

# Stanford

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## Pamela Flood

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

### CLINICAL OFFICES

- **Anesthesia Department**

300 Pasteur Dr Rm S238

Grant Bldg

Stanford, CA 94305

**Tel** (650) 723-6412

**Fax** (650) 725-8544

### ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

Steven Shafer - Professor

**Email** [steven.shafer@stanford.edu](mailto:steven.shafer@stanford.edu)

**Tel** 650-704-0558

### Bio

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#### BIO

Dr. Flood is a Professor at Stanford University who is fellowship trained in Pain Medicine and Obstetric Anesthesiology. She is a specialist in chronic pelvic pain that the role of multimodal treatment in chronic pain conditions. Her longstanding research interests relate to pain pharmacology and women's health.

#### CLINICAL FOCUS

- Anesthesia
- Pain Medicine
- Women's Health
- Obstetric Anesthesiology
- Pharmacology
- opioid weaning

#### ACADEMIC APPOINTMENTS

- Professor - Med Center Line, Anesthesiology, Perioperative and Pain Medicine
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Wu Tsai Neurosciences Institute

#### ADMINISTRATIVE APPOINTMENTS

- Professor of Anesthesiology, Perioperative and Pain Medicine, Stanford University, (2014- present)

#### PROFESSIONAL EDUCATION

- Board Certification: Anesthesia, American Board of Anesthesiology (1996)
- Fellowship: Columbia Presbyterian Pediatric Residency Program (1996) NY
- Board Certification: Pain Medicine, American Board of Anesthesiology (2016)
- Fellowship: Stanford Hospital and Clinics - Pain Mgmt (2016) CA

- Residency: New York Presbyterian Hospital (1994) NY
- Internship: New York Presbyterian Hospital (1991) NY
- Medical Education: Columbia Univ/Col Phys and Surg (1990)

## Research & Scholarship

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### CLINICAL TRIALS

- Genetic and Demographic Factors That Influence the Pain and Progress of Labor, Recruiting
- Prevention of Persistent Opioid Use in Mothers, Recruiting

## Publications

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### PUBLICATIONS

- **Impact of patient choice for different postcesarean delivery analgesic protocols on opioid consumption: a randomized prospective clinical trial.** *Regional anesthesia and pain medicine*  
Carvalho, B., Sutton, C. D., Kowalczyk, J. J., Flood, P. D.  
2019
- **Clinical Practice Guidelines for the Prevention and Management of Pain, Agitation/Sedation, Delirium, Immobility, and Sleep Disruption in Adult Patients in the ICU** *CRITICAL CARE MEDICINE*  
Devlin, J. W., Skrobik, Y., Gelinas, C., Needham, D. M., Slooter, A. C., Pandharipande, P. P., Watson, P. L., Weinhouse, G. L., Nunnally, M. E., Rochweg, B., Balas, M. C., van den Boogaard, M., Bosma, et al  
2018; 46 (9): E825–E873
- **Patient-Centered Prescription Opioid Tapering in Community Outpatients with Chronic Pain** *JAMA Internal Medicine*  
Darnall, B., Ziadni, M., Stieg, R., Mackey, I., Kao, M., Flood, P.  
2018; Feb 19
- **Recovery after Nulliparous Birth A Detailed Analysis of Pain Analgesia and Recovery of Function** *ANESTHESIOLOGY*  
Komatsu, R., Carvalho, B., Flood, P. D.  
2017; 127 (4): 684–94
- **Determinants of women's dissatisfaction with anaesthesia care in labour and delivery.** *Anaesthesia*  
Yurashevich, M., Carvalho, B., Butwick, A. J., Ando, K., Flood, P. D.  
2019
- **Women's health in Northwestern Syria: Findings from Healthy-Syria 2017 study.** *Avicenna journal of medicine*  
Terkawi, A. S., Bakri, B., Alsadek, A. S., Alsibae, R. H., Alasfar, E. M., Albakour, A. H., Aljouja, A. Y., Alshaikhwais, N. A., Fares, F. A., Flood, P. D., Jnaid, H., Najib, A. A., Saloom, et al  
2019; 9 (3): 94–106
- **Postpartum chronic pelvic pain and pelvic girdle pain.** *Minerva anesthesiologica*  
Komatsu, R., Ando, K., Flood, P. D.  
2019
- **Response to BotulinumtoxinA in a migraine cohort with multiple comorbidities and widespread pain.** *Regional anesthesia and pain medicine*  
Barad, M., Sturgeon, J. A., Fish, S., Dexter, F., Mackey, S., Flood, P. D.  
2019; 44 (6): 660–68
- **"My Surgical Success": Effect of a Digital Behavioral Pain Medicine Intervention on Time to Opioid Cessation After Breast Cancer Surgery-A Pilot Randomized Controlled Clinical Trial.** *Pain medicine (Malden, Mass.)*  
Darnall, B. D., Ziadni, M. S., Krishnamurthy, P., Flood, P., Heathcote, L., Mackey, I. G., Taub, C. J., Wheeler, A.  
2019
- **Impact of patient choice for different postcesarean delivery analgesic protocols on opioid consumption: a randomized prospective clinical trial** *REGIONAL ANESTHESIA AND PAIN MEDICINE*  
Carvalho, B., Sutton, C., Kowalczyk, J. J., Flood, P.

