KA, Orient JM, Robinson AB, Maccabee H, Looney G, Morris P, and Klinghoffer M. The efficacy of bomb

shelters: with lessons from the Hamburg firestorm. *South Med J* 83:812-820, 1990.

Orient JM. Assessing the risk of occupational acquisition of the human immunodeficiency virus: implications for hospital policy. *South Med J* 83:1121-1127, 1990.

Orient JM. Is there a duty to accept Medicare payment? *Arch Intern Med* 153:2505, 1993.

Orient JM. Medical pollbearers and statistical malpractice. *J Medical Assoc Ga* 82:409-412, 1993.

Orient JM. Practice guidelines and outcomes research, part I: insights from the Clinton Health Care Task Force. *Medical Sentinel* 1: 9-10, 1996.

Orient JM. Practice guidelines and outcomes research, part II: scientific pitfalls. *Medical Sentinel* 1:10-13, 1996.

Orient JM. Molecules, microorganisms, and the environmental risk inverter: assumptions and outcomes. *Medical Sentinel* 1:31-33, 1996.

Kearny CH, Orient JM. Thyroid protection [comment]. *Science* 274:1596-1597, 1996.

Orient JM. Practice guidelines and outcomes research, part III: scientific results, *Medical Sentinel* 2:10-23, 1997.

Orient JM. Can health care fraud be ended? *Medical Sentinel* 1998 3(4): 124-130.

Summers WK, Driscoll J, Orient JM: The pharmaceutical industry: to whom is it accountable? (letter) *N Engl J Med* 343:14156, 2000.

Neubauer RA, Orient J, Hall-Dickenson M: Hyperbaric oxygenation in the acute stroke. *Hyperbaric Medicine Today* I(III, August/September):10-12, 2000.

Orient JM. Public health risks of not vaccinating children [comment]. *JAMA* 2285:1573, 2001.

Orient JM. Vaccines and epidemics. *Medical Sentinel* 6(3):82,94, 2001.

Orient JM. Bioterrorism and public health law [comment]. *JAMA* 288:2686, 2002.

Arnett JC Jr., Orient JM. Physician workforce and trainee planning [comment]. *Chest* 121:1376-1377, 2002.

Orient JM. Salvage therapy for a neurologically devastated child: whose decision is it? *J Am Phys Surg* 2003;8:117-120.

Orient JM. Reflections on shaken baby syndrome: a case study. *J Am Phys Surg* 10:45-50, 2005.

Orient JM. Treating *Herpes zoster* with vitamin C. *J Am Phys Surg* 11:26-27, 2006.

Schlafly A, Orient JM. White paper on medical financing. *J Am Phys Surg* 11:86-91, 2006.

Orient JM. Health information technology: the end of medicine as we know it? *J Am Phys Surg* 12:22-24, 2007.

Orient JM. Has the time for nonparticipation come? *J Am Phys Surg* 12:48-55, 2007.

C. Other Articles and Essays (partial list)

King GW, Orient JM. Family practice reports: my medical student, and my family doctor. *Ariz Med* 28:831-833, 1971.

Orient JM. The recognition and management of Zollinger-Ellison syndrome. *Ariz Med* 35:411-413, 1978.

