

# Stanford

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## Jean-Louis Horn

Professor of Anesthesiology, Perioperative and Pain Medicine

 Curriculum Vitae available Online

### CLINICAL OFFICES

- **Anesthesia Department**

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Stanford, CA 94305

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### Bio

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### CLINICAL FOCUS

- Anesthesia

### ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Anesthesiology, Perioperative and Pain Medicine

### ADMINISTRATIVE APPOINTMENTS

- Director of Regional Anesthesia, Oregon Health Science University, (2003-2013)
- Chief, Division of Regional Anesthesia, Stanford University, (2013- present)

### HONORS AND AWARDS

- Medical/Professional Staff Chairman's Award for Outstanding Contributions in Clinical Care Quality, Oregon Health & Science University (November 26, 2006)
- Outstanding Teacher Award, CA2, Department of Anesthesiology, Oregon Health & Science University (2003)
- Outstanding Teacher Award, CA3, Department of Anesthesiology, Oregon Health & Science University (2003)
- Outstanding Teacher Award, Department of Anesthesiology, Oregon Health & Science University (2001)

### PROFESSIONAL EDUCATION

- Fellowship: Vanderbilt University Medical Center (1996) TN
- Board Certification: Anesthesia, Medecin Specialiste en Anesthesiologie (1991)
- Residency: Cliniques Universitaire St Luc (1990) Belgium
- Medical Education: Catholic University of Louvain (1986) Belgium
- MD, Université Catholique de Louvain (UCL) Brussels, Belgium (1986)

## Teaching

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### GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Anesthesia (Fellowship Program)

## Publications

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### PUBLICATIONS

- **Performance of the Pain Sensitivity Questionnaire short form in outpatient arthroscopic surgery without preoperative peripheral nerve block: a prospective observational cohort study.** *Regional anesthesia and pain medicine*  
Gessner, D., Tsui, B. C., Horn, J.  
2022
- **Prolonged Phrenic Nerve Blockade with Liposomal Bupivacaine.** *Anesthesiology*  
Xu, L., Tsui, B. C., Horn, J.  
2022; 136 (4): 525-527
- **Bloc continu interscalenique versus bloc des muscles erecteurs du rachis thoracique haut avec epargne nerveuse phrenique pour l'arthroplastie totale de lepaule : une etude randomisee controlee.** *Canadian journal of anaesthesia = Journal canadien d'anesthesie*  
Sun, L. Y., Basireddy, S., Gerber, L. N., Lamano, J., Costouros, J., Cheung, E., Boublik, J., Horn, J. L., Tsui, B. C.  
2022
- **Randomized trial of transversus abdominis plane block with liposomal bupivacaine after cesarean delivery with or without intrathecal morphine.** *Journal of clinical anesthesia*  
Habib, A. S., Nedeljkovic, S. S., Horn, J., Smiley, R. M., Kett, A. G., Vallejo, M. C., Song, J., Scranton, R., Bao, X.  
2021; 75: 110527
- **Alternating Side Programmed Intermittent Repeated (ASPIRe) Bolus Regimen for Delivering Local Anesthetic via Bilateral Intermittent Plane Catheters.** *Journal of cardiothoracic and vascular anesthesia*  
Tsui, B. C., Brodt, J., Pan, S., Caruso, T. J., Kim, R., Horn, J. L., Boublik, J., Tsui, J. H.  
2021
- **Comparison of Postoperative Pain From Catheter Over the Needle (CON) Versus Catheter Through Needle (CTN) Techniques for Erector Spinae Plane Blockade in Patients Undergoing Open Heart Surgery: A Single-Center Retrospective Review.** *Journal of cardiothoracic and vascular anesthesia*  
Pfaff, K., Brodt, J., Basireddy, S., Boyd, J., Boublik, J., Horn, J., Tsui, B. C.  
2020
- **Clinical effect of normal saline injectate into interscalene nerve block catheters given within one hour of local anesthetic bolus on analgesia and hemidiaphragmatic paralysis.** *Regional anesthesia and pain medicine*  
Gerber, L. N., Sun, L. Y., Ma, W., Basireddy, S., Guo, N., Costouros, J., Cheung, E., Boublik, J., Horn, J., Tsui, B. C.  
2020
- **Quadratus lumborum block: an imaging study of three approaches.** *Regional anesthesia and pain medicine*  
Balocco, A. L., Lopez, A. M., Kesteloot, C., Horn, J., Brichant, J., Vandepitte, C., Hadzic, A., Gautier, P.  
2020
- **Transversus Abdominis Plane Block With Liposomal Bupivacaine for Pain After Cesarean Delivery in a Multicenter, Randomized, Double-Blind, Controlled Trial.** *Anesthesia and analgesia*  
Nedeljkovic, S. S., Kett, A., Vallejo, M. C., Horn, J., Carvalho, B., Bao, X., Cole, N. M., Renfro, L., Gadsden, J. C., Song, J., Yang, J., Habib, A. S.  
2020
- **Pain management in the orthopaedic trauma patient: Non-opioid solutions** *INJURY-INTERNATIONAL JOURNAL OF THE CARE OF THE INJURED*  
Gessner, D. M., Horn, J., Lowenberg, D. W.  
2020; 51: S28–S36
- **Anesthesia residency training in regional anesthesiology and acute pain medicine: a competency-based model curriculum.** *Regional anesthesia and pain medicine*  
Woodworth, G. n., Maniker, R. B., Spofford, C. M., Ivie, R. n., Lunden, N. I., Machi, A. T., Elkassabany, N. M., Gritsenko, K. n., Kukreja, P. n., Vlassakov, K. n., Tedore, T. n., Schroeder, K. n., Missair, et al

