

# Stanford

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## Jennifer Hah

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

### CLINICAL OFFICES

- **Pain Management Clinic**

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Redwood City, CA 94063

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### Bio

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#### BIO

As an anesthesiologist, pain medicine specialist, and clinical epidemiologist, my research interests span development of novel psychotherapeutic interventions at the intersection of pain, prescription opioid addiction, and psychology. As an NIH-funded researcher I am working to develop novel interventions (behavioral, medical technology, medical device) to prevent continued pain and opioid use after surgery. My clinical interests include treatment of chronic pelvic pain conditions including painful bladder syndrome/interstitial cystitis, endometriosis, pelvic floor myofascial pain, pudendal neuralgia, peripheral nerve entrapments, pelvic adhesions, vulvodynia, and chronic constipation.

#### CLINICAL FOCUS

- Pelvic Pain
- Interstitial Cystitis
- Painful Bladder Syndrome
- Perioperative Pain Management
- Anesthesiology
- Pain Medicine Ultrasonography

#### ACADEMIC APPOINTMENTS

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

#### PROFESSIONAL EDUCATION

- Residency: Stanford University Anesthesiology Residency (2009) CA
- Residency: Cleveland Clinic Foundation Heart Center (2007) OH
- Internship: Cleveland Clinic Foundation Heart Center (2007) OH
- Board Certification: Anesthesiology, American Board of Anesthesiology (2010)
- Fellowship: Stanford University Hospital - Pain Medicine (2010) CA

- M.S., Stanford University , Epidemiology (2013)
- Board Certification: Pain Medicine, American Board of Anesthesiology (2011)
- Medical Education: Northeastern Ohio Universities (2005) OH

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Perioperative Recovery of Opioids Mood and Pain Trial

### CLINICAL TRIALS

- Perioperative Recovery of Moods, Opioids, and Pain Trial (PROMPT), Recruiting
- Surgical Tapering of Opioids, Not Recruiting

## Publications

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### PUBLICATIONS

- **American Society for Enhanced Recovery and Perioperative Quality Initiative Joint Consensus Statement on Perioperative Opioid Minimization in Opioid-Naive Patients** *ANESTHESIA AND ANALGESIA*  
Wu, C. L., King, A. B., Geiger, T. M., Grant, M. C., Grocott, M. W., Gupta, R., Hah, J. M., Miller, T. E., Shaw, A. D., Gan, T. J., Thacker, J. M., Mythen, M. G., McEvoy, et al  
2019; 129 (2): 567–77
- **American Society for Enhanced Recovery and Perioperative Quality Initiative-4 Joint Consensus Statement on Persistent Postoperative Opioid Use: Definition, Incidence, Risk Factors, and Health Care System Initiatives** *ANESTHESIA AND ANALGESIA*  
Kent, M. L., Hurley, R. W., Oderda, G. M., Gordon, D. B., Sun, E., Mythen, M., Miller, T. E., Shaw, A. D., Gan, T. J., Thacker, J. M., McEvoy, M. D., POQI-4 Working Grp  
2019; 129 (2): 543–52
- **American Society for Enhanced Recovery and Perioperative Quality Initiative-4 Joint Consensus Statement on Persistent Postoperative Opioid Use: Definition, Incidence, Risk Factors, and Health Care System Initiatives.** *Anesthesia and analgesia*  
Kent, M. L., Hurley, R. W., Oderda, G. M., Gordon, D. B., Sun, E., Mythen, M., Miller, T. E., Shaw, A. D., Gan, T. J., Thacker, J. K., McEvoy, M. D., POQI-4 Working Group  
2019
- **Evaluation of the Preliminary Validity of Misuse of Prescription Pain Medication Items from the Patient-Reported Outcomes Measurement Information System (PROMIS).** *Pain medicine (Malden, Mass.)*  
You, D. S., Hah, J. M., Collins, S., Ziadni, M. S., Domingue, B. W., Cook, K. F., Mackey, S. 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., Hilmoe, 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., Hilmoe, 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
- **Effects of smoking on patients with chronic pain: a propensity-weighted analysis on the Collaborative Health Outcomes Information Registry.** *Pain*  
Khan, J. S., Hah, J. M., Mackey, S. C.  
2019
- **American Society for Enhanced Recovery and Perioperative Quality Initiative Joint Consensus Statement on Perioperative Opioid Minimization in Opioid-Naive Patients.** *Anesthesia and analgesia*

Wu, C. L., King, A. B., Geiger, T. M., Grant, M. C., Grocott, M. P., Gupta, R., Hah, J. M., Miller, T. E., Shaw, A. D., Gan, T. J., Thacker, J. K., Mythen, M. G., McEvoy, et al