- Orient JM. Socialism: from doctor's dream to doctor's dilemma. *Ariz Med* 38:278-289, 1981.
- Orient JM. Collectivism in medicine: an exception or a hook? *Freeman* 32:335-343, 1982.
- Orient JM. Nuclear weapons: surrender or defense? *J Am Med Womens Assoc* 37:260-262, 1982.
- Orient JM. Criminal liberty and Civil liability: can free enterprise survive? *Freeman* 33:259-265, 1983.
- Orient JM. The best way to be sure patients don't expect miracles. *Med Economics* Dec 6:169-175, 1982.
- Orient JM. Social vulnerability or responsible preparedness? Physicians and nuclear war. *Ariz Med* 40:631-632, 1983.
- Orient JM. Close the door on government controls. *Private Practice* 16:28-31, 1984.
- Orient JM. Comparable worth versus civil liberties: are feminists pro-choice? *Freeman* 35:332-340, 1985.
- Orient JM. Challenges to private practice: the Deficit Reduction and the Civil Rights Acts of 1984. *Ariz Med* 42:240-241, 1985.
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- Orient JM. Who will control medicine? Implications of Medicare changes. *Freeman* 36:108-113.
- Orient JM. The strategic weapons balance: does asymmetry matter? *Postgrad Med* 79:204-208, 1986.
- Orient JM. NDMS: the ethical issues. *Medical Ethics* 1(4):7,10, 1986.
- Orient JM. The Good Samaritan: original and updated versions. *J Biblical Ethics Med* 1(2):32-33, 1986.
- Orient JM. One complaint per customer, please: what DRGs mean to you. *Freeman*, 37(8):284-285, 1987 (excerpted in the *Wall Street Journal*).
- Orient JM. Should doctors be forced to participate in Medicare? *Inland Business* 5(8):43-45, 1987.
- Orient JM. Why I believe a physician does not have the right to perform euthanasia. *Medical Times* 116(2):56-58, 1988.
- Orient JM. What is a doctor's relative worth? *Freeman* 39:355-358, 1989.
- Orient JM. The Resource-Based Relative Value Scale: a threat to private medicine, *Ariz Med* 46(Sep):4-9 (previously published in pamphlet form by the Association of American Physicians and Surgeons).
- Ehrlich R, Orient JM. The case for civil defense in nuclear war education. *Physics and Society* 19(2):3-5, 1990 (from presentation at the Third Annual George Mason University Nuclear War and Peace Education Conference, July, 1989).
- Orient JM. Using your word processor for a keyword articles file. *Physicians and Computers*, February, 1990, p.32.
- Orient JM. Assessing public health risks. *Sombrero* 23:3-4, 1990.
- Orient JM. Homeland defense in the age of SCUDS. *J Inst Civil Defense Disaster Studies* 3(Jul-Sep):13, 1991.
- Orient JM. Medical care costs too much. *Cortlandt Forum*, May, 1992.

Orient JM. How to solve the problem of health care fraud, *Physician Focus on the Family* 4(5):19, Sep/Oct, 1992.

Orient JM. How Congress plans to “improve” your laboratory testing. *Human Events*, Dec 5, 1992.

Orient JM. Should manufacturers be allowed to distribute drugs without proof of efficacy? *ACSH Priorities*, Winter, 1993, pp. 11-14.

Orient JM. A freeway to the future of medicine. *GAFP Journal* (Georgia Academy of Family Practice) 15(1), winter, 1993.

Orient JM. Private doctors must not surrender their profession. *Miami Medicine*, October 1993, pp. 19-20.

Orient JM. Clinton health plan coerces cooperation. *Human Events*, Dec 25 1993, p. 10.

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Orient JM. What is the truth about the Health Care Task Force? *J Med Assoc Ga* 83:390, 1994.

Orient JM. White House releases Task Force documents. *J Med Assoc Ga* 83:711-712, 1994.

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Orient JM. Do we really need a Surgeon General? *Physician* Sept/Oct 1995, p. 24.

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Orient JM. When patients ask about breast cancer and abortion: a perspective on the magnitude of risk. *Sombrero* 1998;31(June):11-13.

Orient JM. Letter from America. *Eur Hosp Management J* 1998;5(2):13.

Orient JM. Universal access: it's like a freeway. *Sacramento Medicine* 1998;49(5):25.

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Orient JM. Is the doctor in? *Nevada J* 6(8):14,21, 1998.

- Orient JM. The hazards of scientific “consensus.” *Ariz Med* :9(6):8, 1998.
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- Orient JM. Public health, informed consent, and the rotavirus vaccine. *Ariz Med* 10(6):20-21, 1999.
- Orient JM. Should the Centers for Medicare and Medicaid Services scrap the CPT? *Skin and Allergy News*, December, 2001, p. 10.
- Orient JM. In defense of the medical profession. *Sombrero* 33(Feb):6-7, 2000.
- Orient JM. “Single Payer” vs. “market driven”: defining the terms, *Bulletin* (Utah Medical Association) 47(1):4, 2000.
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- Orient JM. Public-private partnerships: boon or bane? *Sombrero* 33(May):6,16, 2000.
- Orient JM. Reflections on the science of the art. *Sombrero* 33(June/July):6,27, 2000.
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- Orient JM. Can precautions kill? *Sombrero* 33(Oct):6-7, 2000.
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- Orient JM. The price of choice. *Sombrero* 33(Dec):6-7, 2000.
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- Orient JM. HIPAA Privacy Rules and you. *Roundup* 48(5):8-15, 2002.
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- Orient JM. Evolution: science and religion. *Sombrero* 36(5):21-22, 2003.
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- Orient JM. Where to start in tort reform: listen to the lawyers. *AZ Med* 15(1):12-13, 2004.
- Orient JM. Op-ed pieces distributed by UPI in 2004: “Medical care is too dangerous,” “Insurance isn’t health care,” and “Are your children crazy?” In 2005: “Doctors imprisoned; patients to be tortured,” “Why the furor over Terri Schiavo?”
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- Orient JM. Intended harm. *AZ Med* August 2005.

