

Dennis M. Fisher, M.D.

Contact Information:

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San Francisco, CA 94116

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Email: fisher@PLessThan.com

Web: www.PLessThan.com

1997-Present: Principal

The “P Less Than” Company, San Francisco, CA

Working with numerous pharmaceutical companies in a variety of roles including pharmacokinetic analysis (including population techniques) and simulation of preclinical and phase 1-4 clinical trials, development of pharmacodynamic models, various pharmacometric analyses, and evaluation of failed clinical trials (including identification of the causes of failure and development of revised trial designs). Assisted companies in the development of clinical investigation plans and protocols, focussing particular on optimizing dosing regimens. Advised companies regarding NDAs and ex-US regulatory packages prior to submission. Assisted companies in preparation for and/or at FDA and ex-US regulatory meetings. Assisted companies in the review of safety events prior to NDA submission.

2015-Present

Professor (Emeritus), Department of Anesthesia, University of California, San Francisco, CA

2003-2013: Principal and Founder

NDA Partners

NDA Partners is a unique international consultancy with a single focus—to dramatically improve the success rate and development speed of our clients’ biopharmaceutical and medical device discoveries. Working primarily with investor-driven emerging companies, we help our clients make the critical decisions with respect to their product development investments, recognize and understand the scientific and regulatory issues that will impact their programs, avoid the common pitfalls that have derailed other companies and drug development programs, and design and implement optimal product development and regulatory programs. . .

2001-2003: Vice President of Medical Affairs

2000-2002: Medical Director

DURECT Corporation, Cupertino, CA

Sole physician in startup pharmaceutical company. Responsible for development, implementation, evaluation, and reporting of clinical investigation plan for lead product, Chronogesic Sufentanil Pain Therapy System. Three trials (a critical phase 2 trial, a pharmacokinetics trial, and a pilot phase 3 trial) were completely successfully and the phase 3 program was initiated. Also responsible for identification, evaluation, and implementation of other compounds for development using DURECT's depot technologies. An IND was filed for

one of these programs. A second program completed “proof of concept”. For these programs and others, I led or participated actively in regulatory meetings including FDA (CDER, CDRH, Office of the Ombudsman), MPA (Sweden), MCA (UK), and CPMP (EU). Worked with DURECT's business development group to partner the lead product; this included initiating contact with numerous pharmaceutical companies, presenting the development plan to these companies, and participating in their diligence process. Through DURECT's finance group, met with numerous investors to assist in their diligence.

1998-2000: Consultant

Pharsight Corporation, Mountain View, CA

Performed clinical trial simulation for three clients, Protein Design Labs, DURECT, and Anesta. In one instance, advised a client that, based on simulations, a clinical trial design was likely to fail. The client decided to proceed with the trial, it failed, the development program was placed on "clinical hold" by FDA. Subsequently, the client asked for simulation of additional trial designs in order to permit resumption of the clinical program.

1981-2000: Faculty Member

Department of Anesthesia, University of California, San Francisco, CA

Joined the faculty as an Assistant Professor of Anesthesia and Pediatrics in 1981, promoted to Associate Professor in 1987, then to Professor (tenured) in 1991. Performed numerous clinical studies and pharmacokinetic analyses, supported either by funds from a series of NIH Research Awards, grants or awards from pharmaceutical companies, or grants from UCSF. Became an Associate Editor of Anesthesiology in 1988, joined the Editorial Board from 1992-2000 including six years as Editor of the Medical Intelligence/Review Article section of the journal. Employed on a part-time basis by FDA (Special Government Employee) as a Primary Reviewer of several NDAs, including the critical safety review of a potent opioid.

EDUCATION:

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| Bachelor of Science, Massachusetts Institute of Technology, Cambridge, Massachusetts | 1968-72 |
| Master's in City Planning, Massachusetts Institute of Technology | 1971-72 |
| Doctor of Medicine, Yale University, New Haven, Connecticut | 1972-76 |
| Internship (pediatrics), The Children's Hospital of Philadelphia | 1976-77 |
| Residency (pediatrics), The Children's Hospital of Philadelphia | 1977-78 |
| Residency (anesthesia), Hospital of the University of Pennsylvania, Philadelphia | 1978-80 |
| Fellow (pediatric anesthesia and critical care medicine), The Children's Hospital of Philadelphia | 1980 |
| Research fellow (anesthesia), University of California, San Francisco | 1981 |
| <i>In vitro</i> drug metabolism, Laboratory of Hepatic Pathophysiology, INSERM, Clichy, France, Director: Dr. Dominique Pessayre (sabbatical) | 1988-89 |

POSITIONS HELD:

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| DURECT Corporation | |
| Medical Director | 2000-03 |
| Vice President for Medical Affairs | 2001-03 |
| Consultant | 2003- |

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| University of California, San Francisco: | |
| Assistant Professor of Anesthesia and Pediatrics in Residence | 1981-87 |
| Associate Professor of Anesthesia and Pediatrics | 1987-91 |
| Professor of Anesthesia and Pediatrics | 1991-2000 |
| Moffitt-Long Hospitals: | |
| Attending Physician, Pediatric Intensive Care Unit | 1981-88 |
| Acting Director, Pediatric Anesthesia | 1986-88 |
| Director, Remote Anesthesia | 1990-92 |
| Cardiovascular Research Institute: | |
| Scientific Staff | 1986-2000 |

SPECIALTY MEDICAL CERTIFICATIONS:

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| American Board of Pediatrics | 1981 |
| American Board of Anesthesiology | 1982 |

MEDICAL LICENSURE:

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| California | 1980 |
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UNIVERSITY AND PUBLIC SERVICE:

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| UCSF Departmental Committees: | |
| Resident Selection Committee | 1981-84,89-91,95-96 |
| Saturday Morning Conference Committee | 1984 |
| Mandatory Fourth Year Committee | 1984 |
| Committee for the Evaluation of Non-clinical Time | 1984 |
| Computer Committee | 1984-2000 |
| Chairman | 1991-2000 |
| Research Committee | 1984- |
| Departmental Meeting Committee | 1985-87 |
| Fellowship Selection Committee | 1985-90 |
| Finance Committee | 1989-98 |
| Long Range Planning Committee | 1993-94 |
| UCSF Extramural Committees: | |
| Scientific Advisory Board, Association of University Anesthesiologists | 1990-93 |
| Chairman, Subcommittee on Pediatric Anesthesia, American Society of Anesthesiologists | 1992-95 |
| Committee on Scientific Papers, American Society of Anesthesiologists | 1992-94 |
| Educational Advisory Committee, Society for Pediatric Anesthesia | 1992-95 |
| Subcommittee of Neuromuscular Transmission, American Society of Anesthesiologists | 1998-2000 |
| Subcommittee of Anesthetic Action, American Society of Anesthesiologists | 1998-2000 |
| Editorial Boards: | |
| <i>Anesthesiology</i> (Associate Editor) | 1989-91 |
| <i>Anesthesiology</i> (Editor) | 1991-2000 |
| <i>Anesthesiology</i> (Editor for Medical Intelligence/Review Articles) | 1995-2000 |

