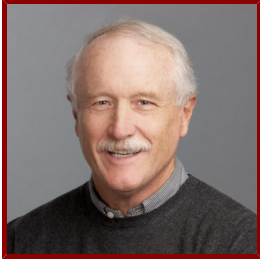


Stanford



Frederick Mihm, M.D.

Professor of Anesthesiology, Perioperative and Pain Medicine (ICU) at the Stanford University Medical Center

CLINICAL OFFICES

- **Anesthesia**

300 Pasteur Dr Rm H3580

MC 5640

Stanford, CA 94305

Tel (650) 723-5439

Fax (650) 725-0724

Bio

CLINICAL FOCUS

- Anesthesia
- Critical Care Medicine
- Pheochromocytoma

ACADEMIC APPOINTMENTS

- Professor - Med Center Line, Anesthesiology, Perioperative and Pain Medicine

ADMINISTRATIVE APPOINTMENTS

- Associate Medical Director, Intensive Care Units, Stanford University Medical Center, (1979-2005)
- Co-Director, Intensive Care Units, Stanford University Medical Center, (2005- present)
- Anesthesia CCM fellowship Program Director, Stanford University Medical Center, (2005- present)
- Chief, Division of CCM, Dept of Anesthesiology, Perioperative and Pain Medicine, (2005-2012)
- Chief, Division of CCM, Dept of Anesthesiology, Perioperative and Pain Medicine, (2015- present)

PROFESSIONAL EDUCATION

- Medical Education: Saint Louis University School of Medicine (1974) MO
- Internship: USC/LAC Medical Center (1975) CA
- Residency: UCI Medical Center (1976) CA
- Residency: Stanford University Medical Center (1978) CA
- Fellowship: Stanford University Medical Center (1979) CA
- Fellowship: Massachusetts General Hospital (1979) MA
- Board Certification: Anesthesia, American Board of Anesthesiology (1981)
- Board Certification: Critical Care Medicine, American Board of Anesthesiology (1987)

COMMUNITY AND INTERNATIONAL WORK

- Anesthesia for Exotic Animal Species
- Overseas Medical Outreach

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Mihm's two areas of research interest involve cardiorespiratory monitoring techniques and applications and the perioperative management of patients with pheochromocytoma.

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Critical Care Medicine (Fellowship Program)

Publications

PUBLICATIONS

- **Malignant Pheochromocytoma Presenting as Incapacitating Bony Pain** *PAIN PRACTICE*
Tan, M., Camargo, C. A., Mojtahed, A., Mihm, F.
2012; 12 (4): 286-289
- **The Effects of Respiratory Failure on Delivery in Pregnant Patients With H1N1 2009 Influenza** *OBSTETRICS AND GYNECOLOGY*
Jafari, A., Langen, E. S., Aziz, N., Blumenfeld, Y. J., Mihm, F., Druzin, M. L.
2010; 115 (5): 1033-1035
- **Catecholamine-Secreting Paragangliomas: Recent Progress in Diagnosis and Perioperative Management** *SKULL BASE-AN INTERDISCIPLINARY APPROACH*
Colen, T. Y., Mihm, F. G., Mason, T. P., Roberson, J. B.
2009; 19 (6): 377-385
- **Unexpected findings during the anesthetic management of a patient with a cardiac paraganglioma** *JOURNAL OF CARDIOTHORACIC AND VASCULAR ANESTHESIA*
Soran, P. D., Akram, S., Mihm, F., Fleischmann, D., Reitz, B., van der Starre, P.
2008; 22 (4): 570-572
- **Blood pressure control with fenoldopam during excision of a pheochromocytoma** *ANESTHESIOLOGY*
Cooper, Z. A., Mihm, F. G.
1999; 91 (2): 558-560
- **Pheochromocytoma: decreased perioperative mortality** *Anesthesiology Clinics of North America*
Mihm, F.
1998; 16 (3): 645-62
- **SHORT-ACTING BETA-ADRENERGIC-BLOCKADE AS INITIAL-DRUG THERAPY IN PHEOCHROMOCYTOMA** *CRITICAL CARE MEDICINE*
Mihm, F. G., Sandhu, J. S., Brown, M. D., Rosenthal, M. H.
1990; 18 (6): 673-674
- **PULSE OXIMETRY AND END-TIDAL CO2 MONITORING OF AN ADULT ASIAN ELEPHANT** *JOURNAL OF ZOO ANIMAL MEDICINE*
Mihm, F. G., MACHADO, C., Snyder, R.
1988; 19 (3): 106-109
- **Anesthetic management of a parturient with VACTERL association undergoing Cesarean delivery** *CANADIAN JOURNAL OF ANESTHESIA-JOURNAL CANADIEN D ANESTHESIE*
Hilton, G., Mihm, F., Butwick, A.