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D. Abstracts

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Orient J, Kettel L, Sox HC Jr., Sox C, Brown B Jr., Berggren H, Woods A. Can algorithms change ambulatory care costs or efficacy? In: *Primary Care Research in 1980* ed. by Lipkin M Jr. and White KL, Rockefeller Foundation, 1981.

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E. Book Reviews and Short Communications (partial list)

Orient JM. Medicine in China as reflected in *A Barefoot Doctor's Manual*. *Ariz Med* 39:185-189, 1982.

Orient JM. Readers respond to "Dirtball." *JAMA* 249:276-280, 1983.

Orient JM. Review of *Radiation and Human Health* by John W. Gofman. *J Nucl Med* 23:947, 1982.

Orient JM. Human sacrifice, or nuclear energy? *Arch Intern Med* 143:843-844, 1983.

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Orient JM. Food fads and facts: a review of *The One-Hundred-Percent Natural, Purely Organic, Cholesterol-Free, Megavitamin, Low-Carbohydrate Nutrition Hoax* by Elizabeth Whelan and Frederick J. Stare. *Reason* 15(Sept):52-53, 1983.

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Orient JM. A Review of *Energy Risk Assessment* by Herbert Inhaber. *JAMA* 251:1759, 1984.

Orient JM. A review of *Before It's Too Late: A Scientist's Case for Nuclear Energy* by Bernard L. Cohen. *Ann Intern Med* 100:326, 1984.

Orient JM. Healers or quacks? A Review of *Health and Healing* by Andrew Weil. *Reason* 16(2):84-87, 1984.

Orient JM. A review of *Weapons and Hope* by Freeman Dyson. *N Engl J Med* 311:682, 1984.

Orient JM. Comments on recombinant DNA and the Copernican world view. *Perspect Biol Med* 27:322-323, 1984.

Orient JM. A review of *The Evolution of Cooperation* by Robert Axelrod. *Freeman* 34 (Dec):757-759, 1984.

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Orient JM. Medical resources after nuclear war. *JAMA* 253:1389, 1985.

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Orient JM. A review of *The Apocalypstics: Cancer and the Big Lie* by Edith Efron. *JAMA* 253:1939, 1985.

Orient JM. A review of *Waging Nuclear Peace* by Robert Ehrlich and a review of *Nuclear Winter* by Mark Harwell. *JAMA* 254:682-683, 1985.

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Orient JM. A review of *America the Vulnerable: the Threat of Chemical and Biological Warfare* by Joseph D. Douglass, Jr., and Neil C. Livingstone. *JAMA* 259:105, 1988.

Orient JM. A review of *Klaus Fuchs: the Man Who Stole the Atom Bomb* by Norman Moss. *JAMA* 260:710, 1988.

Orient JM. Nuclear war in medical education: a new orthodoxy, *VOX UPAO* 1(2):65-68, 1988.

Orient JM. A review of *Indoor Radon and Its Hazards*, edited by David Bodansky, Maurice A. Robkin, and David R. Stadler. *JAMA* 262:702, 1989.

Orient JM. Unshrinking AIDS (letter). *American Spectator*, July, 1989.

Orient JM. National health insurance: an idea whose time has come and gone. *Private Practice*, May, 1990, p. 32.

Orient JM. Not all doctors back pulling tubes, *Medical World News*, Jan 22, 1990, p. 57.

Orient JM. A review of *Prescriptions: the Dissemination of Medical Authority* edited by GL Ormiston and R Sassower. *Ann Intern Med* 114:173-174, 1991.

Orient JM. A review of *Toscanini's Fumble and Other Tales of Clinical Neurology and Newton's Madness* by Harold Klawans. *JAMA* 265:915, 1991.

Orient JM. Frontier physician, a review of *As Long as Life* by Mary Canaga Rowland, edited by F.A. Loomis. *JAMA* 273:678, 1995.