Consulting Editorial Services:

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| <i>Acta Anaesth Scand</i> | 1998 |
| <i>American Journal of Physiology</i> | 1993 |
| <i>Anesthesia and Analgesia</i> | 1984,1991- |
| <i>Anesthesiology</i> | 1981- |
| <i>Canadian Journal of Anesthesia</i> | 1987 |
| <i>Clinical Pharmacology and Therapeutics</i> | 1999 |
| <i>Critical Care Medicine (abstracts)</i> | 1984-90 |
| <i>Journal of Clinical Anesthesia</i> | 1992 |
| <i>Journal of Pediatric Gastroenterology and Nutrition</i> | 1992 |
| <i>Journal of Pharmacokinetics and Biopharmaceutics</i> | 1983,1989 |
| <i>Journal of Pharmacology and Experimental Therapeutics</i> | 1997-98 |
| <i>New England Journal of Medicine</i> | 1993-95, 1997 |
| <i>Pharmacy and Therapeutics Forum</i> | 1983 |
| <i>Radiology</i> | 1992 |

Consulting Services:

- Food and Drug Administration, Committee on Anesthetics, Subcommittee to Establish Guidelines, 1990-1991
- Anesthesia for Pediatric Patients for Painful Procedures, Oncology Department, Children's Hospital of Los Angeles, 1988-1992
- Food and Drug Administration Center for Drug Evaluation and Research, Expert Specialist (Consultant), 1993-1994
- Food and Drug Administration Committee on Anesthesia and Life Support, Subcommittee on Pediatric Sedation/Premedication, 1994
- Food and Drug Administration Committee on Anesthesia and Life Support, Consultant Reviewer, 1995-1996

Grant Reviews:

- Program Project Site Visitor, National Cancer Institute, Seattle, 1994
- Grant Reviewer, Veteran's Administration, 1997
- Multicenter Trial Grant Reviewer, National Institutes of Health, 1999
- Grant Reviewer, Frontiers in Anesthesia, International Anesthesia Research Society, 1999
- Grant Reviewer, Veteran's Administration, 2002

Visiting Professorships:

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| Sophia Children's Hospital, Rotterdam, Holland | 1983 |
| Hahnemann University | 1984 |
| The Pennsylvania State University, Hershey, Pa. | |
| Loyola University | 1986 |
| University of Wisconsin Medical School | |
| The Medical College of Wisconsin | |
| Massachusetts General Hospital | |
| Children's Hospital Medical Center, Boston | |
| George Washington University | 1987 |
| Children's Hospital National Medical Center, Washington, D.C. | |
| State University of New York, Brooklyn | 1988 |

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| Yale University | 1989 |
| Lund University, Sweden | |
| University of Chicago | |
| McGill University, Montreal | 1990 |
| Children's Hospital of Pittsburgh | 1991 |
| Northwestern University, Chicago | |
| New York University Medical Center | |
| West Virginia University | 1992 |
| Duke University | |
| Emory University | 1994 |
| University of Washington | |
| Oregon Health Sciences University | |
| Washington University | 1995 |
| Texas Children's Hospital | 1996 |
| Bowman Gray | |
| Northwestern University | |
| University of New Mexico | 1997 |
| Columbia University | |
| New York Hospital, Cornell University | 1998 |
| University of California, San Diego | 1999 |

PROFESSIONAL SOCIETIES:

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| California Society of Anesthesiologists | 1981- |
| American Society of Anesthesiologists | 1978- |
| Society of Critical Care Medicine | 1980- |
| American Academy of Pediatrics | 1981- |
| Association of University Anesthesiologists | 1984- |
| Association of Paediatric Anaesthetists of Great Britain and Ireland | 1986- |
| International Anesthesia Research Society | 1979- |

TEACHING:

Supervision and instruction of research fellows:

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| Barbara Palmisano, M.D. | 1982-83 |
| Mark Singleton, M.D. | 1984 |
| Robert Hertzka, M.D. | 1985-86 |
| Jane Henderson, M.D. | 1986 |
| Drew Brodsky, M.D. | 1987 |
| Ian Gauntlett, M.D. | 1987-88 |
| Eckhart Kuhls, M.D. | 1987-88 |
| Paul Bragg, M.D. | 1990-91 |
| Peter Wright, M.D. | 1992-94 |
| Paul Hart, M.D. | 1993-94 |
| Andrew Luks | 1995-96 |
| James Hsu, M.D. | 1997-98 |
| Matthias Paul, M.D. | 1999-2001 |

Supervision and instruction of students:

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| Alice Yeh, Medical Student, Northwestern University | 1990 |
| George Lee, Undergraduate Student, Harvard University | 1996 |
| Shuba Iyengar, Undergraduate Student, University of California, Berkeley | 1996 |

Miscellaneous:

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| Instructor, Basic Life Support | |
| Instructor, Pediatric Advanced Life Support | |
| Tutor, Workshop on Advanced Methods in Pharmacokinetics/ Pharmacodynamics, San Francisco, 1992, 1995, 1997, 1999, 2001; Sils-Maria, Switzerland, 1994, 1996, 1998, 2000, 2002; (Lecturers: Lewis Sheiner, M.D., Malcolm Rowland, Ph.D.) | |
| Course Director, Workshop on Advanced Methods in Pharmacokinetics/ Pharmacodynamics, San Francisco, 2004 | |
| Lecturer, Workshop on Advanced Methods in Pharmacokinetics/ Pharmacodynamics, Sils-Maria, Switzerland, 2006 | |
| Course Director, Workshop on Advanced Methods in Pharmacokinetics/ Pharmacodynamics, San Francisco, 1999, 2001; | |
| Tutor, NONMEM Short Course, Bethesda, 1992; San Francisco, 1994, 1995, 1996, 1997, Rockville, 1998 (Directed by Lewis Sheiner, M.D., and Stuart Beal, Ph.D.) | |
| Lecturer, Co-Director, Fisher / Shafer NONMEM Workshop, 17 sessions between 2005 and 2014 | |

