



Clemens Ortner

Clinical Professor, Anesthesiology, Perioperative and Pain Medicine

CLINICAL OFFICE (PRIMARY)

- **Anesthesia Department**

300 Pasteur Dr Rm H3580

MC 5640

Stanford, CA 94305

Tel (650) 723-6412 Fax (650) 725-8544

Bio

BIO

Clemens M. Ortner, M.D., M.Sc., DESA, is a Clinical Professor in the Department of Anesthesiology, Perioperative and Pain Medicine at Stanford School of Medicine. He is teaching applications of point-of-care ultrasound in Obstetric Anesthesiology and Critical Care Medicine. Dr. Ortner is originally from Vienna, Austria, where he received his medical degree at the Medical University of Vienna, in Austria, and the University of Paris XI, in France. After completing residency training as a Diplomate of the European Society of Anesthesiology (DESA) at the Medical University of Vienna, he went for fellowship training in Obstetric Anesthesiology at the University of Washington (UW) in Seattle, Washington. In addition to his clinical expertise in Critical Care Medicine, Obstetric and Cardiac Anesthesiology, Dr. Ortner published original articles on chronic postoperative pain, hypertensive disorders in pregnancy and applications of point-of-care ultrasonography. As recognition for his scientific work he was awarded Honorary Lecturer at the University of Cape Town in South Africa, and the academic title of 'Privat Dozent' and "Associate Professor" at the Medical University of Vienna in Austria. Dr. Ortner has received several awards and honors for his accomplishments in clinical research and education. Besides his clinical work at anesthesia attending physician at Stanford Hospital and Lucile Packard Children's Hospital, Dr. Ortner is directing the obstetric anesthesia fellowship curriculum for applications of Point-of-Care Ultrasound. Dr. Ortner has further gained national and international recognition as lecturer and workshop director at numerous national and international meetings and conferences where he also serves in academic committees and subcommittees.

CLINICAL FOCUS

- Obstetric Anesthesiology
- Point of Care Ultrasound
- Anesthesia

ACADEMIC APPOINTMENTS

- Clinical Professor, Anesthesiology, Perioperative and Pain Medicine

HONORS AND AWARDS

- Research in Education Award, Society of Obstetric Anesthesiology and Perinatology (2013)

- Gertie Marx Best Paper Award, Society of Obstetric Anesthesiology and Perinatology (2011)
- Best Abstract Award, Austrian Society of Anesthesiology, Resuscitation and Intensive Care (2009)

PROFESSIONAL EDUCATION

- Board Certification: Advanced Perioperative Transesophageal Echocardiography, National Board of Echocardiography (2018)
- Board Certification: Basic Perioperative Transesophageal Echocardiography, National Board of Echocardiography (2016)
- Board Certification: Anesthesia, Austria Medical Chamber (2010)
- Fellowship: Medical University of Vienna (2016) Austria
- Fellowship: University of Washington Dept of Surgery (2011) WA
- Residency: Medical University of Vienna (2010) Austria
- Internship: Medical University of Vienna (2010) Austria
- Medical Education: Medical University of Vienna (2002) Austria

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Point of Care Ultrasound in Women diagnosed with severe Preeclampsia

Publications

PUBLICATIONS

- **Feasibility of Focused Cardiac Ultrasound Performed by Trainees During Cesarean Delivery.** *Anesthesia and analgesia*
Ortner, C. M., Sheikh, M., Athar, M. W., Padilla, C., Guo, N., Carvalho, B.
2023
- **Will Point-of-Care Ultrasound Be the New Standard of Care in the Management of Women Diagnosed With Preeclampsia?** *Anesthesia and analgesia*
Ortner, C. M., Lucovnik, M., Zieleskiewicz, L.
2023; 137 (6): 1154-1157
- **Point of care ultrasonography: And now, where shall we go in perioperative medicine?** *Anaesthesia, critical care & pain medicine*
Zieleskiewicz, L., Ortner, C., Bruckert, V., Via, G., Bouvet, L.
1800: 101014
- **Point-of-Care Lung Ultrasound Pattern in Healthy Parturients: Prevalence of Pulmonary Interstitial Syndrome Following Vaginal Delivery, Elective and Unplanned Intrapartum Cesarean Delivery.** *Anesthesia and analgesia*
Macias, P. n., Wilson, J. G., Austin, N. S., Guo, N. n., Carvalho, B. n., Ortner, C. M.
2021
- **High altitude trekking after lung transplantation: a prospective study using lung ultrasound to detect comet tails for interstitial pulmonary edema in lung transplant recipients and healthy volunteers** *TRANSPLANT INTERNATIONAL*
Weber, U., Schiefer, J., Muehlbacher, J., Bernardi, M., Ortner, C., Jaksch, P.
2018; 31 (11): 1245–53
- **Point-of-Care Ultrasound Abnormalities in Late-Onset Severe Preeclampsia: Prevalence and Association With Serum Albumin and Brain Natriuretic Peptide.** *Anesthesia and analgesia*
Ortner, C. M., Krishnamoorthy, V., Neethling, E., Flint, M., Swanevelder, J. L., Lombard, C., Fawcus, S., Dyer, R. A.
2018
- **[Which medications are safe while breastfeeding? : A synopsis for the anesthetist, obstetrician and pediatrician].** *Wiener medizinische Wochenschrift (1946)*
Fischer, A., Ortner, C., Hartmann, T., Jochberger, S., Klein, K. U.
2018