Orient JM. Health reform history, a review of *Vandals at the Gate of Medicine* by Miguel Faria. *JAMA* 273:892-893, 1995.

Orient JM. The miracle of the right eye. *Washington Inquirer*, Jan 29, 1996, p. 4.

Orient JM. Office management: a review of *Saunders Manual of Medical Office Management* by Alice Anne Andress. *JAMA* 276:1528-1529, 1996.

Orient JM. Review of *Saving Lives, Saving Money* by Newt Gingrich. *JAMA* 291:251, 2004.

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Orient JM. Review of *I Am Charlotte Simmons* by Tom Wolfe. *J Am Phys Surg* 10:126-127, 2005.

Orient JM. Maximum casualties. *AZ Med*37(1):6-7. 2006 (and supervising editor for Spring 2006 on disaster

preparedness).

Orient JM. Review of *Underexposed: What If Radiation Is GOOD for You?* by Ed Hiserodt. *J Am Phys Surg* 11:32, 2006.

Orient JM. Review of *The Great Influenza: the Epic Story of the Greatest Plague in History* by John M. Barry. *J Am Phys Surg* 11:92-93, 2006.

Orient JM. Single payer means the destruction of American medicine. *Rocky Mountain News*, Sep 5, 2006.

Lectures (partial list)

Lessons from the Arizona Health Care Cost Containment System, at Bexar County Medical Society, San Antonio, under the auspices of Physicians Who Care, Mar 28, 1987.

Nuclear War Education at the University of Arizona College of Medicine, and a Critique of the American Physical Society Report on Directed Energy Weapons, Second Annual Nuclear War and Peace Education Conference, George Mason University, Oct 30, 1987.

Medical Preparedness, Ethics and Public Policy Center, April 23, 1988 (reprinted in *Vital Speeches of the Day*, January 1989).

Considering the Unthinkable: Nuclear weapons effects, consequences, and response, sponsored by Idaho Falls Medical Society, the Idaho Falls Medical Education Consortium, and the Idaho National Engineering Laboratory, Jun 3, 1988.

Foundations of Medical Ethics in a Free Society, Foundation for Economic Education, Jul 11, 1988.

Medical Grand Rounds, Preventing Casualties in a Nuclear Disaster, John Muir Hospital, Walnut Creek, CA, Sep 30, 1988.

Medical Grand Rounds, Infection Control Issues and the Human Immunodeficiency Virus, Carondelet St. Joseph's Hospital, Tucson, Jan 31, 1989.

The Facts on Sexually Transmitted Diseases, workshop for parents on communicating with teenagers about sex, sponsored by Pima County Medical Society, Sahuaro High School, Mar 29, 1989.

Editing the Oath of Hippocrates, Seventh Annual Meeting of IATROS, Mar 15, 1989.

Disaster Planning at Ground Zero, Presidential Lecture, Medical College of Georgia, Augusta, GA, Oct 26, 1989.

Contrasting Views on Civil Defense and A Case Study of Community Involvement, Current Trends in Emergency Management Seminar for State Emergency Management Executives, sponsored by Federal Emergency Management Agency, National Emergency Training Center, May 10-11, 1989, Aug 30-31, 1989, Mar 20, 1990, Jul 17, 1990, Sep 18, 1990, Dec 11, 1990, Mar 26, 1991, Jun 18, 1991, Aug 20, 1991.

Medicare and Private Medicine, Mt. Diablo Hospital, Walnut Creek, CA, Feb 6, 1991.

The Future of Medicine, Pascack Valley Hospital, New Jersey, Feb 28, 1991.

Chemical and Biological Warfare, Medical Grand Rounds, Carondelet St. Joseph's Hospital, May 28, 1991.

The Relative Value Scale, Medical Grand Rounds, Carondelet St. Joseph's Hospital, Jul 2, 1991.

Health and Safety Concerns at Nuclear Weapons Facilities, KYBG Radio and Rocky Flats staff, Golden, CO, Sep 5, 1991.

Medical Pollbearers and Statistical Malpractice, 48th annual meeting of the Association of American Physicians and Surgeons, Lexington, KY, Oct 18, 1991.

Health Care Reform: from a Physician's Perspective, American Farm Bureau Federation, Chicago, Jun 24, 1992.

