



Peter Schmidt

Clinical Assistant Professor, Anesthesiology, Perioperative and Pain Medicine

CLINICAL OFFICE (PRIMARY)

- **Pain Management Clinic**

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Bio

BIO

Pete Schmidt, MD, MSc is an Assistant Clinical Professor in the Department of Anesthesiology, Perioperative, and Pain Medicine, Division of Pain Medicine at Stanford University School of Medicine, where he conceptualized and launched the Stanford Cancer Pain program. He provides comprehensive and individualized care for patients with cancer-related pain, including patients who are suffering from the effects of cancer treatment. His clinical expertise also includes ultrasound-guided nerve blocks, perioperative pain management, and safe medication tapering after definitive cancer treatment. He is board-certified in Anesthesiology, Pain Medicine, and Addiction Medicine.

Dr. Schmidt's research interests are in clinical trials, drug development, and novel regulatory endpoints. He has designed and led over a dozen clinical trials in the fields of pain management, neurology, infectious diseases, and rare diseases. Dr. Schmidt has published his research findings in several high-impact journals, including Science: Translational Medicine and the New England Journal of Medicine. He is also the author of several book chapters on pain management and perioperative management.

CLINICAL FOCUS

- Pain Medicine

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Anesthesiology, Perioperative and Pain Medicine

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Pain Management Fellowship (2014) CA
- Medical Education: University of Colorado School of Medicine (2008) CO
- Internship: University of Colorado General Surgery Residency (2009) CO
- MSc, Stanford University, Epidemiology and Clinical Research (2017)
- Board Certification: Pain Medicine, American Board of Anesthesiology (2014)

- Board Certification: Anesthesiology, American Board of Anesthesiology (2013)
- Residency: University Of Virginia Health System (2012) VA

Research & Scholarship

CLINICAL TRIALS

- Randomized, Double-Blind, Placebo-Controlled, Single and Multiple Ascending Dose Study of PORT-77 Administered to Healthy Adult Participants, Recruiting
- A Study of M207 With Intranasal Zolmitriptan in Healthy Volunteers, Not Recruiting
- A Study to Evaluate the Long-Term Safety of M207 in the Acute Treatment of Migraine, Not Recruiting
- A Study to Investigate the Prevention of COVID-19 With VYD222 in Adults with Immune Compromise and in Participants Aged 12 Years or Older Who Are At Risk of Exposure to SARS-CoV-2, Not Recruiting
- A Study to Investigate the Safety, Tolerability, and Pharmacokinetics of the Monoclonal Antibody VYD222 in Healthy Adult Participants, Not Recruiting
- Evaluation of ADG20 for the Prevention of COVID-19, Not Recruiting
- Evaluation of ADG20 for the Treatment of Mild or Moderate COVID-19, Not Recruiting
- Open Label Crossover Study Pharmacokinetics (PK) Study in Healthy Volunteers Receiving Various Forms of Fentanyl, Not Recruiting
- Pharmacokinetics & Safety of Cambia® in Migraine With or Without Aura in 12-17 Year Olds, Not Recruiting
- Provide Pre-approval Single-patient Expanded Access (Compassionate Use) of VYD222 for Patients With Symptomatic COVID-19 Refractory to Other Treatments, Not Recruiting
- Simulated Driving Performance, Daytime Sedation and Cognition in Healthy Volunteers Taking Gralise, Neurontin or Lyrica, Not Recruiting
- Stanford Accelerated Recovery Trial (START), Not Recruiting
- GATEWAY: A Phase 2a Study of PORT-77 in Adults With Erythropoietic Protoporphyrinuria, Not Specified

Publications

PUBLICATIONS

- **Safety and Efficacy of Pemivibart, a Long-Acting Monoclonal Antibody, for Prevention of Symptomatic COVID-19: Interim Results From a Phase 3 Randomized Clinical Trial (CANOPY).** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Wolfe, C. R., Cohen, J., Mahoney, K., Holmes, A., Betancourt, N., Gupta, D., Tosh, K., Narayan, K., Campanaro, E., Katz, C., Phelan, A. M., Yalcin, I., Wingertzahn, et al
2025
- **Immunobridging for Pemivibart, a Monoclonal Antibody for Prevention of Covid-19.** *The New England journal of medicine*
Schmidt, P., Li, Y., Popejoy, M.
2024; 391 (19): 1860-1862
- **Prevention of COVID-19 Following a Single Intramuscular Administration of Adintrevimab: Results From a Phase 2/3 Randomized, Double-Blind, Placebo-Controlled Trial (EVADE).** *Open forum infectious diseases*
Ison, M. G., Weinstein, D. F., Dobryanska, M., Holmes, A., Phelan, A. M., Li, Y., Gupta, D., Narayan, K., Tosh, K., Hershberger, E., Connolly, L. E., Yalcin, I., Campanaro, et al
2023; 10 (7): ofad314
- **Efficacy and Safety of Adintrevimab (ADG20) for the Treatment of High-Risk Ambulatory Patients With Mild or Moderate Coronavirus Disease 2019: Results From a Phase 2/3, Randomized, Placebo-Controlled Trial (STAMP) Conducted During Delta Predominance and Early Emergence of Omicron.** *Open forum infectious diseases*
Ison, M. G., Popejoy, M., Evgeniev, N., Tzekova, M., Mahoney, K., Betancourt, N., Li, Y., Gupta, D., Narayan, K., Hershberger, E., Connolly, L. E., Yalcin, I., Das, et al
2023; 10 (6): ofad279
- **Antibody-mediated protection against symptomatic COVID-19 can be achieved at low serum neutralizing titers.** *Science translational medicine*