AWARDS, HONORS AND GRANT SUPPORT:

Honors

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| Third prize, Residents Essay Contest, American Society of Anesthesiologists | 1981 |
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Funding: UCSF Intramural

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| Academic Senate Multi-User Equipment Grant (Principal Investigator, \$17,000) | 1984 |
| Academic Senate Committee on Research Opportunity Fund Award (Principal Investigator, \$7500) | 1986 |
| Academic Senate Committee on Research (Principal Investigator, \$3000) | 1987 |
| Research Evaluation and Allocation Committee (Coinvestigator, \$8000) | 1989-90 |
| Academic Senate Committee on Research (Coinvestigator, \$12,801) | 1990 |
| Academic Senate Committee on Research (Principal Investigator, shared equipment, \$9630) | 1991 |

Funding, Extramural: National Institutes of Health

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| National Service Research Award (\$43,276) | 1980-82 |
| Paralysis — Its antagonism during anesthesia and surgery, (Coinvestigator, 30%) | 1983-85 |
| Muscle Relaxants and Antagonists in Pediatric Anesthesia, New Investigator's Award (\$107,000) | 1983-86 |
| Paralysis — its antagonism during anesthesia and surgery (Coinvestigator, 10%) | 1985-90 |

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| Maturational Changes in Response to IV Anesthetic Drugs (RO1, principal investigator, \$327,559) | 1989-92 |
| Kinetics and dynamics of fentanyl anesthesia in neonates (RO1, principal investigator, \$769,188) | 1992-96 |

ORIGINAL ARTICLES

1. Fisher DM, O'Keeffe C, Stanski DR, Cronnelly R, Miller RD, Gregory GA: Pharmacokinetics and pharmacodynamics of *d*-tubocurarine in infants, children and adults. *Anesthesiology* 57:203-208, 1982
2. Fisher DM, Fahey MR, Cronnelly R, Miller RD: Potency determination for vecuronium (ORG NC45): Comparison of cumulative and single-dose techniques. *Anesthesiology* 57:309-310, 1982
3. Fisher DM, Frewen T, Swedlow DB: Increase in intracranial pressure during suctioning — Stimulation vs. rise in PaCO₂. *Anesthesiology* 57:416-417, 1982
4. Cronnelly R, Fisher DM, Miller RD, Gencarelli P, Nguyen-Gruenke L, Castagnoli N Jr: Pharmacokinetics and pharmacodynamics of vecuronium (ORG NC45) and pancuronium in anesthetized man. *Anesthesiology* 58:405-408, 1983
5. Rupp SM, Shinohara Y, Fisher DM, Miller RD, Castagnoli N: Pharmacokinetics and pharmacodynamics of 4-aminopyridine in anesthetized dogs. *J Pharmacol Exp Ther* 225:351-354, 1983
6. Fisher DM, Miller RD: Neuromuscular effects of vecuronium (ORG NC45) in infants and children during N₂O, halothane anesthesia. *Anesthesiology* 58:519-523, 1983
7. Fisher DM, Cronnelly R, Miller RD, Sharma M: Neuromuscular pharmacology of neostigmine in infants and children. *Anesthesiology* 59:220-225, 1983
8. Dailey P, Fisher DM, Shnider SM, Baysinger CL, Shinohara Y, Miller RD, Abboud TK, Kim KC: Pharmacokinetics, placental transfer, and neonatal effects of vecuronium and pancuronium administered during cesarean section. *Anesthesiology* 60:569-574, 1984
9. Fisher DM, Cronnelly R, Sharma M, Miller RD: Clinical pharmacology of edrophonium in infants and children. *Anesthesiology* 61:428-433, 1984
10. Miller RD, Rupp SM, Fisher DM, Cronnelly R, Fahey MR, Sohn YJ: Clinical pharmacology of vecuronium and atracurium. *Anesthesiology* 61:444-453, 1984
11. Palmisano BW, Fisher DM, Willis M, Gregory GA, Ebert PA: The effect of paralysis on oxygen consumption in normoxic children after cardiac surgery. *Anesthesiology* 61:518-522, 1984
12. Hennis PJ, Cronnelly R, Sharma M, Fisher DM, Miller RD: Metabolites of neostigmine and pyridostigmine do not contribute to antagonism of neuromuscular blockade in the dog. *Anesthesiology* 61:534-539, 1984
13. Fahey MR, Rupp SM, Fisher DM, Miller RD, Sharma M, Canfell C, Castagnoli K, Hennis PJ: The pharmacokinetics and pharmacodynamics of atracurium in patients with and without renal failure. *Anesthesiology* 61:699-702, 1984

14. Fisher DM, Castagnoli K, Miller RD: Vecuronium kinetics and dynamics in anesthetized infants and children. *Clin Pharmacol Ther* 37:402-406, 1985
15. Adzick NS, deLorimier AA, Harrison MR, Glick PL, Fisher DM: Major childhood tumor resection using normovolemic hemodilution anesthesia and hetastarch. *J Pediatr Surg* 20:372-375, 1985
16. Fahey MR, Rupp SM, Canfell C, Fisher DM, Miller RD, Sharma M, Castagnoli K, Hennis PJ: Effect of renal failure on laudanosine excretion in man. *Br J Anaesth* 57:1049-1051, 1985
17. Shi W-Z, Fahey MR, Fisher DM, Miller RD, Canfell C, Eger EI II: Laudanosine (a metabolite of atracurium) increases the minimum alveolar concentration of halothane in rabbits. *Anesthesiology* 63:584-588, 1985
18. Fisher DM, Robinson S, Brett CM, Perin G, Gregory GA: Comparison of enflurane, halothane and isoflurane for diagnostic and therapeutic procedures in children with malignancies. *Anesthesiology* 63:647-650, 1985
19. Fisher DM, Canfell PC, Fahey MR, Rosen JI, Rupp SM, Sheiner LB, Miller RD: Elimination of atracurium in humans: Contribution of Hofmann elimination and ester hydrolysis vs. organ-based elimination. *Anesthesiology* 65:6-12, 1986
20. Fisher DM, Rosen JI: A pharmacokinetic explanation for increasing recovery time following larger or repeated doses of nondepolarizing muscle relaxants. *Anesthesiology* 65:286-291, 1986
21. Singleton MA, Rosen JI, Fisher DM: Plasma concentrations of fentanyl in infants, children and adults. *Can J Anaesth* 34:152-155, 1987
22. Gambee AM, Hertzka RE, Fisher DM: Preoxygenation techniques: Comparison of 3-minutes and 4-breaths. *Anesth Analg* 66:468-470, 1987
23. Rupp SM, Castagnoli KP, Fisher DM, Miller RD: Pancuronium and vecuronium pharmacokinetics and pharmacodynamics in younger and elderly adults. *Anesthesiology* 67:45-49, 1987
24. Brett CM, Fisher DM: Thiopental dose-response relations in unpremedicated infants, children, and adults. *Anesth Analg* 66:1024-1027, 1987
25. Weiskopf RB, Reid IA, Fisher DM, Holmes MA, Rosen JI, Keil LC: Effects of fentanyl on vasopressin secretion in human subjects. *J Pharmacol Exp Ther* 242:970-973, 1987
26. Henderson JM, Brodsky DA, Fisher DM, Brett CM, Hertzka RE: Preinduction of anesthesia in pediatric patients with nasally-administered sufentanil. *Anesthesiology* 68:671-675, 1988 (accompanied by an editorial)
27. Singleton MA, Rosen JI, Fisher DM: Pharmacokinetics of fentanyl in the elderly. *Br J Anaesth* 60:619-622, 1988
28. Nussmeier NA, Moskowitz GJ, Weiskopf RB, Cohen NH, Fisher DM, Eger EI II: *In vitro* anesthetic washin and washout via bubble oxygenators: Influence of anesthetic, and gas and pump flows. *Anesth Analg* 67:982-987, 1988