2019

- **Striving for Evidence-Based Postoperative Opioid Prescribing While Optimizing Perioperative Pain Management-Shifting to Conservative Prescribing.** *JAMA network open*  
Hah, J. M.  
2018; 1 (8): e185432
- **Predictors of Daily Pain Medication Use in Individuals with Recurrent Back Pain** *INTERNATIONAL JOURNAL OF BEHAVIORAL MEDICINE*  
Sturgeon, J. A., Hah, J. M., Sharifzadeh, Y., Middleton, S. K., Rico, T., Johnson, K. A., Mackey, S. C.  
2018; 25 (2): 252–58
- **Defining Postoperative Opioid Needs Among Preoperative Opioid Users.** *JAMA surgery*  
Hah, J., Hernandez-Boussard, T.  
2018
- **Factors associated with prescription opioid misuse in a cross-sectional cohort of patients with chronic non-cancer pain** *JOURNAL OF PAIN RESEARCH*  
Hah, J. M., Sturgeon, J. A., Zocca, J., Sharifzadeh, Y., Mackey, S. C.  
2017; 10: 979-987
- **Chronic Opioid Use After Surgery: Implications for Perioperative Management in the Face of the Opioid Epidemic.** *Anesthesia and analgesia*  
Hah, J. M., Bateman, B. T., Ratliff, J., Curtin, C., Sun, E.  
2017; 125 (5): 1733–40
- **Effect of Perioperative Gabapentin on Postoperative Pain Resolution and Opioid Cessation in a Mixed Surgical Cohort: A Randomized Clinical Trial.** *JAMA surgery*  
Hah, J., Mackey, S. C., Schmidt, P., McCue, R., Humphreys, K., Trafton, J., Efron, B., Clay, D., Sharifzadeh, Y., Ruchelli, G., Goodman, S., Huddleston, J., Maloney, et al  
2017
- **Opioid Abuse And Poisoning: Trends In Inpatient And Emergency Department Discharges.** *Health affairs (Project Hope)*  
Tedesco, D., Asch, S. M., Curtin, C., Hah, J., McDonald, K. M., Fantini, M. P., Hernandez-Boussard, T.  
2017; 36 (10): 1748–53
- **Taking adolescent prescription opioid use in context: risk stratification in early mid-life based on medical and nonmedical use.** *Pain*  
Hah, J.  
2016; 157 (10): 2143-2144
- **(139) Risk factors for long-term prescription opioid therapy for chronic non-cancer pain.** *journal of pain*  
Hah, J., Zocca, J., Sharifzadeh, Y., Mackey, S.  
2016; 17 (4S): S10-S11
- **Pain Duration and Resolution following Surgery: An Inception Cohort Study** *PAIN MEDICINE*  
Carroll, I. R., Hah, J. M., 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., Mackey, et al  
2015; 16 (12): 2386-2396
- **Pain Duration and Resolution following Surgery: An Inception Cohort Study.** *Pain medicine*  
Carroll, I. R., Hah, J. M., 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., Mackey, et al  
2015; 16 (12): 2386-2396
- **Management of a Patient with a Thoracic Epidural After Accidental Clopidogrel Administration.** *A & A case reports*  
Hah, J. M., Noon, K., Gowda, A., Brun, C.  
2015; 5 (2): 18-20
- **A Review of Chronic Non-Cancer Pain: Epidemiology, Assessment, Treatment, and Future Needs** *FOCUS: Journal of Lifelong Learning in Psychiatry*  
Hah, J. M., Mackey, S. C.  
2015; 13 (3): 267-282

- **Factors Associated with Opioid Use in a Cohort of Patients Presenting for Surgery.** *Pain research and treatment*  
Hah, J. M., Sharifzadeh, Y., Wang, B. M., Gillespie, M. J., Goodman, S. B., Mackey, S. C., Carroll, I. R.  
2015; 2015: 829696-?
- **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
- **From Catastrophizing to Recovery: a pilot study of a single-session treatment for pain catastrophizing** *JOURNAL OF PAIN RESEARCH*  
Darnall, B. D., Sturgeon, J. A., Kao, M., Hah, J. M., Mackey, S. C.  
2014; 7: 219-226
- **Pilot study of a compassion meditation intervention in chronic pain.** *Journal of compassionate health care*  
Chapin, H. L., Darnall, B. D., Seppala, E. M., Doty, J. R., Hah, J. M., Mackey, S. C.  
2014; 1
- **Pilot Study of a Compassion Meditation Intervention in Chronic Pain** *Journal of Compassionate Health Care*  
Chapin, H., Darnell, B., Seppala, E., Doty, J., Hah, J., Sean  
2014; 1: 4
- **Perioperative Interventions to Reduce Chronic Postsurgical Pain** *JOURNAL OF RECONSTRUCTIVE MICROSURGERY*  
Carroll, I., Hah, J., Mackey, S., Ottestad, E., Kong, J. T., Lahidji, S., Tawfik, V., Younger, J., Curtin, C.  
2013; 29 (4): 213-222
- **Exploratory factor analysis of the beck depression inventory: predictors of delayed opioid cessation after surgery in a pilot cohort study**  
Hah, J., Carroll, I., Younger, J., Mackey, S.  
CHURCHILL LIVINGSTONE.2013: S25-S25
- **Analysis of preoperative measures that predict interference with sleep recovery after surgery**  
Schmidt, P., Hah, J., Barelka, P., Wang, C., Wang, B., Gillespie, M., McCue, R., Younger, J., Trafton, J., Humphreys, K., Goodman, S., Dirbas, F., Whyte, et al  
CHURCHILL LIVINGSTONE.2013: S19-S19
- **Local Anesthetics and Other Interventional Approaches** *Neuropathic Pain: Causes, Management and Understanding*  
Carroll, I., Hah, J., Mackey, S., Ottestad, E., Kong, J., et al  
Cambridge University Press.2013
- **Factors contributing to pain chronicity** *CURRENT PAIN AND HEADACHE REPORTS*  
Wang, C. K., Hah, J. M., Carroll, I.  
2009; 13 (1): 7-11
- **The dromedary sign - An unusual capnograph tracing** *ANESTHESIOLOGY*  
Jaffe, R. A., Talavera, J. A., Hah, J. M., Brock-Utne, J. G.  
2008; 109 (1): 149-150