2019; 44 (5): 578–85

- **International Stakeholder Community of Pain Experts and Leaders Call for an Urgent Action on Forced Opioid Tapering** *PAIN MEDICINE*  
Darnall, B. D., Juurlink, D., Kerns, R. D., Mackey, S., Van Dorsten, B., Humphreys, K., Gonzalez-Sotomayor, J. A., Furlan, A., Gordon, A. J., Gordon, D. B., Hoffman, D. E., Katz, J., Kertesz, et al  
2019; 20 (3): 429–33
- **International Stakeholder Community of Pain Experts and Leaders Call for an Urgent Action on Forced Opioid Tapering.** *Pain medicine (Malden, Mass.)*  
Darnall, B. D., Juurlink, D., Kerns, R. D., Mackey, S., Van Dorsten, B., Humphreys, K., Gonzalez-Sotomayor, J. A., Furlan, A., Gordon, A. J., Gordon, D. B., Hoffman, D. E., Katz, J., Kertesz, et al  
2018
- **Aerobic Exercise Training and Inducible Inflammation: Results of a Randomized Controlled Trial in Healthy, Young Adults.** *Journal of the American Heart Association*  
Sloan, R. P., Shapiro, P. A., McKinley, P. S., Bartels, M., Shimbo, D., Lauriola, V., Karmally, W., Pavlicova, M., Choi, C. J., Choo, T., Scodes, J. M., Flood, P., Tracey, et al  
2018; 7 (17): e010201
- **Methodologic Innovation in Creating Clinical Practice Guidelines: Insights From the 2018 Society of Critical Care Medicine Pain, Agitation/Sedation, Delirium, Immobility, and Sleep Disruption Guideline Effort** *CRITICAL CARE MEDICINE*  
Devlin, J. W., Skrobik, Y., Rochweg, B., Nunnally, M. E., Needham, D. M., Gelinac, C., Pandharipande, P. P., Slooter, A. C., Watson, P. L., Weinhouse, G. L., Kho, M. E., Centofanti, J., Price, et al  
2018; 46 (9): 1457–63
- **Executive Summary: Clinical Practice Guidelines for the Prevention and Management of Pain, Agitation/Sedation, Delirium, Immobility, and Sleep Disruption in Adult Patients in the ICU** *CRITICAL CARE MEDICINE*  
Devlin, J. W., Skrobik, Y., Gelinac, C., Needham, D. M., Slooter, A. C., Pandharipande, P. P., Watson, P. L., Weinhouse, G. L., Nunnally, M. E., Rochweg, B., Balas, M. C., van den Boogaard, M., Bosma, et al  
2018; 46 (9): 1532–48
- **EFFICACY OF PATIENT CHOICE OF DIFFERENT POSTOPERATIVE ANALGESIC PROTOCOLS AFTER CESAREAN DELIVERY: A RANDOMIZED PROSPECTIVE CLINICAL TRIAL**  
Kowalczyk, J. J., Sutton, C. D., Flood, P., Carvalho, B.  
LIPPINCOTT WILLIAMS & WILKINS.2018: 412
- **Effect of Maternal Body Mass Index on Postpartum Hemorrhage.** *Anesthesiology*  
Butwick, A. J., Abreo, A., Bateman, B. T., Lee, H. C., El-Sayed, Y. Y., Stephansson, O., Flood, P.  
2018
- **Patient-Centered Prescription Opioid Tapering in Community Outpatients With Chronic Pain.** *JAMA internal medicine*  
Darnall, B. D., Ziadni, M. S., Stieg, R. L., Mackey, I. G., Kao, M. C., Flood, P.  
2018; 178 (5): 707–8
- **New Insights on Neuronal Nicotinic Acetylcholine Receptors as Targets for Pain and Inflammation: A Focus on alpha 7 nAChRs** *CURRENT NEUROPHARMACOLOGY*  
Bagdas, D., Gurun, M. S., Flood, P., Papke, R. L., Damaj, M.  
2018; 16 (4): 415–25
- **Patient choice compared with no choice of intrathecal morphine dose for caesarean analgesia: a randomized clinical trial.** *British journal of anaesthesia*  
Carvalho, B., Mirza, F., Flood, P.  
2017; 118 (5): 762-771
- **Inhibition Mediated by Glycinergic and GABAergic Receptors on Excitatory Neurons in Mouse Superficial Dorsal Horn Is Location-Specific but Modified by Inflammation.** *journal of neuroscience*  
Takazawa, T., Choudhury, P., Tong, C., Conway, C. M., Scherrer, G., Flood, P. D., Mukai, J., MacDermott, A. B.  
2017; 37 (9): 2336-2348
- **Patterns of Opioid Prescription and Use After Cesarean Delivery.** *Obstetrics and gynecology*  
Bateman, B. T., Cole, N. M., Maeda, A., Burns, S. M., Houle, T. T., Huybrechts, K. F., Clancy, C. R., Hopp, S. B., Ecker, J. L., Ende, H., Grewe, K., Raposo Corradini, B., Schoenfeld, et al  
2017; 130 (1): 29–35