29. London MJ, Sybert PE, Mangano DT, Fisher DM, Bainton CR, Hickey RF: Surface-induced hypothermia: Effects on coronary blood flow autoregulation and vascular reserve. *J Surg Research* 45:481-495, 1988
30. Caldwell JE, Castagnoli KP, Canfell PC, Fahey MR, Lynam DP, Fisher DM, Miller RD: Pipecuronium and pancuronium: A comparison of their pharmacokinetics and durations of action. *Br J Anaesth* 61:693-697, 1988
31. Fisher DM, Caldwell JE, Sharma M, Wirén J-E: The influence of bambuterol (carbamylation of terbutaline) on the duration of action of succinylcholine-induced paralysis in humans. *Anesthesiology* 69:757-759, 1988
32. Gauntlett IS, Fisher DM, Hertzka RE, Kuhls E, Spellman MJ, Rudolph C: Pharmacokinetics of fentanyl in neonatal humans and lambs: Effects of age. *Anesthesiology* 69:683-687, 1988
33. Hertzka RE, Gauntlett IS, Fisher DM, Spellman MJ: Fentanyl-induced ventilatory depression: Effects of age. *Anesthesiology* 70:213-218, 1989
34. Caldwell JE, Canfell PC, Castagnoli KP, Lynam DP, Fahey MR, Fisher DM, Miller RD: The influence of renal failure on the pharmacokinetics and duration of action of pipecuronium bromide in patients anesthetized with halothane and nitrous oxide. *Anesthesiology* 70:7-12, 1989
35. Nussmeier NA, Lambert ML, Moskowitz GJ, Cohen NH, Weiskopf RB, Fisher DM, Eger EI II: Washin and washout of isoflurane administered via bubble oxygenators during hypothermic cardiopulmonary bypass. *Anesthesiology* 71:519-525, 1989
36. Shi W-Z, Fahey MR, Fisher DM, Miller RD: Modification of central nervous system effects of laudanum by inhaled anaesthetics. *Br J Anaesth* 63:598-600, 1989
37. Zeltzer LK, Jay SM, Fisher DM: The management of pain associated with pediatric procedures: Pharmacologic intervention for medical/surgical procedures. *Pediatr Clin N Amer* 36:941-964, 1989
38. Kitts JB, Fisher DM, Canfell PC, Spellman MJ, Caldwell JE, Heier T, Fahey MR, Miller RD: Pharmacokinetics and pharmacodynamics of atracurium in the elderly. *Anesthesiology* 72:272-275, 1990
39. Fisher DM, Canfell PC, Spellman M, Rosen JI, Miller RD: Pharmacokinetics and pharmacodynamics of atracurium in infants and children during N₂O-halothane anesthesia. *Anesthesiology* 73:33-37, 1990
40. Fisher D, Labbe G, Berson A, Tinel M, Loeper J, Larrey D, Pessayre D: Inhibition of rat liver estrogen 2/4-hydroxylase activity by troleandomycin. Comparison with erythromycin and roxithromycin. *J Pharmacol Exper Ther* 254:1120-1127, 1990
41. Spears RS, Yeh A, Fisher DM, Zwass MS: The "educated hand": Can anesthesiologists assess changes in neonatal pulmonary compliance manually? *Anesthesiology* 75:693-696, 1991 (accompanied by an editorial)
42. Fisher DM, Zwass MS: MAC of desflurane in 60% nitrous oxide in infants and children. *Anesthesiology* 76:354-356, 1992