2013; 60 (6): 570-576

- **Propofol infusion syndrome resuscitation with extracorporeal life support: a case report and review of the literature.** *Annals of intensive care*

Mayette, M., Gonda, J., Hsu, J. L., Mihm, F. G.

2013; 3 (1): 32-?

- **Questioning Diuretic Use in Acute Negative-pressure Pulmonary Edema** *ANESTHESIOLOGY*

Maxwell, B. G., Mihm, F. G.

2011; 114 (2): 461-461

- **Ultrasound-Guided Internal Jugular Vein Cannulation** *NEW ENGLAND JOURNAL OF MEDICINE*

Maslove, D., Mihm, F.

2010; 363 (8): 796-796

- **Combined endovascular and open operative approach for mycotic carotid aneurysm** *JOURNAL OF VASCULAR SURGERY*

Tsai, T. C., Barot, N., Dalman, R., Mihm, F.

2010; 51 (6): 1514-1516

- **A Hemodynamic Profile for Consciousness During Cardiopulmonary Resuscitation** *ANESTHESIA AND ANALGESIA*

Tobin, J. M., Mihm, F. G.

2009; 109 (5): 1598-1599

- **Determination of the site of tracheal tube impingement during nasotracheal fiberoptic intubation** *Euroanaesthesia 2004 Meeting*

Marfin, A. G., Iqbal, R., Mihm, F., Popat, M. T., Scott, S. H., Pandit, J. J.

WILEY-BLACKWELL PUBLISHING, INC.2006: 646-50

- **Measurement of cardiac output by transpulmonary arterial thermodilution using a long radial artery catheter. A comparison with intermittent pulmonary artery thermodilution** *ANAESTHESIA*

Orme, R. M., Pigott, D. W., Mihm, F. G.

2004; 59 (6): 590-594

- **Laparoscopic management of bladder pheochromocytoma.** *Urology*

Kozlowski, P. M., Mihm, F., Winfield, H. N.

2001; 57 (2): 365-?

- **Continuous cardiac output catheters - Delay in in vitro response time after controlled flow changes** *ANESTHESIOLOGY*

ARANDA, M., Mihm, F. G., Garrett, S., Mihm, M. N., Pearl, R. G.

1998; 89 (6): 1592-1595

- **A multicenter evaluation of a new continuous cardiac output pulmonary artery catheter system** *CRITICAL CARE MEDICINE*

Mihm, F. G., Gettinger, A., Hanson, C. W., Gilbert, H. C., Stover, E. P., Vender, J. S., Beerle, B., Haddow, G.

1998; 26 (8): 1346-1350

- **Failure of steroid supplementation to prevent operative hypotension in a patient receiving chronic steroid therapy** *ANESTHESIA AND ANALGESIA*

Ratner, E. F., Allen, R., Mihm, F. G., BROCKUTNE, J. G.

1996; 82 (6): 1294-1296

- **RECOVERY OF CARDIOPULMONARY REFLEXES IN MONKEYS UNDERGOING HEART-LUNG TRANSPLANTATION** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*

Mihm, F. G., POPOVIC, B. K., Noe, C., Hilberman, M., Reitz, B. A.

1989; 98 (4): 510-516

- **DIAGNOSIS OF A VENTRICULAR SEPTAL-DEFECT IN A GORILLA USING INVIVO OXIMETRY** *JOURNAL OF ZOO AND WILDLIFE MEDICINE*

MACHADO, C., Mihm, F. G., Noe, C.

1989; 20 (2): 199-202

- **EXTRA-ADRENAL PHEOCHROMOCYTOMA - AN UNUSUAL LOCATION** *JOURNAL OF PEDIATRIC SURGERY*

Hartman, G. E., Hintz, R., Northway, W., Mihm, F. G.