- **No Pain Labor & Delivery: A Global Health Initiative's Impact on Clinical Outcomes in China** *ANESTHESIA AND ANALGESIA*  
Hu, L., Flood, P., Li, Y., Tao, W., Zhao, P., Xia, Y., Pian-Smith, M. C., Stellaccio, F. S., Ouanes, J. P., Hu, F., Wong, C. A.  
2016; 122 (6): 1931-1938
- **Does Ondansetron Modify Sympathectomy Due to Subarachnoid Anesthesia? Meta-analysis, Meta-regression, and Trial Sequential Analysis** *ANESTHESIOLOGY*  
Terkawi, A. S., Mavridis, D., Flood, P., Wetterslev, J., Terkawi, R. S., Bin Abdulhak, A. A., Nunemaker, M. S., Tiouririne, M.  
2016; 124 (4): 846-869
- **(527) An internet-based perioperative pain psychology treatment program: results of a randomized controlled trial in breast oncology surgery patients.** *journal of pain*  
Darnall, B., Wheeler, A., Taub, C., MACKKEY, I., Wapnir, I., Schultz, C., RICO, T., Flood, P.  
2016; 17 (4S): S106-?
- **Pharmacokinetics and Pharmacodynamics of Drugs Commonly Used in Pregnancy and Parturition.** *Anesthesia and analgesia*  
Ansari, J., Carvalho, B., Shafer, S. L., Flood, P.  
2016; 122 (3): 786-804
- **Are Epigenetic Changes the Key to the Elusive Mechanism for the Long-lasting Effects of Anesthetic Drugs that Persist after Emergence?** *ANESTHESIOLOGY*  
Degos, V., Flood, P.  
2016; 124 (3): 530-531
- **Molecular Interaction between Stress and Pain.** *Anesthesiology*  
Flood, P., Clark, J. D.  
2016; 124 (5): 994-95
- **Electrical Synapses High-speed Communication in the Maintenance of Neuropathic Pain** *ANESTHESIOLOGY*  
Tawfik, V. L., Flood, P.  
2016; 124 (1): 13-15
- **Electroencephalography of Seizure-Like Movements During General Anesthesia with Propofol: Seizures or Nonepileptic Events? A & A case reports**  
Li, Y., Flood, P., Cornes, S.  
2015; 5 (11): 195-198
- **Large Heterogeneity in Mean Durations of Labor Analgesia Among Hospitals Reporting to the American Society of Anesthesiologists' Anesthesia Quality Institute** *ANESTHESIA AND ANALGESIA*  
Flood, P., Dexter, F., Ledolter, J., Dutton, R. P.  
2015; 121 (5): 1283-1289
- **Beat-to-Beat Heart Rate and Blood Pressure Variability and Hypertensive Disease in Pregnancy** *AMERICAN JOURNAL OF PERINATOLOGY*  
Flood, P., McKinley, P., Monk, C., Muntner, P., Colantonio, L. D., Goetzl, L., Hatch, M., Sloan, R. P.  
2015; 32 (11): 1050-1058
- **The Relationship Between Plasma Inflammatory Cytokines and Labor Pain** *ANESTHESIA AND ANALGESIA*  
Rhee, K. Y., Goetzl, L., Unal, R., Cierny, J., Flood, P.  
2015; 121 (3): 748-751
- **In vivo effects of ketamine on glutamate-glutamine and gamma-aminobutyric acid in obsessive-compulsive disorder: Proof of concept** *PSYCHIATRY RESEARCH-NEUROIMAGING*  
Rodriguez, C. I., Kegeles, L. S., Levinson, A., Ogden, R. T., Mao, X., Milak, M. S., Vermes, D., Xie, S., Hunter, L., Flood, P., Moore, H., Shungu, D. C., Simpson, et al  
2015; 233 (2): 141-147
- **Intact Survival After Obstetric Hemorrhage and 55 Minutes of Cardiopulmonary Resuscitation.** *A & A case reports*  
Anast, N., Kwok, J., Carvalho, B., Lipman, S., Flood, P.  
2015; 5 (1): 9-12
- **Genetic Variability in the Activity of Monoamines: A Window into the Complexity of Pain** *ANESTHESIA AND ANALGESIA*  
Flood, P., Clark, D.