43. Zwass MS, Fisher DM, Welborn LG, Coté CJ, Davis PJ, Dinner M, Hannallah RS, Liu LMP, Sarner J, McGill WA, Alifimoff JK, Embree PA, Cook DR: Induction and maintenance characteristics of anesthesia with desflurane and nitrous oxide in infants and children. *Anesthesiology* 76:373-378, 1992
44. Szenohradszky J, Fisher DM, Segredo V, Caldwell JE, Bragg P, Sharma M, Gruenke L, Miller RD: Pharmacokinetics and neuromuscular blocking effects of rocuronium bromide (ORG 9426) in patients with normal renal function or with renal failure. *Anesthesiology* 77:899-904, 1992
45. Bragg P, Fisher DM, Donati F, Meistelman C, Lau M, Sheiner LB: Comparison of twitch depression of the adductor pollicis and the respiratory muscles: Pharmacodynamic modeling without plasma concentrations. *Anesthesiology* 80:310-319, 1994
46. Cauldwell C, Lau M, Fisher DM: Is intramuscular mivacurium an alternative to intramuscular succinylcholine? *Anesthesiology* 80:320-325, 1994
47. Wright PMC, Hart P, Lau M, Sharma M, Gruenke L, Fisher DM: Cumulative characteristics of atracurium and vecuronium: A simultaneous clinical and pharmacokinetic study. *Anesthesiology* 81:59-68, 1994
48. Caldwell JE, Szenohradszky J, Segredo V, Wright PMC, McLoughlin C, Sharma ML, Gruenke LD, Fisher DM, Miller RD. The pharmacodynamics and pharmacokinetics of the metabolite 3-desacetylvecuronium (ORG 7268) and its parent compound, vecuronium, in human volunteers. *J Pharmacol Exp Ther* 270:1216-1222, 1994
49. Kelley S, Cauldwell C, Fisher DM, Lau, M, Sharma M, Weisiger R: Recovery of hepatic drug metabolic function following hypothermic preservation. *Anesthesiology* 82:251-258, 1995
50. Larijani GE, Gratz I, Afshar M, McDonald PA, Fisher DM. The effect of isoflurane vs. balanced anesthesia on rocuronium's pharmacokinetics and infusion requirement. *Pharmacotherapy* 15:36-41, 1995
51. Wright PMC, Hart P, Lau M, Brown R, Sharma ML, Gruenke L, Fisher DM. The magnitude and time course of vecuronium potentiation by desflurane versus isoflurane. *Anesthesiology* 82:404-411, 1995
52. Magorian T, Wood P, Caldwell JE, Fisher DM, Segredo V, Szenohradszky J, Sharma ML, Gruenke LD, Miller RD. The pharmacokinetics and neuromuscular effects of rocuronium in patients with liver disease. *Anesth Analg* 80:754-759, 1995
53. Hart PS, McCarthy GJ, Brown R, Lau M, Fisher DM: The effect of plasma cholinesterase activity on mivacurium infusion rates. *Anesth Analg* 80:760-763, 1995
54. Hart PS, Wright PMC, Lau M, Brown R, Sharma M, Miller RD, Gruenke L, Fisher DM: Edrophonium increases mivacurium concentrations during constant mivacurium infusion and large doses minimally antagonize paralysis. *Anesthesiology* 82:912-918, 1995
55. Vuksanaj D, Fisher DM: Pharmacokinetics of rocuronium in children aged 4-11 years. *Anesthesiology* 82:1104-1110, 1995

56. Kuhls E, Gauntlett I, Lau M, Brown R, Rudolph C, Teitel D, Fisher DM: Effect of increased intraabdominal pressure on hepatic extraction and clearance of fentanyl in neonatal lambs. *J Pharmacol Exp Ther* 274:115-119, 1995
57. Szenohradszky J, Lau M, Brown R, Sharma ML, Fisher DM: The effect of neostigmine on twitch tension and muscle relaxant concentration during infusion of mivacurium or vecuronium. *Anesthesiology* 83:83-87, 1995
58. Bragg P, Zwass MS, Lau M, Fisher DM: Opioid pharmacodynamics in neonatal dogs: Differences between morphine and fentanyl. *J Appl Physiol* 79:1519-1524, 1995
59. Caldwell JE, Lau M, Fisher DM: Atracurium vs. vecuronium in asthmatics: a blinded randomized comparison. *Anesthesiology* 83:986-989, 1995
60. Markakis DA, Hart PS, Lau M, Brown R, Fisher DM: Does age or pseudocholinesterase activity predict mivacurium infusion rate in children? *Anesth Analg* 82:39-43, 1995
61. Shangraw RE, Fisher DM: Pharmacokinetics of dichloroacetate in patients undergoing liver transplantation. *Anesthesiology* 84: 851-858, 1996
62. Reynolds LM, Lau M, Brown R, Fisher DM: Intramuscular rocuronium in infants and children: Dose ranging and tracheal intubating conditions. *Anesthesiology* 85:231-239, 1996 (accompanied by an editorial)
63. Lee GC, Iyengar S, Szenohradszky J, Caldwell JE, Wright PMC, Brown R, Lau M, Luks A, Fisher DM: Optimizing design of neuromuscular studies: Stabilization period and tetanic recruitment. *Anesthesiology* 86:48-54, 1997
64. Fisher DM, Szenohradzky J, Wright PMC, Lau M, Brown R, Sharma M: Pharmacodynamic modeling of vecuronium-induced twitch depression: Rapid plasma-effect site equilibration explains faster onset at resistant laryngeal muscles than at the adductor pollicis. *Anesthesiology* 86:558-566, 1997
65. Fisher DM, Wright PMC: Are plasma concentration values necessary for pharmacodynamic modeling of muscle relaxants? *Anesthesiology* 86:567-575, 1997
66. Viele MK, Weiskopf RB, Fisher DM: Renal effects and pharmacokinetics of recombinant human hemoglobin in humans. *Anesthesiology* 86:848-858, 1997
67. Fisher DM, Ramsay MAE, Hein HAT, Marcel RJ, Sharma M, Ramsay KJ, Miller RD: Pharmacokinetics of rocuronium during the three stages of liver transplantation. *Anesthesiology* 86:1306-1316, 1997
68. Birmingham PK, Tobin MJ, Henthorn TK, Fisher DM, Berkelhamer MC, Smith FA, Fanta KB, Coté CJ: Twenty-four hour pharmacokinetics of rectal acetaminophen in children: An old drug with new recommendations. *Anesthesiology* 87:244-252, 1997
69. Reynolds LM, Lau M, Brown R, Luks A, Sharma M, Fisher DM: Bioavailability of intramuscular rocuronium in infants and children. *Anesthesiology* 87:1096-1105, 1997
70. Talke P, Richardson CA, Scheinin M, Fisher DM: Postoperative pharmacokinetics and sympatholytic effects of dexmedetomidine. *Anesth Analg* 85:1136-1142, 1997