1988; 23 (11): 1045-1047

- **EFFECT OF HEPARINIZATION OF CATHETERS ON PULMONARY-ARTERY OXIMETRY** *JOURNAL OF CLINICAL MONITORING*

- STRITTER, G. M., Pearl, R. G., Mihm, F. G.
1988; 4 (3): 204-209
- **Endotoxemia in rats--influence of lipoxygenase blocker versus leukotriene receptor antagonist (BW755C vs LY171883).** *Progress in clinical and biological research*
Bahrami, S., Paul, E., Redl, H., Schlag, G., Mihm, F.
1988; 272: 283-292
 - **PULMONARY EFFECTS OF CRYSTALLOID AND COLLOID RESUSCITATION FROM HEMORRHAGIC-SHOCK IN THE PRESENCE OF OLEIC ACID-INDUCED PULMONARY CAPILLARY INJURY IN THE DOG** *ANESTHESIOLOGY*
Pearl, R. G., Halperin, B. D., Mihm, F. G., Rosenthal, M. H.
1988; 68 (1): 12-20
 - **RAPID ASSESSMENT OF VENTILATION BY MEASUREMENT OF CARBON-DIOXIDE ELIMINATION DURING HIGH-FREQUENCY VENTILATION OF KITTENS** *PEDIATRIC PULMONOLOGY*
Smith, D. W., Frankel, L. R., Walker, J. G., Cheng, E. Y., MEREDITH, K. S., Mihm, F. G., Ariagno, R. L.
1987; 3 (6): 406-412
 - **NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE IN ATELECTASIS** *CHEST*
Duncan, S. R., Negrin, R. S., Mihm, F. G., Guilleminault, C., Raffin, T. A.
1987; 92 (4): 621-624
 - **CARE OF THE ADULT PATIENT DURING TRANSPORT** *INTERNATIONAL ANESTHESIOLOGY CLINICS*
Pearl, R. G., Mihm, F. G., Rosenthal, M. H.
1987; 25 (2): 43-75
 - **LEUKOTRIENE-D4 INCREASES EXTRAVASCULAR LUNG WATER IN THE DOG** *CIRCULATORY SHOCK*
Shapiro, J. M., Mihm, F. G., Trudell, J. R., Stevens, J. H., Feeley, T. W.
1987; 21 (2): 121-128
 - **Effect of the nonsteroidal antiinflammatory agent BW755C in rat and sheep endotoxemia.** *Progress in clinical and biological research*
Bahrami, S., Mihm, F., Thurnher, M., Vogl, C., Schiesser, A., Redl, H., Schlag, G.
1987; 236A: 347-359
 - **THERMAL DYE DOUBLE INDICATOR DILUTION MEASUREMENT OF LUNG WATER IN MAN - COMPARISON WITH GRAVIMETRIC MEASUREMENTS** *THORAX*
Mihm, F. G., Feeley, T. W., Jamieson, S. W.
1987; 42 (1): 72-76
 - **ANESTHESIA FOR HEART-TRANSPLANTATION - A RETROSPECTIVE STUDY AND REVIEW** *BRITISH JOURNAL OF ANAESTHESIA*
DEMAS, K., Wyner, J., Mihm, F. G., Samuels, S.
1986; 58 (12): 1357-1364
 - **THE EFFECTS OF PROSTAGLANDIN-E1 ON THE ADULT RESPIRATORY-DISTRESS SYNDROME IN SEPTIC PRIMATES** *AMERICAN REVIEW OF RESPIRATORY DISEASE*
BROCKMANN, D. C., Stevens, J. H., OHANLEY, P., Shapiro, J., Walker, C., Mihm, F. G., Collins, J. A., Raffin, T. A.
1986; 134 (5): 885-890
 - **THE THERMAL-DYE METHOD OF LUNG WATER MEASUREMENT IS RELIABLE AT A LOW CARDIAC-OUTPUT** *JOURNAL OF SURGICAL RESEARCH*
Calcagni, D. E., Mihm, F. G., Feeley, T. W., Halperin, B. D., Rosenthal, M. H.
1986; 41 (3): 286-292
 - **EFFECTS OF ANTI-C5A ANTIBODIES ON THE ADULT RESPIRATORY-DISTRESS SYNDROME IN SEPTIC PRIMATES** *JOURNAL OF CLINICAL INVESTIGATION*
Stevens, J. H., OHANLEY, P., Shapiro, J. M., Mihm, F. G., Satoh, P. S., Collins, J. A., Raffin, T. A.
1986; 77 (6): 1812-1816
 - **HYPOTHERMIC PRESERVATION OF THE HEART AND LUNGS WITH COLLINS SOLUTION - EFFECT ON CARDIORESPIRATORY FUNCTION FOLLOWING HEART-LUNG ALLOTRANSPLANTATION IN DOGS** *ANNALS OF THORACIC SURGERY*
Feeley, T. W., Mihm, F. G., DOWNING, T. P., Sadeghi, A. M., Baumgartner, W. A., Reitz, B. A., Shumway, N. E.