2014; 119 (5): 1032-1038

- **Impact of Cervical Effacement and Fetal Station on Progress during the First Stage of Labor: A Biexponential Model** *AMERICAN JOURNAL OF PERINATOLOGY*  
Quincy, M. M., Weng, C., Shafer, S. L., Smiley, R. M., Flood, P. D., Mirza, F. G.  
2014; 31 (9): 745-751
- **Nicotine is out: nicotinic agonists may have utility as analgesics.** *Anesthesia and analgesia*  
Flood, P., Damaj, M. I.  
2014; 119 (2): 232-233
- **Polymorphism in the ADRB2 Gene Explains a Small Portion of Intersubject Variability in Pain Relative to Cervical Dilation in the First Stage of Labor** *ANESTHESIOLOGY*  
Terkawi, A. S., Jackson, W. M., Hansoti, S., Tabassum, R., Flood, P.  
2014; 121 (1): 140-148
- **Polymorphism in the ADRB2 gene explains a small portion of intersubject variability in pain relative to cervical dilation in the first stage of labor.** *Anesthesiology*  
Terkawi, A. S., Jackson, W. M., Hansoti, S., Tabassum, R., Flood, P.  
2014; 121 (1): 140-148
- **Balance in opioid prescription during pregnancy.** *Anesthesiology*  
Flood, P., Raja, S. N.  
2014; 120 (5): 1063-1064
- **Maternal inflammatory markers and term labor performance** *AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY*  
Cierny, J. T., Unal, E. R., Flood, P., Rhee, K. Y., Praktish, A., Olson, T. H., Goetzl, L.  
2014; 210 (5)
- **Editorial commentary: "progressive encephalomyelitis with rigidity and myoclonus: anesthesia and glycine receptor antibodies". A & A case reports**  
Flood, P.  
2014; 2 (7): 86-87
- **Randomized Controlled Crossover Trial of Ketamine in Obsessive-Compulsive Disorder: Proof-of-Concept** *NEUROPSYCHOPHARMACOLOGY*  
Rodriguez, C. I., Kegeles, L. S., Levinson, A., Feng, T., Marcus, S. M., Vermes, D., Flood, P., Simpson, H. B.  
2013; 38 (12): 2475-2483
- **Oral choline supplementation for postoperative pain** *BRITISH JOURNAL OF ANAESTHESIA*  
Sidhu, N., Davies, S., Nadarajah, A., Rivera, J., Whittington, R., Mercier, R. J., Virag, L., Wang, S., Flood, P.  
2013; 111 (2): 249-255
- **Magnesium Is There a Signal in the Noise?** *ANESTHESIOLOGY*  
Naidu, R., Flood, P.  
2013; 119 (1): 13-15
- **HCN1 Channels as Targets for Anesthetic and Nonanesthetic Propofol Analogs in the Amelioration of Mechanical and Thermal Hyperalgesia in a Mouse Model of Neuropathic Pain** *JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS*  
Tibbs, G. R., Rowley, T. J., Sanford, R. L., Herold, K. F., Proekt, A., Hemmings, H. C., Andersen, O. S., Goldstein, P. A., Flood, P. D.  
2013; 345 (3): 363-373
- **Role of Capsaicin in a Murine Model of Labor and Delivery** *ANESTHESIOLOGY*  
Mirza, F. G., Fakhoury, A. A., Rowley, T. J., Flood, P. D.  
2013; 118 (2): 430-435
- **Chronic Pain Secondary to Childbirth Does It Exist?** *ANESTHESIOLOGY*  
Flood, P., Wong, C. A.  
2013; 118 (1): 16-18
- **Oxytocin and catechol-O-methyltransferase receptor genotype predict the length of the first stage of labor** *AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY*  
Terkawi, A. S., Jackson, W. M., Thiet, M., Hansoti, S., Tabassum, R., Flood, P.