71. Luks AM, Zwass MS, Brown RC, Lau M, Chari G, Fisher DM: Opioid-induced analgesia in neonatal dogs: Pharmacodynamic differences between morphine and fentanyl. *J Pharmacol Exp Ther* 284:136-141, 1998
72. Weiskopf RB, Viele MK, Feiner J, Kelley S, Lieberman J, Noorani M, Leung JM, Fisher DM, Murray WR, Toy P, Moore MA: Human cardiovascular and metabolic response to acute, severe isovolemic anemia. *JAMA* 279:217-221, 1998
73. Markakis DM, Lau M, Brown R, Luks AM, Sharma ML, Fisher DM: The pharmacokinetics and steady state pharmacodynamics of mivacurium in children. *Anesthesiology* 88:978-983, 1998
74. Wright PMC, Fisher DM: Can bioavailability be estimated with an unpaired, sparse sampling design? *Clin Pharmacol Ther* 63:437-443, 1998
75. Wright PMC, Brown R, Lau M, Fisher DM: A pharmacodynamic explanation for the rapid onset/offset of ORG9487. *Anesthesiology* 90:16-23, 1999
76. Szenohradszky J, Caldwell LE, Wright PMC, Brown R, Lau M, Luks A, Fisher DM: Influence of renal failure on the pharmacokinetics and neuromuscular effects of a single dose of ORG9487. *Anesthesiology* 90:24-35, 1999
77. Fisher DM, Kahwaji R, Bevan D, Bikhazi G, Fragen RJ, Angst MS, Ornstein E, Matteo RS: Factors affecting the pharmacokinetic characteristics of rapacuronium. *Anesthesiology* 90:993-1000, 1999
78. Romson JL, Leung JM, Bellows WH, Bronstein M, Keith F, Moore W, Flachsbar K, Richter R, Pastor D, Fisher DM: Effects of dobutamine on hemodynamics and left ventricular performance in cardiac surgical patients. *Anesthesiology* 91:1318, 1999
79. Shangraw RE, Fisher DM. Pharmacokinetics and pharmacodynamics of dichloroacetate in healthy volunteers and in patients with cirrhosis. *Clin Pharm Ther* 66:380, 1999
80. Reynolds LM, Infosino A, Brown R, Hsu J, Fisher DM: Intramuscular rapacuronium in infants and children: Dose-ranging and tracheal intubating conditions. *Anesthesiology* 92:376-86, 2000
81. Fisher DM, Reynolds KS, Schmith VD, Hsu J, Sokoll MD, Lennon RL, Caldwell JE: Influence of renal function on the pharmacokinetics and pharmacodynamics and simulated time course of doxacurium. *Anesth Analg* 89:786-95, 1999
82. Szenohradszky J, Fogarty D, Kirkegaard-Nielsen H, Brown R, Sharma ML, Fisher DM: The effect of edrophonium and neostigmine on the pharmacokinetics of mivacurium. *Anesthesiology* 92:708-14, 2000
83. Reynolds LM, Infosino A, Brown R, Hsu J, Fisher DM: Pharmacokinetics of rapacuronium in infants and children with intravenous and intramuscular administration. *Anesthesiology* 92:376-86, 2000
84. Fisher DM, Dempsey GA, Atherton DPL, Brown R, Abengochea A, Hunter J: Effect of renal failure and cirrhosis on the pharmacokinetics and neuromuscular effects of rapacuronium administered by bolus followed by infusion, *Anesthesiology* 93:1384-1391, 2000

85. Viby-Mogensen J, Østergaard D, Donati F, Fisher D, Hunter J, Kampmann JP, Kopman A, Proost JH, Rasmussen SN, Skovgaard LT, Varin F, Wright PMC: Pharmacokinetic studies of neuromuscular blocking agents: Good Clinical Research Practice (GCRP). *Acta Anaesthesiol Scand* 44:1169-1190, 2000
86. Adams MR, Fisher DM, Dumont LJ, Dzik WH, Heaton WA. Detecting failed WBC-reduction processes: computer simulations of intermittent and continuous process failure. *Transfusion* 40:1427-33, 2000
87. Birmingham PK, Tobin MJ, Fisher DM, Henthorn TK, Hall SC, Coté CJ. Initial and subsequent dosing of rectal acetaminophen in children: A 24-hour pharmacokinetic study of new dose recommendations. *Anesthesiology* 94:385-389, 2001
88. Eger EI, Fisher DM, Dilger JP, Sonner JM, Evers A, Franks NP, Harris A, Kendig J, Lieb WR, Yamakura T. Relevant concentrations of inhaled anesthetics for in vitro studies of anesthetic mechanisms. *Anesthesiology* 94:915-22, 2001
89. Paul M, Fisher DM. Are Estimates of MAC Reliable? *Anesthesiology* 95:1062-70, 2001
90. Paul M, Fisher DM. Pharmacodynamic Modeling of Muscle Relaxants: Effect of Design Issues on Results. *Anesthesiology* 96:711-7, 2002
91. Fisher DM, Kellett N, Lenhardt R. Pharmacokinetics of an implanted osmotic pump delivering sufentanil for the treatment of chronic pain. *Anesthesiology* 99:929-37, 2003
92. Reynolds L, Rauck R, Webster L, DuPen S, Heinze E, Portenoy R, Katz N, Charapata S, Wallace M, Fisher DM. Relative analgesic potency of fentanyl and sufentanil during intermediate-term infusions in patients after long-term opioid treatment for chronic pain. *Pain*. 110:182-8, 2004
93. Foss JF, Fisher DM, Schmith VD. Pharmacokinetics of alvimopan and its metabolite in healthy volunteers and patients in postoperative ileus trials. *Clin Pharmacol Ther* 83:770-6, 2008
94. Rajaratnam SMW, Polymeropoulos MH, Fisher DM, Roth T, Scott C, Birznieks G, Klerman EB. Melatonin agonist tasimelteon (VEC-162) for transient insomnia after sleep-time shift: two randomised controlled multicentre trials. *Lancet* 373:482-91, 2009
95. Burmeister Getz E, Fisher DM, Fuller R. Human pharmacokinetics/pharmacodynamics of an interleukin-4 and interleukin-13 dual antagonist in asthma. *J Clin Pharmacol* 49:1025-36, 2009
96. Lockley SW, Dressman MA, Licamele L, Xiao C, Fisher DM, Flynn-Evans EE, Hull JT, Torres R, Lavedan C, Polymeropoulos MH. Tasimelteon for non-24-hour sleep-wake disorder in totally blind people (SET and RESET): two multicentre, randomised, double-masked, placebo-controlled phase 3 trials. *Lancet*. 386:1754-6; 2015
97. Fisher D, Kramer W, Burmeister-Getz E. Evaluation of a Scenario in Which Estimates of Bioequivalence Are Biased and a Proposed Solution: $t_{last}(Common)$. *J Clin Pharmacol* in press

