

Curriculum Vitae

Name: Holly B Ende
Work Email: holly.ende@vumc.org

Education

08/2003 - 05/2007 B.A. from Baylor University, Waco, TX
07/2007 - 06/2011 M.D. from Baylor College of Medicine, Houston, TX

Training

07/2011 - 06/2012 Internship in Transitional Year from The Methodist Hospital, Houston, TX
07/2012 - 06/2015 Residency in Anesthesiology from Brigham and Women's Hospital, Harvard Medical School, Boston, MA
07/2015 - 06/2016 Fellowship in Obstetric Anesthesiology from Brigham and Women's Hospital, Harvard Medical School, Boston, MA
01/2016 - 01/2016 Training in Value Based Healthcare from Harvard Business School, Boston, MA
02/2016 - 02/2016 Training in Clinical Teaching Skills Course from Harvard Medical School, Boston, MA
03/2016 - 03/2016 Training in Medical Education Course from Harvard Medical School, Boston, MA
01/2018 - 01/2018 Training in SEA Teaching Workshop from Society for Education in Anesthesia, Winter Park, FL
04/2019 - 10/2020 Training in Medical Informatics from Coursera Online Specialization
12/2020 - 12/2020 Training from EPIC Physician Builder Course

Licensure and Certification

2012 - Present Advanced Cardiac Life Support
2015 - Present Federal DEA License
03/2016 - Present American Board of Anesthesiology Certification (54686)
05/2016 - Present Medical License of Tennessee United States (54124)

Academic Appointments

08/2016 - Present Assistant Professor of Anesthesiology, Vanderbilt University (Nashville, Tennessee)
01/2017 - 04/2019 Medical Student Course Director, Anesthesiology, VUMC (Tennessee)
04/2017 - 11/2019 Associate Program Director Obstetric Anesthesiology Fellowship, Anesthesiology, VUMC (Nashville, Tennessee)
11/2019 - Present Program Director Obstetric Anesthesiology Fellowship, Anesthesiology, VUMC (Nashville, Tennessee)

Professional Organizations

2011 American Society of Anesthesiologists
2014 Society for Obstetric Anesthesia and Perinatology, Education Committee Member, PBLD Project Head
2016 Tennessee Society of Anesthesiologists, District 2 Director
2016 Society for Education in Anesthesia

Professional Activities

Intramural

03/2017 - Present Obstetric Anesthesia Fellowship Program Evaluation Committee
04/2017 - Present Obstetric Anesthesia Fellowship Clinical Competency Committee
05/2017 - Present Residency Clinical Competency Committee
07/2017 - 06/2019 End-of-Day Taskforce, Anesthesiology, Taskforce member
10/2018 - 02/2019 Early and Mid-Career Taskforce, Anesthesiology, Taskforce member

Extramural

03/2016 - Present	Society for Obstetric Anesthesia and Perinatology Education Committee
01/2018 - 02/2019	Tennessee Society of Anesthesiologists - Annual Meeting Planning Committee, Anesthesiology
10/2019 - Present	Society for Obstetric Anesthesia and Perinatology Program Director's Committee, Anesthesiology
11/2019 - Present	Ad-hoc Reviewer for International Journal of Obstetric Anesthesia
12/2020 - Present	Ad-hoc Reviewer for Anesthesia & Analgesia