2012; 207 (3)

- **Unintentional Dural Puncture with a Tuohy Needle Increases Risk of Chronic Headache** *ANESTHESIA AND ANALGESIA*  
Webb, C. A., Weyker, P. D., Zhang, L., Stanley, S., Coyle, D. T., Tang, T., Smiley, R. M., Flood, P.  
2012; 115 (1): 124-132
- **Imaging Intracranial Pressure An Introduction to Ultrasonography of the Optic Nerve Sheath** *ANESTHESIOLOGY*  
Rollins, M., Flood, P.  
2012; 116 (5): 983-984
- **A Terrible Headache in Obstetric Anesthesia** *ANESTHESIOLOGY*  
Flood, P., Li, G.  
2012; 116 (2): 242-243
- **Cesarean Hysterectomy Requiring Emergent Thoracotomy A Case Report of a Complication of Placenta Percreta Requiring a Multidisciplinary Effort** *JOURNAL OF REPRODUCTIVE MEDICINE*  
Pri-Paz, S., Devine, P. C., Miller, R. S., Flood, P. D., Laifer-Narin, S. L., Wright, J. D.  
2012; 57 (1-2): 58-60
- **Anaesthetic considerations for non-obstetric surgery during pregnancy** *BRITISH JOURNAL OF ANAESTHESIA*  
Reitman, E., Flood, P.  
2011; 107: 72-78
- **Anaesthetic considerations for non-obstetric surgery during pregnancy.** *British journal of anaesthesia*  
Reitman, E., Flood, P.  
2011; 107: i72-8
- **Case Scenario: Perioperative Management of a Multigravida at 34-week Gestation Diagnosed with Abnormal Placentation** *ANESTHESIOLOGY*  
Reitman, E., Devine, P. C., Laifer-Narin, S. L., Flood, P.  
2011; 115 (4): 852-857
- **Beta-2 adrenoceptor genotype and progress in term and late preterm active labor** *AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY*  
Miller, R. S., Smiley, R. M., Daniel, D., Weng, C., Emala, C. W., Blouin, J., Flood, P. D.  
2011; 205 (2)
- **Nicotine Nasal Spray as an Adjuvant Analgesic for Third Molar Surgery** *JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY*  
Yagoubian, B., Akkara, J., Afzali, P., Alfi, D. M., Olson, L., Conell-Price, J., Yeh, J., Eisig, S. B., Flood, P.  
2011; 69 (5): 1316-1319
- **beta 2-Adrenergic Receptor Genotype and Other Variables that Contribute to Labor Pain and Progress** *ANESTHESIOLOGY*  
Reitman, E., Conell-Price, J., Evansmith, J., Olson, L., Drosinos, S., Jasper, N., Randolph, P., Smiley, R. M., Shafer, S., Flood, P.  
2011; 114 (4): 927-939
- **Rapid Resolution of Obsessions After an Infusion of Intravenous Ketamine in a Patient With Treatment-Resistant Obsessive-Compulsive Disorder** *JOURNAL OF CLINICAL PSYCHIATRY*  
Rodriguez, C. I., Kegeles, L. S., Flood, P., Simpson, H. B.  
2011; 72 (4): 567-569
- **Fetal Anesthesia and Brain Development** *ANESTHESIOLOGY*  
Flood, P.  
2011; 114 (3): 479-480
- **Antinociceptive and anti-inflammatory effects of choline in a mouse model of postoperative pain** *BRITISH JOURNAL OF ANAESTHESIA*  
Rowley, T. J., McKinstry, A., GREENIDGE, E., Smith, W., Flood, P.  
2010; 105 (2): 201-207
- **PRO: Accumulating Evidence for an Outrageous Claim** *ANESTHESIA AND ANALGESIA*  
Flood, P.  
2010; 111 (1): 86-87
- **Wasabi and a Volatile Anesthetic** *ANESTHESIOLOGY*