EDITORIALS

1. Fisher DM: Sedation of pediatric patients: An anesthesiologist's perspective. *Radiology* 175:613-615, 1990
2. Cauldwell CB, Fisher DM: Sedating pediatric patients: Is propofol a panacea? *Radiology* 186:9-10, 1993
3. Fisher DM: Propofol in pediatrics: Lessons in pharmacokinetic modeling. *Anesthesiology* 80:2-5, 1994
4. Fisher DM: Surrogate end points: Are they meaningful? *Anesthesiology* 81:795-796, 1994
5. Fisher DM: When is the ex-premature infant no longer at risk for apnea? *Anesthesiology* 82:807-808, 1995
6. Fisher DM: Does N₂O cause vomiting? *Anesth Analg* 83:4-5, 1996
7. Fisher DM: (Almost) everything you learned about pharmacokinetics was (somewhat) wrong! *Anesth Analg* 83:901-903, 1996
8. Fisher DM, Macario A: Economics of anesthesia care: A call to arms! *Anesthesiology* 86:1018, 1997
9. Fisher DM: The "Big Little Problem" of Postoperative Nausea and Vomiting: Do We Know the Answer Yet? *Anesthesiology* 87:1271-1273, 1997
10. Fisher DM: Surrogate outcomes: Meaningful not! *Anesthesiology* 90:355-356, 1999
11. Fisher DM. The direct search procedure: a new approach to evaluating clinical regimens. *Anesthesiology* 92:301-3, 2000
12. Fisher DM. Do the Right Thing (or Do the Market Exclusivity Thing?) *Anesthesiology* 105:1074-5, 2006
13. Fisher DM. What if Half of Your Patients Moved (or Remembered or Did Something Else Bad) at Incision? *Anesthesiology* 107:1-2, 2007
14. Fisher DM. Take It To The Limit (One More Time). *Anesthesiology* 107:367-8, 2007
15. Fisher DM, Eisenach J. Science Marches Forward: A New Tool to Study the Progress of Labor. *Anesthesiology*, 111:936-7, 2009
16. Fisher DM, Shafer SL. Walk a mile in my shoes. *Anesth Analg* 111:264-5, 2010.

BOOK CHAPTERS, REVIEWS, MONOGRAPHS, CONFERENCE PROCEEDINGS

1. Fisher DM: Anesthesia equipment for pediatrics. *Pediatric Anesthesia*. Edited by Gregory GA. New York, Churchill Livingstone, 1983, pp 347-380
2. Fisher DM: Statistics in anesthesia. *Anesthesia*, 2nd edition. Edited by Miller RD. New York, Churchill Livingstone, 1986, pp 185-221
3. Fisher DM: Sedation of children for procedures. *Pharm Ther Forum* 33, No. 5 September/October 1985

4. Fisher DM: The use of muscle relaxants in children. 37th Annual Refresher Course Lectures and Clinical Update Program. American Society of Anesthesiologists, 1986, 256:1-7
5. Fisher DM: Anesthetic techniques for neurosurgical treatment of vascular malformations in children. Cerebral Vascular Disease in Children and Adolescents. Edited by Edwards MSB, Hoffman HJ. Baltimore, Williams and Wilkins, 1989, pp 159-177
6. Fisher DM: IV Drugs in Pediatric Anesthesia — Non-Narcotics. 38th Annual Refresher Course Lectures and Clinical Update Program. American Society of Anesthesiologists, 1987, 162A:1-4
7. Fisher DM: Anesthesia equipment for pediatrics. Pediatric Anesthesia, 2nd edition. Edited by Gregory GA. New York, Churchill Livingstone, 1989, pp 437-475
8. Fisher DM: Should succinylcholine continue to be used routinely in pediatric anesthesia? Problems in Anesthesia, Edited by Rupp SM. Lippincott, 3:394-404, 1989
9. Fisher DM: Administration of muscle relaxants and narcotics to infants and children. 40th Annual Refresher Course Lectures and Clinical Update Program. American Society of Anesthesiologists, 1989, 175:1-7
10. Fisher DM: Statistics in anesthesia. Anesthesia, 3rd edition. Edited by Miller RD. New York, Churchill Livingstone, 1990, pp 685-712
11. Fisher DM: Administration of narcotics and muscle relaxants to children. ASA Refresher Courses in Anesthesiology. 18:163-174, 1990
12. Fisher DM: Muscle Relaxants. Dripps Introduction to Anesthesia, 8th edition. Edited by Longnecker DE, Murphy FL. Philadelphia, Saunders, 1991, pp 110-124
13. Fisher DM: Anesthesia equipment for pediatrics. Pediatric Anesthesia, Third Edition. Edited by Gregory GA. New York, Churchill Livingstone, 1994, pp 197-225
14. Fisher DM: Statistics in anesthesia. Anesthesia, 4nd edition. Edited by Miller RD. New York, Churchill Livingstone, 1994, pp 755-788
15. Cauldwell C, Fisher DM: Ambulatory anesthetic and sedative techniques for children. Oral and Maxillofacial Surgery Clinics of North America. Edited by Kaban L. Philadelphia, W.B. Saunders, Chapter 13, pp 1-11
16. Fisher DM: Muscle relaxants. Dripps Introduction to Anesthesia, Ninth edition. Edited by Longnecker DE, Murphy FL. Philadelphia, Saunders, 1997, pp 110-123
17. Fisher DM: Pharmacokinetics of muscle relaxants in children. Muscle Relaxants: Physiologic and pharmacologic aspects. Edited by Fukushima K, Ochiai R. Tokyo, Springer, 1995, pp 219-223
18. Fisher DM: Muscle relaxants in pediatric anesthesia. American Journal of Anesthesiology XXIII:163-168, 1996
19. Fisher DM: Research design and statistics in anesthesia. Anesthesia, 5nd edition. Edited by Miller RD. New York, Churchill Livingstone, 2000, pp 753-792

20. Fisher DM: How do we obtain outcome data: randomized clinical trials vs. observational databases? Outcome Measurements in Cardiovascular Medicine, Monograph of the 1998 Annual Meeting of the Society of Cardiovascular Anesthesia. Lippincott Williams Wilkins, 1999, pp 23-37
21. Fisher DM: Neuromuscular blocking agents in paediatric anaesthesia. *Br J Anaesth* 83:58-64, 1999
22. Fisher DM: When does the infant mature pharmacologically? Anesthesia for the New Millenium, Modern Anesthetic Clinical Pharmacology. Edited by Stanley TH, Egan TD. Dordrecht, Kluwer Academic Publishers, 1999, pp 49-54
23. Fisher DM: Is pharmacokinetics relevant? Anesthesia for the New Millenium, Modern Anesthetic Clinical Pharmacology. Edited by Stanley TH, Egan TD. Dordrecht, Kluwer Academic Publishers, 1999, pp 63-70
24. Fisher DM: New insights into muscle relaxants. Anesthesia for the New Millenium, Modern Anesthetic Clinical Pharmacology. Edited by Stanley TH, Egan TD. Dordrecht, Kluwer Academic Publishers, 1999, pp 233-240
25. Fisher DM. Neuromuscular blocking agents in paediatric anaesthesia. *Br J Anaesth* 83:58-64, 1999
26. Fisher DM. Clinical pharmacology of neuromuscular blocking agents. *Am J Health Syst Pharm* 56:S4-9,1999
27. Fisher DM: Anesthesia equipment for pediatrics. Pediatric Anesthesia, Fourth Edition. Edited by Gregory GA. New York, Churchill Livingstone, 2002, pp 191-216