Global Perspectives on Public Health Threats Due to Arthropod-Borne Diseases, Grand Rounds, Carondelet St. Joseph's Hospital, Sep 1, 1992.

Stewart v. Sullivan: Medicare Patients Sue over Right to Private Contract, American Academy of Neurological and Orthopaedic Surgery, Las Vegas, NV, Sep 12, 1992.

Stealth Viruses and Other Sexually Transmitted Diseases, Issues Forum at Green Fields Country Day School, Dec 2, 1992.

Managed Competition and Other Legal and Economic Issues, Grand Rounds, Carondelet St. Joseph's Hospital, Tucson, Feb 9, 1993.

Testified before the President's Task Force on Health Care Reform on behalf of the Association of American Physicians and Surgeons, Mar 29, 1993.

Health Care Reform: the End of Private Medicine? South Bay Independent Physicians Medical Group, Rancho Palos Verdes, CA, Jun 3, 1993.

What One Organization Can Do, Medical Action Committee for Education, Dallas-Fort Worth, Jun 18, 1993.

Health Care Reform: A Physician's View, American Legislative Exchange Council, Traverse City, MI, Aug 11, 1993.

Clinton Health Plan vs. a Free-Market Solution, Arizona Medical Group Management Association, Tucson, Sep 17, 1993.

High school debate seminars on 1993 topic of health care reform. Mackinac Center, Michigan, September 1993.

The Clinton Plan, Eagle Forum, St. Louis, MO, Sep 24, 1993.

A Private Physician's View of the Clinton Plan, Cato Institute, Washington, DC, Sep 27, 1993.

The Sanctity of Life in a National Health Plan, Arizona Right to Life, Tucson, Oct 28, 1993.

The Clinton Plan on *Arizona Illustrated*, KUAT TV, Dec 1, 1993.

Practice Guidelines: the Good, the Bad, and the Ugly, Texas Geriatrics Society, San Antonio, TX, Feb 5, 1994.

Health Care Reform: What's at Stake? Daughters of the American Revolution, Washington, DC, Apr 21, 1994.

Analysis of proposed health care reform in Missouri, presented to physicians, concerned citizens, legislators, press, and on radio station KMOX, St. Louis, Jefferson City, and Kansas City, MO, April 1994.

Health Care Reform, presented at Penner Coagulation Conference, Detroit, MI, May 22, 1994.

Health Care Reform: Vandals Within the Gates, Atlanta Medical Association, Atlanta, GA, October 1994.

Medicine in the New Economic System, Gynecologic Laser and Advanced Technology Society, Marco Island, FL, Feb 4, 1995.

Preserving Private Medicine, American Academy of Orthopedic Medicine, Wyndham Hotel, Palm Springs, CA, Feb 23, 1995.

The Perils of Politics in Education, Science, and Medicine, Foundation for Economic Education, Mar 4, 1995.

Health Care Reform, Institute for Republican Women, Vail, CO, Mar 17, 1995.

Pitfalls of Managed Care in State Health Care Reform, American Legislative Exchange Council, Washington DC, Mar 25, 1995.

How to Save \$270 Billion without Destroying Senior Citizens' Access to Excellent Medical Care, Congressional briefing, Oct 12, 1995.

Fighting Corporate Socialism, American Society of Anesthesiology, Atlanta, GA, Nov 25, 1995.

The Moral Case for Private Medicine, Catholic Physicians Guild, New York, Nov 4, 1995.

The Health Care Task Force and Fighting Managed Care, International College of Physicians, Cerromar Beach, Puerto Rico, Dec 3, 1995.

Financial Incentives and Medical Ethics, Grand Rounds, Carondelet St. Mary's Hospital, Mar 14, 1996.

The Prussianization of American Medicine: Is There an Alternative? Florida Physicians Association, Orlando, FL, Mar 16, 1996.

Managed Care Symposium, American Gastroenterology Association, San Francisco, CA, May 19, 1996.

The Nature of the Beast, keynote address at National Managed Health Care conference, Washington, DC, Apr 29, 1996.

Conference on Managed Care sponsored by Rhone Poulenc Rohr, Jun 7, 1996

Kassebaum-Kennedy and Its Implications for Medicine, Mesa Lutheran Medical Staff meeting, Sep 10, 1996; Desert Samaritan, Dec 11, 1996

Criminalization of American Medicine, Charleston County Medical Society, Charleston, SC, Jan 14, 1997

Proactive Positioning to Preserve Physician Autonomy in the HMO Avalanche, American Academy of Pain Management, Scottsdale, AZ, Feb 14, 1997

Medicine 10 Years from Now, Peoria County Medical Society, Feb 18, 1997.