- Gallos, G., Flood, P.  
2010; 112 (6): 1309-1310
- **Personalized intravenous regional anesthesia.** *Saudi journal of anaesthesia*  
Flood, P.  
2010; 4 (2): 46-?
  - **A Transdermal Nicotine Patch Is Not Effective for Postoperative Pain Management in Smokers: A Pilot Dose-Ranging Study** *ANESTHESIA AND ANALGESIA*  
Olson, L. C., Hong, D., Conell-Price, J. S., Cheng, S., Flood, P.  
2009; 109 (6): 1987-1991
  - **Mathematical Modeling of the Pain and Progress of the First Stage of Nulliparous Labor** *Annual Meeting of the American-Society-of-Anesthesiologist*  
Debiec, J., Conell-Price, J., Evansmith, J., Shafer, S. L., Flood, P.  
LIPPINCOTT WILLIAMS & WILKINS.2009: 1093-1110
  - **Primary versus Secondary Outcomes in Gargantuan Studies** *ANESTHESIOLOGY*  
Flood, P.  
2009; 111 (4): 704-705
  - **Epidemiology of Anesthesia-Related Complications in Labor and Delivery, New York State, 2002-2005** *ANESTHESIA AND ANALGESIA*  
Cheesman, K., Brady, J. E., Flood, P., Li, G.  
2009; 109 (4): 1174-1181
  - **The Stressed-out Rat A Model for Anesthetic Prevention of Post-Traumatic Stress Disorder** *ANESTHESIOLOGY*  
Flood, P. D.  
2009; 110 (3): 447-448
  - **The side effects of morphine and hydromorphone patient-controlled analgesia** *ANESTHESIA AND ANALGESIA*  
Hong, D., Flood, P., Diaz, G.  
2008; 107 (4): 1384-1389
  - **Isoflurane prevents nicotine-evoked norepinephrine release from the mouse spinal cord at low clinical concentrations** *ANESTHESIA AND ANALGESIA*  
Rowley, T. J., Flood, P.  
2008; 107 (3): 885-889
  - **The antinociceptive response to nicotinic agonists in a mouse model of postoperative pain** *ANESTHESIA AND ANALGESIA*  
Rowley, T. J., Payappilly, J., Lu, J., Flood, P.  
2008; 107 (3): 1052-1057
  - **Transdermal nicotine patch for postoperative pain management: A pilot dose-ranging study** *ANESTHESIA AND ANALGESIA*  
Hong, D., Conell-Price, J., Cheng, S., Flood, P.  
2008; 107 (3): 1005-1010
  - **Additivity versus synergy: A theoretical analysis of implications for anesthetic mechanisms** *ANESTHESIA AND ANALGESIA*  
Shafer, S. L., Hendrickx, J. F., Flood, P., Sonner, J., Eger, E. I.  
2008; 107 (2): 507-524
  - **Inhaled anesthetics do not combine to produce synergistic effects regarding minimum alveolar anesthetic concentration in rats** *ANESTHESIA AND ANALGESIA*  
Eger, E. J., Tang, M., Liao, M., Laster, M. J., Solt, K., Flood, P., Jenkins, A., Raines, D., Hendrickx, J. F., Shafer, S. L., Yasumasa, T., Sonner, J. M.  
2008; 107 (2): 479-485
  - **Galloping in full pursuit of the mechanism of anesthetic immobility** *ANESTHESIOLOGY*  
Hemmings, H. C., Flood, P.  
2008; 108 (6): 975-976
  - **The development and validation of a dynamic model to account for the progress of labor in the assessment of pain** *ANESTHESIA AND ANALGESIA*  
Conell-Price, J., Evans, J. B., Hong, D., Shafer, S., Flood, P.  
2008; 106 (5): 1509-1515