- **[Recent standards in management of obstetric anesthesia].** *Wiener medizinische Wochenschrift (1946)*
van Erp, M., Ortner, C., Jochberger, S., Klein, K. U.
2017; 167 (15-16): 374-389
- **[Pain therapy during labour].** *Wiener medizinische Wochenschrift*
Jochberger, S., Ortner, C., Klein, K. U.
2017
- **Outcomes and trends of peripartum maternal admission to the intensive care unit.** *Wiener klinische Wochenschrift*
Farr, A., Lenz-Gebhart, A., Einig, S., Ortner, C., Holzer, I., Elhenicky, M., Husslein, P. W., Lehner, R.
2017
- **Hormonal and Clinical Predictors for Post-egg Retrieval Pain in Women Undergoing Assisted Reproductive Technology Procedures** *CLINICAL JOURNAL OF PAIN*
Vuilleumier, P. H., Dinges, E., Ciliberto, C., Ortner, C. M., Zarutskie, P., Landau, R.
2016; 32 (4): 313-320
- **Strong ion and weak acid analysis in severe preeclampsia: potential clinical significance** *BRITISH JOURNAL OF ANAESTHESIA*
Ortner, C. M., Combrinck, B., Allie, S., Story, D., Landau, R., Cain, K., Dyer, R. A.
2015; 115 (2): 275-284
- **The effects of low-dose ketamine on the analgesia nociception index (ANI) measured with the novel PhysioDoloris (TM) analgesia monitor: a pilot study** *JOURNAL OF CLINICAL MONITORING AND COMPUTING*
Bollag, L., Ortner, C. M., Jelacic, S., Rivat, C., Landau, R., Richebe, P.
2015; 29 (2): 291-295
- **Osteogenesis imperfecta: cesarean deliveries in identical twins** *INTERNATIONAL JOURNAL OF OBSTETRIC ANESTHESIA*
Dinges, E., Ortner, C., Bollag, L., DAVIES, J., Landau, R.
2015; 24 (1): 64-68
- **The Short-FormMcGill Pain Questionnaire-Revised to Evaluate Persistent Pain and Surgery-Related Symptoms in Healthy Women Undergoing a Planned Cesarean Delivery** *REGIONAL ANESTHESIA AND PAIN MEDICINE*
Ortner, C. M., Turk, D. C., Theodore, B. R., Siaulys, M. M., Bollag, L. A., Landau, R.
2014; 39 (6): 478-486
- **Repeated simulation-based training for performing general anesthesia for emergency cesarean delivery: long-term retention and recurring mistakes** *INTERNATIONAL JOURNAL OF OBSTETRIC ANESTHESIA*
Ortner, C. M., Richebe, P., Bollag, L. A., Ross, B. K., Landau, R.
2014; 23 (4): 341-347
- **Chronic pain after childbirth** *INTERNATIONAL JOURNAL OF OBSTETRIC ANESTHESIA*
Landau, R., Bollag, L., Ortner, C.
2013; 22 (2): 133-145
- **Preoperative scar hyperalgesia is associated with post-operative pain in women undergoing a repeat Cesarean delivery** *EUROPEAN JOURNAL OF PAIN*
Ortner, C. M., Granot, M., Richebe, P., Cardoso, M., Bollag, L., Landau, R.
2013; 17 (1): 111-123
- **Effect of Transversus Abdominis Plane Block With and Without Clonidine on Post-Cesarean Delivery Wound Hyperalgesia and Pain** *REGIONAL ANESTHESIA AND PAIN MEDICINE*
Bollag, L., Richebe, P., Siaulys, M., Ortner, C. M., Gofeld, M., Landau, R.
2012; 37 (5): 508-514
- **Dose response of tramadol and its combination with paracetamol in UVB induced hyperalgesia** *EUROPEAN JOURNAL OF PAIN*
Ortner, C. M., Steiner, I., Margeta, K., Schulz, M., Gustorff, B.
2012; 16 (4): 562-573
- **Transversus abdominis plane catheters for post-cesarean delivery analgesia: a series of five cases** *INTERNATIONAL JOURNAL OF OBSTETRIC ANESTHESIA*
Bollag, L., Richebe, P., Ortner, C., Landau, R.

2012; 21 (2): 176-180

- **Evaluation of performance of two different chest tubes with either a sharp or a blunt tip for thoracostomy in 100 human cadavers** *SCANDINAVIAN JOURNAL OF TRAUMA RESUSCITATION & EMERGENCY MEDICINE*

Ortner, C. M., Ruetzler, K., Schaumann, N., Lorenz, V., Schellongowski, P., Schuster, E., Salem, R. M., Frass, M.
2012; 20

- **Challenges in Interpreting Joined Allelic Combinations of OPRM1 and COMT Genes** *ANESTHESIA AND ANALGESIA*

Landau, R., Ortner, C., Carvalho, B.
2011; 113 (2): 432-432

- **Patient-controlled oral analgesia following cesarean section: tramadol versus a combination of tramadol and acetaminophen** *ACTA OBSTETRICIA ET GYNECOLOGICA SCANDINAVICA*

Ortner, C. M., Kimberger, O., Gustorff, B.
2011; 90 (8): 925-926

- **On the ropivacaine-reducing effect of low-dose sufentanil in intrathecal labor analgesia** *ACTA ANAESTHESIOLOGICA SCANDINAVICA*

Ortner, C. M., Posch, M., Roessler, B., Faybik, P., Ruetzler, K., Grabovica, J., Kimberger, O., Gustorff, B.
2010; 54 (8): 1000-1006