Insurance Fraud: Is There a Way out of the Conundrum? Central Medical Society, Jackson, MS, Apr 1, 1997.

What 'Anti-Fraud' Laws Mean to You, American Academy of Procedural Coders, Orlando, FL, Apr 23, 1997.

The Unexamined Anatomy of Kassebaum-Kennedy, American Bar Association, Washington, DC, Apr 24, 1997.

Criminalization of Medicine, Physicians Resource Council, Austin, TX, April 25, 1997, and Martin County Medical Society, West Palm Beach, FL, May 14, 1997.

AAPS v. Clinton, Council for National Policy, Scottsdale, AZ, Feb 6, 1998.

Separation of School and State, Common Sense Forum, Tucson Public Library, Feb 7, 1998.

Colloquium on Liberty, Responsibility, and the Family, Liberty Fund, Houston, TX, Mar 12-15, 1998.

E&M Documentation Guidelines, AMA Fly-in, Chicago, IL, Apr 27, 1998.

The Direction of American Medicine and How to Stop the Train, Reno Surgical Society, Reno, NV, Apr 29, 1998.

New Medicare Coding Regulations: a Political and Economic Update, Longmont United Hospital Medical Staff, Longmont, CO, May 14, 1998.

The Anti-Fraud Laws and Will Physicians Make a Last Stand for Medicine, Q&R Clinic, Bismarck, ND, June 8, 1998.

E&M Documentation Guidelines, Chicago Medical Society, May 27, 1998.

Malaria, Medical Grand Rounds, Carondelet St. Joseph's Hospital, July 28, 1998.

The Changing Face of American Health Care Policy in the 21st Century, Montana Medical Association, Aug 7, 1998.

The Future of Employer-Provided Health Care Benefits: a Physician's Perspective, Capstone Consulting Group, Phoenix, Sep. 21, 1998.

A Physician's Perspective, National Association of Health Care Consultants, Alexandria, VA, Oct 24, 1998.

Ethics Under Managed Care, American College of Chest Physicians, Toronto, Nov 9, 1998.

Who Is Hurt by Abortion: the Jericho Strategy, Friends for Life, SS. Peter and Paul, Tucson, Jan 23, 1999.

Two Views on Managed Care: Change the System, Salishan Conference, Medical Society of Metropolitan Portland, OR, Feb 7, 1999.

The Evaluation and Management of Managed Care, Budd Bell Foundation, Florida Medical Association, Tallahassee, FL, Feb 2, 1999.

Managed Care: a Faustian Bargain? Chicago Medical Society, Feb 27, 1999.

Is the Oath of Hippocrates Obsolete? Medical Grand Rounds, Kettering Medical Center, Dayton, OH, Mar 26, 1999.

Medical Response to Weapons of Mass Destruction, Pima County Medical Society, Apr 24, 1999.

What's Wrong with Managed Care? Healthcare Financial Management Association, Northern California Chapter, San Francisco, May 14, 1999.

Mandatory Vaccination, Doctors for Disaster Preparedness, Seattle, WA, Jun 14, 1999; Carondelet St. Joseph's Hospital Grand Rounds, Tucson.

Managed Care: Love It or Leave It, North Shore Physicians Organization, Great Neck, NY, Jun 29, 1999.

Health Care Mandates and Regulations Aren't Free, American Legislative Exchange Council, Nashville, TN, Aug 13, 1999.

Nuclear Weapons Effects, Weapons of Mass Destruction seminar, Pima County Medical Society, Sep 18, 1999.

Will We Allow Government to Mandate Health Treatments? Eagle Council, St. Louis Marriott, Sep 25, 1999

The Screwtape Strategy for Medicine, AAPS annual meeting, Coeur d'Alene, ID, October 1999.

Vaccine mandates, ABC Nightline, October 1999.

About Insurance, Southern Arizona Society of Health Underwriters, El Parador, Tucson, Oct 20, 1999.

A Physician's Response, The American Civil Defense Association, Quality Inn, Denver, CO, Nov 4, 1999.

Medicine in the Millennium, Daytona New Journal, Volusia Academy of Medicine, Volusia County Medical Society, Dayton, Ohio, Jan 21, 2000.