2020

- **The use of extended release bupivacaine with transversus abdominis plane and subcostal anterior quadratus lumborum catheters: A retrospective analysis of a novel technique.** *Journal of anaesthesiology, clinical pharmacology*  
Elsharkawy, H. n., Saasouh, W. n., Cho, Y. J., Soliman, L. M., Horn, J. L.  
2020; 36 (1): 110–14
- **Real-time Ultrasound-Guided Lumbar Epidural with Transverse Interlaminar View: Evaluation of an In-Plane Technique** *PAIN MEDICINE*  
Elsharkawy, H., Saasouh, W., Babazade, R., Soliman, L., Horn, J., Zaky, S.  
2019; 20 (9): 1750–55
- **Opioid-Free Ultra-Fast-Track On-Pump Coronary Artery Bypass Grafting Using Erector Spinae Plane Catheters** *JOURNAL OF CARDIOTHORACIC AND VASCULAR ANESTHESIA*  
Chanowski, E. P., Horn, J., Boyd, J. H., Tsui, B. H., Brodt, J. L.  
2019; 33 (7): 1988–90
- **Successful reversal of phrenic nerve blockade following washout of interscalene nerve block as demonstrated by ultrasonographic diaphragmatic excursion.** *Journal of clinical anesthesia*  
Ngai, L. K., Ma, W., Costouros, J. G., Cheung, E. V., Horn, J., Tsui, B. C.  
2019; 59: 46–48
- **Real-time Ultrasound-Guided Lumbar Epidural with Transverse Interlaminar View: Evaluation of an In-Plane Technique.** *Pain medicine (Malden, Mass.)*  
Elsharkawy, H., Saasouh, W., Babazade, R., Soliman, L. M., Horn, J., Zaky, S.  
2019
- **Le bloc du muscle carre des lombes anterieur par approche supra-iliaque : une etude cadaverique et une serie de cas.** *Canadian journal of anaesthesia = Journal canadien d'anesthesie*  
Elsharkawy, H., El-Boghdadly, K., Barnes, T. J., Drake, R., Maheshwari, K., Soliman, L. M., Horn, J., Chin, K. J.  
2019
- **Pain management in the orthopaedic trauma patient: Non-opioid solutions.** *Injury*  
Gessner, D. M., Horn, J. L., Lowenberg, D. W.  
2019
- **Cervical erector spinae plane block catheter using a thoracic approach: an alternative to brachial plexus blockade for forequarter amputation** *CANADIAN JOURNAL OF ANESTHESIA-JOURNAL CANADIEN D ANESTHESIE*  
Tsui, B. H., Mohler, D., Caruso, T. J., Horn, J.  
2019; 66 (1): 119–20
- **Opioid-Free Ultra-Fast-Track On-Pump Coronary Artery Bypass Grafting Using Erector Spinae Plane Catheters.** *Journal of cardiothoracic and vascular anesthesia*  
Chanowski, E. J., Horn, J., Boyd, J. H., Tsui, B. C., Brodt, J. L.  
2018
- **Perioperative Pain Management for Total Knee Arthroplasty: Need More Focus on the Forest and Less on the Trees.** *Anesthesiology*  
Webb, C. A., Madison, S. n., Goodman, S. B., Mariano, E. R., Horn, J. L.  
2018; 128 (2): 420–21
- **Cervical erector spinae plane block catheter using a thoracic approach: an alternative to brachial plexus blockade for forequarter amputation.** *Canadian journal of anaesthesia = Journal canadien d'anesthesie*  
Tsui, B. C., Mohler, D. n., Caruso, T. J., Horn, J. L.  
2018
- **Transversus Abdominis Plane Block and Free Flap Abdominal Tissue Breast Reconstruction Is There a True Reduction in Postoperative Narcotic Use?** *ANNALS OF PLASTIC SURGERY*  
Hunter, C., Shakir, A., Momeni, A., Luan, A., Steffel, L., Horn, J., Dung Nguyen, D., Lee, G. K.  
2017; 78 (3): 254-259
- **Transversus Abdominis Plane Block and Free Flap Abdominal Tissue Breast Reconstruction: Is There a True Reduction in Postoperative Narcotic Use?** *Annals of plastic surgery*  
Hunter, C., Shakir, A., Momeni, A., Luan, A., Steffel, L., Horn, J., Nguyen, D., Lee, G. K.