- **Anesthesia matters: Patients anesthetized with propofol have less postoperative pain than those anesthetized with isoflurane** *ANESTHESIA AND ANALGESIA*  
Cheng, S. S., Yeh, J., Flood, P.  
2008; 106 (1): 264-269
- **A new treatment for hypoxic brain injury?** *ANESTHESIA AND ANALGESIA*  
Flood, P.  
2007; 105 (3): 559-560
- **Aerobic exercise attenuates inducible TNF production in humans** *JOURNAL OF APPLIED PHYSIOLOGY*  
Sloan, R. P., Shapiro, P. A., DeMeersman, R. E., McKinley, P. S., Tracey, K. J., Slavov, I., Fang, Y., Flood, P. D.  
2007; 103 (3): 1007-1011
- **The pronociceptive effect of ondansetron in the setting of P-glycoprotein inhibition** *ANESTHESIA AND ANALGESIA*  
Scott, J. A., Wood, M., Flood, P.  
2006; 103 (3): 742-746
- **Strategies for effective postoperative pain management** *MINERVA ANESTESIOLOGICA*  
Diaz, G., Flood, P.  
2006; 72 (3): 145-150
- **Report of the 13th annual meeting of the International Society for Anaesthetic Pharmacology.** *Anesthesia and analgesia*  
Keltner, J. R., Flood, P.  
2005; 101 (5): 1556-1557
- **Prophylactic ephedrine and combined spinal epidural - Maternal blood pressure and fetal heart rate patterns** *OBSTETRICS AND GYNECOLOGY*  
Cleary-Goldman, J., Negron, M., Scott, J., Downing, R. A., Camann, W., Simpson, L., Flood, P.  
2005; 106 (3): 466-472
- **The role of nicotinic inhibition in ketamine-induced behavior** *ANESTHESIA AND ANALGESIA*  
Udesky, J. O., Spence, N. Z., Achiel, R., Lee, C., Flood, P.  
2005; 101 (2): 407-411
- **The importance of myorelaxants in anesthesia** *CURRENT OPINION IN PHARMACOLOGY*  
Flood, P.  
2005; 5 (3): 322-327
- **The role of adrenergic and cholinergic transmission in volatile anesthetic-induced pain enhancement** *ANESTHESIA AND ANALGESIA*  
Rowley, T. J., Daniel, D., Flood, P.  
2005; 100 (4): 991-995
- **Effect of dextrometorphan and dexrophan on nicotine and neuronal nicotinic receptors: In vitro and in vivo selectivity** *JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS*  
Damaj, M. I., Flood, P., Ho, K. K., May, E. L., Martin, B. R.  
2005; 312 (2): 780-785
- **Intranasal nicotine for postoperative pain treatment** *ANESTHESIOLOGY*  
Flood, P., Daniel, D.  
2004; 101 (6): 1417-1421
- **Single amino acid residue in the extracellular portion of transmembrane segment 2 in the nicotinic alpha 7 acetylcholine receptor modulates sensitivity to ketamine** *ANESTHESIOLOGY*  
Ho, K. K., Flood, P.  
2004; 100 (3): 657-662
- **Inhaled anesthetics and immobility: Mechanisms, mysteries, and minimum alveolar anesthetic concentration** *ANESTHESIA AND ANALGESIA*  
Sonner, J. M., Antognini, J. F., Dutton, R. C., Flood, P., Gray, A. T., Harris, R. A., Homanics, G. E., Kendig, J., Orser, B., Raines, D. E., Trudell, J., Vissel, B., Eger, et al  
2003; 97 (3): 718-740