Teaching Activities

08/2016 - 08/2016	Embolic Disorders during Pregnancy, Lecturer, VUH4, 8/26/16
09/2016 - 09/2016	Post-Cesarean Analgesia, Lecturer, VUH4, 9/16/16
10/2016 - 10/2016	Utero-Placental Function, Lecturer, VUH4, 10/31/16
11/2016 - 11/2016	Embolic Disorders during Pregnancy, Lecturer, VUH4, 11/18/16
11/2016 - 11/2016	Post-Cesarean Analgesia, Lecturer, VUH4, 11/11/16
11/2016 - 11/2016	Hypertensive Disorders of Pregnancy, Lecturer, VUH4, 11/3/16
11/2016 - 11/2016	Neuraxial Analgesia - Side Effects and Complications, Lecturer, VUH4, 11/25/16
12/2016 - 12/2016	Hypertensive Disorders of Pregnancy, Lecturer, VUH4, 12/1/16
12/2016 - 12/2016	Introduction to Obstetric Anesthesia, Lecturer, VUH 2301, 12/7/16
12/2016 - 12/2016	Neuraxial Anesthesia - Anatomy, Physiology, and Technique, Lecturer, VUH4, 12/21/16
12/2016 - 12/2016	Preterm Labor - Risks, Goals, and Management, Lecturer, VUH4, 12/29/16
12/2016 - 12/2016	Neuraxial Analgesia - Effects on Labor Progress and the Fetus, Lecturer, VUH4, 12/8/16
01/2017 - 01/2017	Introduction to Obstetric Anesthesia, Lecturer, TVC 4648, 1/24/17
01/2017 - 01/2017	Neuraxial Anesthesia - Anatomy, Physiology, and Technique, Lecturer, VUH4, 1/18/17
01/2017 - 01/2017	Anesthesia for Non-Obstetric Surgery, Lecturer, VUH4, 1/11/17
02/2017 - 02/2017	Embolic Disorders during Pregnancy, Lecturer, VUH4, 2/10/17
02/2017 - 02/2017	Utero-Placental Function, Lecturer, VUH4, 2/20/17
02/2017 - 02/2017	Introduction to Obstetric Anesthesia, Lecturer, LH 407C, 2/16/17
02/2017 - 02/2017	Multiple Gestations & Abnormal Placentation, Lecturer, VUH4, 2/28/17
03/2017 - 03/2017	Post-Cesarean Analgesia, Lecturer, VUH4, 3/31/17
03/2017 - 03/2017	Critical Care Considerations in Pregnancy, Lecturer, VU School of Nursing, 3/15/17
03/2017 - 03/2017	Safe & Effective Conduct of Neuraxial Anesthesia for Cesarean Delivery, Lecturer, VUH4, 3/16/17
04/2017 - 04/2017	Multiple Gestations & Abnormal Presentation, Lecturer, VUH4, 4/25/17
04/2017 - 04/2017	Anesthesia for Non-Obstetric Surgery, Lecturer, VUH4, 4/5/17
07/2017 - 07/2017	Multiple Gestation & Abnormal Presentation, Lecturer, VUH4
07/2017 - 07/2017	Uteroplacental Function & Anesthetic-Induced Hypotension, Lecturer, VUH4
07/2017 - 07/2017	Introduction to Obstetric Anesthesia, Lecturer, VUH 2301
08/2017 - 08/2017	Postpartum Assessment - Emphasis on Neurologic Complications, Lecturer, VUH4
08/2017 - 08/2017	CA1 Survival Series: Non-obstetric Surgery for the Pregnant Patient, Lecturer, VUH 2301
08/2017 - 08/2017	Anesthetic Mortality - Emphasis on Airway & Pulmonary Aspiration, Lecturer, VUH4
08/2017 - 08/2017	CA1 Survival Series: GYN Anesthesia, Lecturer, VUH 2301
08/2017 - 08/2017	FHD: FHD Seminar 1, Small Group Facilitator
08/2017 - 08/2017	Anesthesia for Non-Obstetric Surgery, Lecturer, VUH4
09/2017 - 09/2017	Postpartum Assessment - Emphasis on Neurologic Complications, Lecturer, VUH4, 9/11/17
09/2017 - 09/2017	Safe & Effective Conduct of Neuraxial Anesthesia, Lecturer, VUH4, 9/27/17
09/2017 - 09/2017	Emergency Cesarean Delivery, Lecturer, VUH4, 9/6/17
09/2017 - 09/2017	FHD Seminar 2, Small Group Facilitator, LH, 9/25/17
10/2017 - 10/2017	Hypertensive Disorders of Pregnancy, Lecturer, VUH4
10/2017 - 10/2017	Postpartum Assessment - Emphasis on Neurologic Complications, Lecturer, VUH4
11/2017 - 11/2017	Preterm Labor, Lecturer, VUH4
11/2017 - 11/2017	Emergency Cesarean Delivery, Lecturer, VUH4