2017; 78 (3): 254-259

- **Reply to Dr El-Boghdadly et al.** *Regional anesthesia and pain medicine*  
Horn, J., Derby, R., Abrahams, M.  
2016; 41 (5): 655-?
- **Quadratus lumborum catheters for breast reconstruction requiring transverse rectus abdominis myocutaneous flaps** *JOURNAL OF ANESTHESIA*  
Spence, N. Z., Olszynski, P., Lehan, A., Horn, J., Webb, C. A.  
2016; 30 (3): 506-509
- **The Importance of the Saphenous Nerve in Ankle Surgery** *ANESTHESIA AND ANALGESIA*  
Eglitis, N., Horn, J., Benninger, B., Nelsen, S.  
2016; 122 (5): 1704-1706
- **Update on Ultrasound for Truncal Blocks: A Review of the Evidence.** *Regional anesthesia and pain medicine*  
Abrahams, M., Derby, R., Horn, J.  
2016; 41 (2): 275-288
- **The Second American Society of Regional Anesthesia and Pain Medicine Evidence-Based Medicine Assessment of Ultrasound-Guided Regional Anesthesia: Executive Summary.** *Regional anesthesia and pain medicine*  
Neal, J. M., Brull, R., Horn, J., Liu, S. S., McCartney, C. J., Perlas, A., Salinas, F. V., Tsui, B. C.  
2016; 41 (2): 181-194
- **Development and Validation of an Assessment of Regional Anesthesia Ultrasound Interpretation Skills.** *Regional anesthesia and pain medicine*  
Woodworth, G. E., Carney, P. A., Cohen, J. M., Kopp, S. L., Vokach-Brodsky, L. E., Horn, J. E., Missair, A., Banks, S. E., Dieckmann, N. F., Maniker, R. B.  
2015; 40 (4): 306-314
- **"Pseudo" Shearing of a Peripheral Nerve Catheter After Interscalene Block** *REGIONAL ANESTHESIA AND PAIN MEDICINE*  
Carvalho, B., Derby, R., Horn, J.  
2014; 39 (6): 556-57
- **Regional anesthesia for vascular surgery.** *Anesthesiology clinics*  
Flaherty, J., Horn, J., Derby, R.  
2014; 32 (3): 639-659
- **Efficacy of computer-based video and simulation in ultrasound-guided regional anesthesia training.** *Journal of clinical anesthesia*  
Woodworth, G. E., Chen, E. M., Horn, J. E., Aziz, M. F.  
2014; 26 (3): 212-221

## PRESENTATIONS

- Comprehensive Workshop: Lower Extremity - 38th ASRA Annual Meeting (5/2013 - 5/2013)
- Plenary Session 2: Evidence-Based Medicine for Ultrasound-Guided Regional Anesthesia: Ultrasound for Truncal Blocks - 38th ASRA Annual Meeting (May 2013 - May 2013)
- Comprehensive Workshop: Truncal Paravertebral - 38th ASRA Annual Meeting (2013)
- Ambulatory Continuous Peripheral Nerve Blocks - Grand Rounds, Hospital for Special Surgery (HSS) (November 2012)
- Transversus Abdominis Plane blocks - ASA Washington DC (October 2011)