- **Pronociceptive actions of isoflurane - A protective role for estrogen** *ANESTHESIOLOGY*  
Flood, P., Daniel, D.  
2003; 99 (2): 476-479
- **Volatile anesthetics reduce agonist affinity at nicotinic acetylcholine receptors in the brain** *ANESTHESIA AND ANALGESIA*  
Rada, E. M., Tharakan, E. C., Flood, P.  
2003; 96 (1): 108-111
- **Acetylcholine receptors and thresholds for convulsions from flurothyl and 1,2-dichlorohexafluorocyclobutane** *ANESTHESIA AND ANALGESIA*  
Eger, E. I., Gong, D., Xing, Y. L., Raines, D. E., Flood, P.  
2002; 95 (6): 1611-1615
- **Heteromeric nicotinic inhibition by isoflurane does not mediate MAC or loss of righting reflex** *ANESTHESIOLOGY*  
Flood, P., Sonner, J. M., Gong, D., Coates, K. M.  
2002; 97 (4): 902-905
- **Sensitivity of the alpha 7 nicotinic acetylcholine receptor to isoflurane may depend on receptor inactivation** *ANESTHESIA AND ANALGESIA*  
Flood, P., Coates, K. M.  
2002; 95 (1): 83-87
- **Isoflurane hyperalgesia is modulated by nicotinic inhibition** *ANESTHESIOLOGY*  
Flood, P., Sonner, J. M., Gong, D., Coates, K. M.  
2002; 97 (1): 192-198
- **Acetylcholine receptors do not mediate the immobilization produced by inhaled anesthetics** *ANESTHESIA AND ANALGESIA*  
Eger, E. I., Zhang, Y., Laster, M., Flood, P., Kendig, J. J., Sonner, J. M.  
2002; 94 (6): 1500-1504
- **Postdural puncture headache in obstetrics** *SEMINARS IN PERINATOLOGY*  
Flood, P.  
2002; 26 (2): 146-153
- **Droperidol inhibits GABA(A) and neuronal nicotinic receptor activation** *ANESTHESIOLOGY*  
Flood, P., Coates, K. M.  
2002; 96 (4): 987-993
- **Advances in neurobiology of the neuromuscular junction - Implications for the anesthesiologist** *ANESTHESIOLOGY*  
Naguib, M., Flood, P., McArdle, J. J., Brenner, H. R.  
2002; 96 (1): 202-231
- **Behavioral results of isoflurane inhibition of neuronal nicotinic acetylcholine receptors** *6th International Conference on Molecular and Basic Mechanisms of Anesthesia*  
Flood, P., Sonner, J. M.  
PABST SCIENCE PUBLISHERS.2002: 88-93
- **Ketamine and its preservative, benzethonium chloride, both inhibit human recombinant alpha 7 and alpha 4 beta 2 neuronal nicotinic acetylcholine receptors in Xenopus oocytes** *BRITISH JOURNAL OF PHARMACOLOGY*  
Coates, K. M., Flood, P.  
2001; 134 (4): 871-879
- **General anesthetic potencies of a series of propofol analogs correlate with potency for potentiation of gamma-aminobutyric acid (GABA) current at the GABA(A) receptor but not with lipid solubility** *JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS*  
Krasowski, M. D., Jenkins, A., Flood, P., Kung, A. Y., HOPFINGER, A. J., Harrison, N. L.  
2001; 297 (1): 338-351
- **Thiopental is a competitive inhibitor at the human alpha 7 nicotinic acetylcholine receptor** *ANESTHESIA AND ANALGESIA*  
Coates, K. M., Mather, L. E., Johnson, R., Flood, P.  
2001; 92 (4): 930-933
- **Intravenous anesthetics differentially modulate ligand-gated ion channels** *ANESTHESIOLOGY*

Flood, P., Krasowski, M. D.  
2000; 92 (5): 1418-1425

- **Droperidol suppresses spontaneous electrical activity in neurons cultured from ventral midbrain - Implications for neuroleptanesthesia** *BRAIN RESEARCH*

Heyer, E. J., Flood, P.  
2000; 863 (1-2): 20-24

- **Neuronal nicotinic acetylcholine receptor modulation by general anesthetics.** *Toxicology letters*

Flood, P., Role, L. W.  
1998; 100-101: 149-153

- **Neuronal nicotinic acetylcholine receptor modulation by general anesthetics** *5th International Conference on Molecular and Cellular Mechanisms of Anaesthesia*

Flood, P., Role, L. W.  
ELSEVIER IRELAND LTD.1998: 149-153

- **alpha 4 beta 2 neuronal nicotinic acetylcholine receptors in the central nervous system are inhibited by isoflurane and propofol, but alpha 7-type nicotinic acetylcholine receptors are unaffected** *ANESTHESIOLOGY*

Flood, P., RamirezLatorre, J., Role, L.  
1997; 86 (4): 859-865

- **A PILOT-STUDY OF RISK-FACTORS FOR DEMENTIA IN PARKINSONS-DISEASE** *MOVEMENT DISORDERS*

Marder, K., Flood, P., Cote, L., Mayeux, R.  
1990; 5 (2): 156-161