1986; 41 (3): 301-306

- **OBSTRUCTIVE SLEEP-APNEA AND CARDIAC INDEX** *CHEST*
Guilleminault, C., Motta, J., Mihm, F., Melvin, K.
1986; 89 (3): 331-334
- **LEUKOTRIENES IN PULMONARY-EDEMA FLUID AFTER CARDIOPULMONARY BYPASS** *ANESTHESIA AND ANALGESIA*
SWERDLOW, B. N., Mihm, F. G., Goetzl, E. J., Matthay, M. A.
1986; 65 (3): 306-308
- **AN INTEGRATED CIRCUIT-BASED OPTICAL SENSOR FOR INVIVO MEASUREMENT OF BLOOD OXYGENATION** *IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING*
SCHMITT, J. M., Meindl, J. D., Mihm, F. G.
1986; 33 (2): 98-107
- **NEW METHODS FOR WHOLE-BLOOD OXIMETRY** *ANNALS OF BIOMEDICAL ENGINEERING*
SCHMITT, J. M., Mihm, F. G., Meindl, J. D.
1986; 14 (1): 35-52
- **NONINVASIVE DETECTION OF PROFOUND ARTERIAL DESATURATIONS USING A PULSE OXIMETRY DEVICE** *ANESTHESIOLOGY*
Mihm, F. G., Halperin, B. D.
1985; 62 (1): 85-87
- **PROSTAGLANDIN E-1 DOES NOT PREVENT THE ADULT RESPIRATORY-DISTRESS SYNDROME IN SEPTIC PRIMATES**
BROCKMANN, D. C., Stevens, J. H., OHANLEY, P., Walker, C., Shapiro, J., Mihm, F. G., Collins, J. A., Raffin, T. A.
AMER COLL CHEST PHYSICIANS.1985: S19-S19
- **EFFECTS OF ANTI-C5A ANTIBODIES ON THE ADULT RESPIRATORY-DISTRESS SYNDROME IN SEPTIC PRIMATES**
Stevens, J. H., OHANLEY, P., Shapiro, J., Mihm, F. G., Satoh, P. S., Collins, J. A., Raffin, T. A.
SLACK INC.1985: A473-A473
- **FAILURE OF THE COLLOID ONCOTIC-PULMONARY ARTERY WEDGE PRESSURE-GRADIENT TO PREDICT CHANGES IN EXTRAVASCULAR LUNG WATER** *CRITICAL CARE MEDICINE*
Feeley, T. W., Mihm, F. G., Halperin, B. D., Rosenthal, M. H.
1985; 13 (12): 1025-1028
- **THE EFFECT OF HYPOTHERMIC PRESERVATION OF THE HEART AND LUNGS ON CARDIORESPIRATORY FUNCTION FOLLOWING CANINE HEART-LUNG TRANSPLANTATION** *ANNALS OF THORACIC SURGERY*
Feeley, T. W., Mihm, F. G., DOWNING, T. P., Sadeghi, A. M., Baumgartner, W. A., Reitz, B. A., Shumway, N. E.
1985; 39 (6): 558-562
- **THERMODILUTION CARDIAC-OUTPUT MEASUREMENT - EFFECTS OF THE RESPIRATORY CYCLE ON ITS REPRODUCIBILITY** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
Stevens, J. H., Raffin, T. A., Mihm, F. G., Rosenthal, M. H., STETZ, C. W.
1985; 253 (15): 2240-2242
- **EVALUATION OF THE PORTABLE CHEST ROENTGENOGRAM FOR QUANTITATING EXTRAVASCULAR LUNG WATER IN CRITICALLY ILL ADULTS** *CHEST*
Halperin, B. D., Feeley, T. W., Mihm, F. G., Chiles, C., GUTHANER, D. F., BLANK, N. E.
1985; 88 (5): 649-652
- **INHIBITION OF THROMBUS FORMATION ON INTRAVASCULAR SENSORS BY ELECTRICAL-POLARIZATION** *JOURNAL OF BIOMEDICAL MATERIALS RESEARCH*
SCHMITT, J. M., Baer, M., Meindl, J. D., Anderson, M. F., Mihm, F. G.
1984; 18 (7): 797-807
- **LUNG WATER FOLLOWING RESUSCITATION WITH COLLOID AND CRYSTALLOID SOLUTIONS**
Halperin, B. D., Pearl, R. G., Rosenthal, M. H., ASHTON, J. P., Mihm, F. G., Feeley, T. W.
WILLIAMS & WILKINS.1984: 226-26
- **ACUTE PHYSIOLOGICAL-CHANGES FOLLOWING HEART-LUNG ALLOTRANSPLANTATION IN DOGS** *ANNALS OF THORACIC SURGERY*