- Schmidt, P., Narayan, K., Li, Y., Kaku, C. I., Brown, M. E., Champney, E., Geoghegan, J. C., Vásquez, M., Krauland, E. M., Yockachonis, T., Bai, S., Gunn, B. M., Cammarata, et al
2023; 15 (688): eadg2783
- **Effect of Perioperative Gabapentin on Postoperative Pain Resolution and Opioid Cessation in a Mixed Surgical Cohort: A Randomized Clinical Trial (vol 153, pg 303, 2018) JAMA SURGERY**
Hah, J., Mackey, S. C., Schmidt, P.
2022; 157 (6): 553
 - **Effect of Perioperative Gabapentin on Postoperative Pain Resolution and Opioid Cessation in a Mixed Surgical Cohort: A Randomized Clinical Trial (vol 153, pg 303, 2018) JAMA SURGERY**
Hah, J., Mackey, S. C., Schmidt, P.
2022
 - **Chemotherapy Withdrawal Migraine PAIN MEDICINE**
Prabhakar, N. K., Schmidt, P. C.
2021
 - **Long term safety, tolerability, and efficacy of intracutaneous zolmitriptan (M207) in the acute treatment of migraine. The journal of headache and pain**
Nahas, S. J., Hindiyeh, N., Friedman, D. I., Elbuluk, N., Kellerman, D. J., Foreman, P. K., Schmidt, P.
2021; 22 (1): 37
 - **Building regional anesthesia capacity in limited-resource settings: a pilot study evaluating a 4-week curriculum PAIN MANAGEMENT**
Moll, V., Schmidt, P. C., Amos, C., Workneh, R. S., Tadesse, M., Mulugeta, E., Abate, A.
2021; 11 (1): 29–37
 - **Erector Spinae Regional Anesthesia for Robotic Coronary Artery Bypass Surgery Is Not Associated With Reduced Postoperative Opioid Use: A Retrospective Observational Study. Journal of cardiothoracic and vascular anesthesia**
Moll, V., Ward, C. T., Jabaley, C. S., O'Reilly-Shah, V. N., Boorman, D. W., McKenzie-Brown, A. M., Halkos, M. E., Prabhakar, A., Pyronneau, L. R., Schmidt, P. C.
2020
 - **Preoperative Factors Associated with Remote Postoperative Pain Resolution and Opioid Cessation in a Mixed Surgical Cohort: Post Hoc Analysis of a Perioperative Gabapentin Trial. Journal of pain research**
Hah, J. M., Hilmoie, H. n., Schmidt, P. n., McCue, R. n., Trafton, J. n., Clay, D. n., Sharifzadeh, Y. n., Ruchelli, G. n., Hernandez Boussard, T. n., Goodman, S. n., Huddleston, J. n., Maloney, W. J., Dirbas, et al
2020; 13: 2959–70
 - **Efficacy of Qtrypta (zolmitriptan intracutaneous system) Before and After the Initiation of CGRP Antibody Therapy in Subjects with Migraine - a Preliminary Assessment**
Hindiyeh, N., Schmidt, P., Engels, J., Halladay, W., Kellerman, D.
SAGE PUBLICATIONS LTD.2019: 394
 - **Review of Acute Treatment of Migraine Trial Results With the New FDA Endpoints: Design Implications for Future Trials HEADACHE**
Hindiyeh, N. A., Kellerman, D. J., Schmidt, P. C.
2019; 59 (5): 819–24
 - **Review of Acute Treatment of Migraine Trial Results With the New FDA Endpoints: Design Implications for Future Trials. Headache**
Hindiyeh, N. A., Kellerman, D. J., Schmidt, P. C.
2019
 - **Factors Associated With Acute Pain Estimation, Postoperative Pain Resolution, Opioid Cessation, and Recovery Secondary Analysis of a Randomized Clinical Trial JAMA NETWORK OPEN**
Hah, J. M., Cramer, E., Hilmoie, H., Schmidt, P., McCue, R., Trafton, J., Clay, D., Sharifzadeh, Y., Ruchelli, G., Goodman, S., Huddleston, J., Maloney, W. J., Dirbas, et al
2019; 2 (3)
 - **Factors Associated With Acute Pain Estimation, Postoperative Pain Resolution, Opioid Cessation, and Recovery: Secondary Analysis of a Randomized Clinical Trial. JAMA network open**
Hah, J. M., Cramer, E., Hilmoie, H., Schmidt, P., McCue, R., Trafton, J., Clay, D., Sharifzadeh, Y., Ruchelli, G., Goodman, S., Huddleston, J., Maloney, W. J., Dirbas, et al