Global Warming, KUAT Arizona Illustrated, Jan 20, 2000.

Debate on mandatory vaccines, American Legislative Exchange Council, Jan 29, 2000.

A Physician's Perspective on Managed Care, St. Elizabeth Health Center, Youngstown, OH; Robinson Memorial Hospital, Ravenna, OH; Wooster Community Hospital, Wooster, OH, Mar 15-16, 2000.

What Comes After Managed Care? Lee County Medical Society, Ft. Myers, FL, May 15, 2000.

Mandatory Vaccines, Scholar's Committee, National Action Now, Manhattan, Jan 27 2001.

Gun safety forum, Second Amendment Foundation, Burton Barr Public Library, Phoenix, AZ., Apr 21, 2001.

Your Doctor Is In—Prison, Munson Medical Center, Traverse City, MI, Jul 20, 2001.

Ritalin, Eagle Council, St. Louis, MO, Sep 21, 2001.

Chem/bio defense, for Aqui y ahora, Miami, FL, Sep 23, 2001.

Doctors on Trial, Reno Surgical Society, Apr 11, 2002.

Government-Controlled Medicine: Adverse Effects, Independence Institute, Denver, CO, May 15, 2002.

Ethics, Responsibility, and Individual Liberty in Hippocratic Medicine, Liberty Fund Colloquium, Vevey, Switzerland, Sept 5-8, 2002.

HIPAA Administrative Simplification Update, Medical Grand Rounds, Carondelet St. Joseph's Hospital, Jun 10, 2003.

Is Ethical Practice Possible in a Third-Party System? Psychiatric Grand Rounds, University of Vermont, Oct 10, 2003.

Single Payer, Southern Arizona Association of Health Underwriters, Nov 19, 2003.

Why Your Doctor Is Not In, Distinguished Speaker Series, Penn State Altoona, Mar 3, 2004.

Minimizing Third-Party Intervention, Pan American Allergy Society, Mar 14, 2004.

Payment at the Time of Service, National Hispanic Medical Association, Sep 17, 2004.

Information Technology, Emerging Issues Forum, Heartland Institute, Sep 24, 2004.

Debate on Single-Payer System, with Steffie Woolhandler, Idaho Conference on Health Care, Idaho State University, Oct 21, 2004.

Kyoto: Latest Scheme for Global Energy Rationing, National Aerosol Association, Feb 10, 2005.

Personal v. Government Choice in Health Care, Young Scholars Colloquium, Foundation for Economic Education, Jun 15, 2005.

Issues Raised in the Terri Schiavo Case, Medical Grand Rounds, Carondelet St. Joseph's Hospital, Jun 28, 2005.

Roundtable on Mental Health Screening, National Association of Women Legislators, Sep 9, 2005.

Can the Art and Science of Medicine Be Digitized? Association of American Physicians and Surgeons annual meeting, Sep 23, 2005.

Debate on Single Payer with Dr. Quentin Young, Illini chapter of AAPS, Nov 18, 2005.

Health Hazards of Socialized Medicine, Illinois Society of Anesthesiologists, University of Chicago, Nov 19, 2005.

Skyrocketing Health Care Costs, How Do We Pay? Government vs. Private Pay, Abington Memorial Hospital, May 22, 2006.

Data Mining, Immunizations, and Pharmaceuticals, Arizona Republican Assembly, June 24, 2006.

Healing America: the Free Market Instead of Government Health Care, Evenings at FEE, Jul 14, 2006.

In Sickness and in Health: Government vs. Free Markets, Young Scholars Colloquium, Foundation for Economic Education, Irvington-on-Hudson, NY, July 2006; July 2007.

Shaken Baby Syndrome and Evidence-Based Medicine, Carondelet St. Joseph's Hospital, Jul 25, 2006.

Civil Defense, Retired Tucson Physicians, Dec 12, 2006.

Health Care Reform, Pima County Republicans, Feb 13, 2007.

Free-Market Medicine, Tucson Conservative Forum, Feb 17, 2007.

A Perspective: Current Politics in Medicine. Tucson Osteopathic Medical Foundation, Mar 30, 2007.

The Best of Times, the Worst of Times: Entering Practice in the Early 21st Century, Western University, Pomona, CA, Apr 5, 2007.

Global Warming and Physicians, Carondelet St. Joseph's Hospital, May 15, 2007.