- DOWNING, T. P., Sadeghi, A. M., Baumgartner, W. A., Reitz, B. A., Brackup, A., Feeley, T., Mihm, F., Shumway, N. E.
1984; 37 (6): 479-483
- **MONITORING END-TIDAL CARBON-DIOXIDE TENSIONS WITH HIGH-FREQUENCY JET VENTILATION IN DOGS WITH NORMAL LUNGS** *CRITICAL CARE MEDICINE*
Mihm, F. G., Feeley, T. W., Rodarte, A.
1984; 12 (3): 180-182
 - **HYPERTENSION AFTER INTRAOPERATIVE AUTO-TRANSFUSION IN BILATERAL ADRENALECTOMY FOR PHEOCHROMOCYTOMA** *ANESTHESIOLOGY*
Smith, D. F., Mihm, F. G., MEFFORD, I.
1983; 58 (2): 182-184
 - **PULMONARY-ARTERY PRESSURE MONITORING IN PATIENTS WITH PHEOCHROMOCYTOMA** *ANESTHESIA AND ANALGESIA*
Mihm, F. G.
1983; 62 (12): 1129-1133
 - **PULMONARY-ARTERY CATHETERS - THE SHAKE-FLICK TEST** *ANESTHESIOLOGY*
Mihm, F. G., ASHTON, J. P.
1983; 59 (3): 262-263
 - **PROLONGED TOXICITY OF ORGANO-PHOSPHATE POISONING** *CRITICAL CARE MEDICINE*
Merrill, D. G., Mihm, F. G.
1982; 10 (8): 550-557
 - **EFFECT OF GRADED ADMINISTRATION OF PEEP ON LUNG WATER IN NON-CARDIOGENIC PULMONARY-EDEMA** *CRITICAL CARE MEDICINE*
SAUL, G. M., Feeley, T. W., Mihm, F. G.
1982; 10 (10): 667-669
 - **MEASUREMENT OF EXTRA-VASCULAR LUNG WATER IN DOGS USING THE THERMAL-GREEN DYE INDICATOR DILUTION METHOD** *ANESTHESIOLOGY*
Mihm, F. G., Feeley, T. W., Rosenthal, M. H., Lewis, F.
1982; 57 (2): 116-122
 - **CHRONIC ALVEOLAR HYPOVENTILATION SECONDARY TO MACROGLOSSIA IN THE BECKWITH-WIEDEMANN SYNDROME** *PEDIATRICS*
Smith, D. F., Mihm, F. G., Flynn, M.
1982; 70 (5): 695-697
 - **PHARMACOKINETICS OF HIGH-DOSE THIOPENTAL USED IN CEREBRAL RESUSCITATION** *ANESTHESIOLOGY*
Stanski, D. R., Mihm, F. G., Rosenthal, M. H., KALMAN, S. M.
1980; 53 (2): 169-171
 - **THE LACK OF EFFECT OF VARIABLE BLOOD WITHDRAWAL RATES ON THE MEASUREMENT OF MIXED VENOUS OXYGEN-SATURATION** *CHEST*
Mihm, F., Feeley, T. W., Rosenthal, M., Raffin, T. A.
1980; 78 (3): 452-455