LETTERS TO THE EDITOR

1. Fisher DM, Robinson S, Gregory GA: Additional causes of postoperative respiratory complications in premature infants. *Anesthesiology* 57:428-429, 1982
2. Fisher DM: Are the pharmacokinetics of alfentanil really predictable? *Anesthesiology* 59:256-257, 1983
3. Robinson S, Fisher DM: Safety check for the CPRAM circuit. *Anesthesiology* 59:488-489, 1983
4. Cronnelly R, Fisher DM, Miller RD: Reply to: More about the pharmacokinetics of vecuronium and pancuronium. *Anesthesiology* 60:509-510, 1984
5. Fisher DM, Canfell C, Miller RD: Stability of atracurium administered by infusion. *Anesthesiology* 61:347-348, 1984
6. Glaser R, Fisher DM: Respiratory monitoring for children undergoing radiation therapy. *Anesthesiology* 63:123-124,1985
7. Fisher DM, Sheiner LB: Reply to: The value for organ-related clearance of atracurium: An over calculation. *Anesthesiology* 66:103-104, 1987
8. Fisher DM: Reply to: Elimination of atracurium in humans. *Anesthesiology* 66:96, 1987
9. Henderson JM, Fisher DM: Intranasal sufentanil. *Can J Anaesthesia* 37:387, 1990

10. Fisher DM, Litt L, Coté C: Use of oximetry during MR imaging of pediatric patients. *Radiology* 178:891-892, 1991
11. Fisher DM, Zwass MS: Reply to: The educated hand. *Anesthesiology* 76:1063, 1992
12. Fisher DM, Zwass MS: Chloral hydrate administration to children. *Anesth Analg* 76:668-669, 1993
13. Fisher DM: Pharmacokinetic/pharmacodynamic modeling of atracurium. *Br J Anaesth* 70:110-112, 1993
14. Fisher DM, Hale V: Pharmacokinetic modeling of mivacurium. *Br J Anaesth* 71:328, 1993
15. Fisher DM: Reply to: Right, wrong, and surrogate endpoints. *Anesthesiology* 82:1085, 1995
16. Fisher DM, Szenohradzky J, Hart PS: Reply to: Antagonism of residual neuromuscular blockade: Setting the record straight. *Anesthesiology* 84:1527-1528, 1996
17. Reynolds LM, Fisher DM: Reply to: Intramuscular rocuronium. *Anesthesiology* 86:506-507, 1997
18. Fisher DM. Reply to: Criticism of Hartung's analysis. *Anesth Analg* 84:1169, 1997
19. Fisher DM, Brown R. Reply to: Improving the design of muscle relaxant studies. *Anesthesiology* 87:460, 1997
20. Fisher DM, Birmingham PK, Coté CJ. Reply to: Rectal acetaminophen pharmacokinetics. *Anesthesiology* 88:1132, 1998
21. Fisher DM, Kelley SD. Glib dismissal of concerns about saving. *Anesthesiology* 89:269-70, 1998
22. Fisher DM, Wright PMC: Reply to: Kopman A: The onset/offset profiles of rapacurium and succinylcholine are not identical. Proost JH: The rapid onset/offset of rapacurium bromide explained? *Anesthesiology* 91:1555-6, 1999
23. Fisher DM. Statistical clarification. *Anesth Analg* 92:1073, 2001
24. Eger EI II, Sonner JM, Dilger JP, Fisher DM, Evers A, Franks NP, Harris RA, Kendig JJ, Lieb WR, Yamakura T. Reply to two letters: Seeking an integrated model of anesthetic action; What are "relevant" anesthetic concentrations? *Anesthesiology* 95:1538-9, 2001
25. Fisher DM. Extrapolating beyond the data. *Anesthesiology* 96:515-6, 2002
26. Sonner J, Fisher DM. Do sevoflurane and desflurane differ in upper airway reactivity? *Anesthesiology* 96:1274-5, 2002
27. Fisher DM, Shafer SL. When the Model Does Not Fit the Data, the Model Is Wrong. *Anesthesiology* 110:947, 2009
28. Fisher DM. "Big data" has not come to pediatric anesthesia. *Anesthesiology* 121:204, 2014

MISCELLANEOUS

1. Dailey PA, Fisher DM, Shnider SM, Baysinger CL, Shinohara Y, Miller RD, Abboud TK, Kim KC: Pharmacokinetics, placental transfer and neonatal effects of vecuronium and pancuronium administered during cesarean delivery. *Clinical Experiences with Norcuron® (Org NC45, Vecuronium Bromide)*. Symposium Geneva 21-22 April 1983. Edited by Agoston S, Bowman WC, Miller RD, Viby-Mogensen J. Amsterdam, Excerpta Medica, 1983, pp 175-179
2. Fisher DM: Sedation of children for procedures. *Saudi Bulletin of Ophthalmology* 2:27-32, 1987
3. Fisher DM: Ask the Experts: How much fentanyl should we give to provide anesthesia for a neonate undergoing surgery? *Newsletter of the Society for Pediatric Anesthesia*, 2(2):3,6, 1989
4. Fisher DM: Highlight for "Computer-controlled infusion of alfentanil for postoperative analgesia: A pharmacokinetic and pharmacodynamic evaluation. van den Nieuwenhuyzen *et al.*" *Anesthesiology* 79:27A, 1993
5. Fisher DM: Highlight for "Comparison of cuffed and uncuffed tracheal tubes in young children during general anesthesia. Khine *et al.*" *Anesthesiology* 86:27A, 1997
6. Braeckman R, Fisher D, Holford N; Pockros P, Murphy B. Pharmacokinetic/ Pharmacodynamic (PKPD) Modeling of Hemoglobin (Hgb) in a Phase 3 Study With Taribavirin and Ribavirin in Therapy-Naive HCV Patients. *Digestive Disease Week (DDW) 2007*, May 21, Washington DC, Abstract #M1811