Preserving Medicine, Pennsylvania chapter of AAPS and the Society for the Education of Physicians and Patients (SEPP), Jul 9, 2007.

The Impact of Health Savings Accounts in American Medicine, Carondelet St. Joseph's Hospital, Jul 17, 2007.

Other Professional Activities

Contributed more than 100 cases to the Upper Gastrointestinal Bleeding Multinational Survey, OMGE Research Committee, Leeds, England and to the Abdominal Pain Survey conducted by the same investigators.

Prepared a report for the U.S. Department of Justice, defendant in the Wichita Radium Dials Case, (*Johnston vs. U.S.*, U.S. District Court for the District of Kansas), February 1984.

Editor of *AAPS News*, the monthly newsletter of the Association of American Physicians and Surgeons, August 1986-present.

Managing Editor, *Journal of American Physicians and Surgeons*, 2003-present.

Prepared videotape presentation on Emergency Medical Preparedness and Facts About Nuclear War as Explained to Schoolchildren, under the auspices of the Oregon Institute of Science and Medicine.

Participated in strategic planning session Civil Defense in the Year 2000 at the invitation of the Office of Civil Defense, Federal Emergency Management Agency, Emmitsburg, MD, July 24-28, 1989.

Prepared a declaration on behalf of the US Department of Justice in *Gay Men's Health Crisis vs. Sullivan*, 1989.

Presented written testimony on behalf of the Association of American Physicians and Surgeons on the AIDS Prevention Act of 1990, H.R. 4470, Apr 17, 1990.

Editor, *Doctors for Disaster Preparedness Newsletter*

Editor, *Civil Defense Perspectives* since November, 1984.

Testified before the President's Task Force on Health Care Reform, Mar 29, 1993.

Member of Human Health Technical Subcommittee, Arizona Comparative Environmental Risk Project, appointed by Gov. Fife Symington, 1993-94.

Testimony to the Subcommittee on Privacy and Confidentiality of the National Committee on Vital and Health Statistics, Feb 19, 1997

Partial list of Congressional testimony or written statements on behalf of the Association of American Physicians and Surgeons concerning:

Fiscal year 1996 budget, Mar 14, 1995

Physician Payment Review Commission's 1995 Recommendations, April 1995

Medicare Reform, Committee on Ways and Means Subcommittee on Health (invited oral testimony), May 25, 1995

Statement for the Record on Recommendations of the Physician's Payment Review Commission presented on March 30, 1995, Hearing Before the Subcommittee on Health of the Committee on Ways and Means, House of Representatives, Serial 104-7.

Medical Records Confidentiality Act of 1995, Nov 30, 1995

Health Information Protection Act, Jun 14, 1996

Contract Issues and Quality Standards for Managed Care, Jun 10, 1996

FDA Approval Process, Committee on Commerce, Subcommittee on Health and Environment (invited oral testimony), Aug 27, 1996

Draft Medical Information Privacy and Security Act of 1997, Mar 26, 1997

Medicare Fraud, Jul 10, 1997

The Medicare Beneficiary Freedom to Contract Act, S. 1194, Senate Finance Committee, Feb 26, 1998

Hearing on Administrative Law, Committee on the Judiciary, Subcommittee on Commercial and Administrative Law, U.S. House of Representatives, May 7, 1998

Anthrax Vaccine Immunization Program, Subcommittee on National Security, Veterans Affairs and International Relations, Committee on Government Reform, U.S. House of Representatives, Apr 1, 1999

Hepatitis B Vaccine, Subcommittee on Criminal Justice, Drug Policy, and Human Resources of the Committee on Government Reform, U.S. House of Representatives, Jun 14, 1999

Testimony before State Legislatures:

The Health Care Access and Cost Commission—Medical Care Data Base Collection—Notice and Informed Consent, Maryland General Assembly and Senate, Feb 22, 1996

Private Influence Reform Law, House State Government Committee, Commonwealth of Pennsylvania

House of Representatives, Nov 18, 1997
Mandate for hepatitis b vaccine, House HEWI Committee, Colorado State Legislature, Jan 31, 2000.

Testimony in Legal Proceedings

ALJ Hearing on Minnesota requirement for Prevnar and varicella vaccine, Feb 28, 2003.
Evidentiary hearing in *State of Florida v. Yurko* (alleged shaken baby syndrome), Orlando, August 2004.