2019; 2 (3): e190168

- **Efficacy of ADAM Zolmitriptan for the Acute Treatment of Difficult-to-Treat Migraine Headaches.** *Headache*
Tepper, S. J., Dodick, D. W., Schmidt, P. C., Kellerman, D. J.
2019
- **Use of Most Bothersome Symptom as a Coprimary Endpoint in Migraine Clinical Trials: A Post-Hoc Analysis of the Pivotal ZOTRIP Randomized, Controlled Trial** *HEADACHE*
Dodick, D. W., Tepper, S. J., Friedman, D. I., Gelfand, A. A., Kellerman, D. J., Schmidt, P. C.
2018; 58 (7): 986–92
- **Effects of gabapentin, pregabalin and gastroretentive gabapentin on simulated driving, daytime sedation and cognition** *PAIN MANAGEMENT*
Schmidt, P., Rao, S.
2018; 8 (4): 297–306
- **Randomized, double-blind, placebo-controlled, parallel-group, multi-center study of the safety and efficacy of ADAM zolmitriptan for the acute treatment of migraine** *CEPHALALGIA*
Spierings, E. L. H., Brandes, J., Kudrow, D. B., Weintraub, J., Schmidt, P. C., Kellerman, D. J., Tepper, S. J.
2018; 38 (2): 215–24
- **Use of Most Bothersome Symptom as a Co-Primary Endpoint in an Acute Treatment of Migraine Trial**
Dodick, D. W., Tepper, S. J., Friedaman, D., Gelfand, A., Cowan, R. P., Schmidt, P., Engels, J., Rapoport, A., Kellerman, D. J.
SAGE PUBLICATIONS LTD.2017: 361–62
- **Post Hoc Subanalysis of Two Randomized, Controlled Phase 3 Trials Evaluating Diclofenac Potassium for Oral Solution: Impact of Migraine-Associated Nausea and Prior Triptan Use on Efficacy** *HEADACHE*
Lipton, R. B., Schmidt, P., Diener, H.
2017; 57 (5): 756–65
- **Effect of Perioperative Gabapentin on Postoperative Pain Resolution and Opioid Cessation in a Mixed Surgical Cohort: A Randomized Clinical Trial.** *JAMA surgery*
Hah, J. n., Mackey, S. C., Schmidt, P. n., McCue, R. n., Humphreys, K. n., Trafton, J. n., Efron, B. n., Clay, D. n., Sharifzadeh, Y. n., Ruchelli, G. n., Goodman, S. n., Huddleston, J. n., Maloney, et al
2017
- **Proceedings of the AMCP Partnership Forum: Breaking the Link Between Pain Management and Opioid Use Disorder** *JOURNAL OF MANAGED CARE & SPECIALTY PHARMACY*
Botticelli, M. P., Brock, I., Brooks, P., Byram, D., Clark, K. J., Curro, F. A., Daw, J., Duggan, M., Erensen, J., Fan, J., Francis, W., Gammitoni, A., Ghods, et al
2015; 21 (12): 1116-1122
- **In reply.** *Anesthesiology*
Schmidt, P. C., Ruchelli, G., Mackey, S. C., Carroll, I. R.
2014; 121 (2): 424-426
- **Sacroiliac Joint Radiofrequency Ablation with a Multi lesion Probe: A Case Series of 60 Patients** *ANESTHESIA AND ANALGESIA*
Schmidt, P. C., Pino, C. A., Vorenkamp, K. E.
2014; 119 (2): 460–62
- **Self-Loathing Aspects of Depression Reduce Postoperative Opioid Cessation Rate** *PAIN MEDICINE*
Hah, J. M., Mackey, S., Barelka, P. L., Wang, C. K., Wang, B. M., Gillespie, M. J., McCue, R., Younger, J. W., Trafton, J., Humphreys, K., Goodman, S. B., Dirbas, F. M., Schmidt, et al
2014; 15 (6): 954-964
- **Perioperative Gabapentinoids Choice of Agent, Dose, Timing, and Effects on Chronic Postsurgical Pain** *ANESTHESIOLOGY*
Schmidt, P. C., Ruchelli, G., Mackey, S. C., Carroll, I. R.
2013; 119 (5): 1215-1221