11/2017 - 11/2017	Foundations in Healthcare Delivery: FHD Seminar 3, Small Group Facilitator, 11/6/17
12/2017 - 12/2017	Postpartum Assessment - Emphasis on Neurologic Complications, Lecturer, VUH4
12/2017 - 12/2017	Embolic Disorders during Pregnancy, Lecturer, VUH4
01/2018 - 01/2018	Foundations in Healthcare Delivery: FHD Seminar 4, Small Group Facilitator, LH, 1/22/18
01/2018 - 01/2018	Preterm Labor, Lecturer, VUH4
02/2018 - 02/2018	Embolic Disorders during Pregnancy, Lecturer, VUH4
02/2018 - 02/2018	Hypertensive Disorders of Pregnancy, Lecturer, VUH4
03/2018 - 03/2018	Neuraxial Analgesia A - Anatomy, Physiol, Technique, Lecturer, VUH4
03/2018 - 03/2018	Emergency Cesarean Delivery, Lecturer, VUH4
03/2018 - 03/2018	Foundations in Healthcare Delivery: FHD Seminar 5, Small Group Facilitator, LH, 3/26/18
03/2018 - 03/2018	Critical Care Considerations in Pregnancy, Lecturer, VU School of Nursing, 3/20/18
05/2018 - 05/2018	Anesthesia for Non-Obstetric Surgery, Lecturer, VUH4
05/2018 - 05/2018	Multiple Gestation and Abnormal Placentation, Lecturer, VUH4
06/2018 - 06/2018	Safe & Effective Conduct of Neuraxial Anesthesia for Cesarean Delivery, Lecturer, VUH4
07/2018 - 07/2018	Embolic Disorders during Pregnancy, Lecturer, VUH4
07/2018 - 07/2018	Safe & Effective Conduct of Neuraxial Anesthesia for Cesarean Delivery, Lecturer, VUH4
08/2018 - 08/2018	Neuraxial Analgesia B - Side Effects, Complications, Lecturer, VUH4
08/2018 - 08/2018	Anesthetic Mortality - Emphasis on Airway & Pulmonary Aspiration, Lecturer, VUH4
09/2018 - 09/2018	Preterm Labor, Lecturer, VUH4
10/2018 - 10/2018	Emergency Cesarean Delivery, Lecturer, VUH4
10/2018 - 10/2018	Neuraxial Analgesia B - Side Effects, Complications, Lecturer, VUH4
11/2018 - 11/2018	Antepartum & Postpartum Hemorrhage, Lecturer, VUH4
12/2018 - 12/2018	Neuraxial Analgesia B - Side Effects, Complications, Lecturer, VUH4
12/2018 - 12/2018	Multiple Gestation & Abnormal Presentation, Lecturer, VUH4
01/2019 - 01/2019	CA2/3 Didactics: WOMAN Trial, Lecturer, Light Hall
01/2019 - 01/2019	Critical Care Considerations in Pregnancy, Lecturer, VU School of Nursing
01/2019 - 01/2019	Uteroplacental Function & Anesthetic-Induced Hypotension, Lecturer, VUH4
01/2019 - 01/2019	Physiologic Changes of Pregnancy, Lecturer, VUH4
01/2019 - 01/2019	Anesthesia for Non-Obstetric Surgery, Lecturer, VUH4
02/2019 - 02/2019	Preterm Labor, Lecturer, VUH4
02/2019 - 02/2019	Neuraxial Analgesia A - Anatomy, Physiol, Technique, Lecturer, VUH4
02/2019 - 02/2019	Journal Club: ARRIVE Trial, Lecturer, VUH4
03/2019 - 03/2019	Embolic Disorders during Pregnancy, Lecturer, VUH4
03/2019 - 03/2019	Neuraxial Analgesia B - Side Effects, Complications, Lecturer, VUH4
03/2019 - 03/2019	Emergency Cesarean Delivery, Lecturer, VUH4
02/2020 - 04/2020	

Research Supervision / Mentorship

07/2017 - 06/2018	Britany Raymond, M.D. Vanderbilt University Medical Center, Current Position: Obstetric Anesthesia Fellow. (General Mentorship)
07/2017 - 06/2018	Bradley Kook, M.D. Vanderbilt University Medical Center, Current Position: Obstetric Anesthesia Fellow. (General Mentorship)
07/2018 - Present	Riley Landreth (Resident, Clinical)
07/2018 - 06/2019	Mallika Thampy Current Position: Obstetric Anesthesia Fellow. (General Mentorship)
08/2019 - Present	Robyn Dwan (General Mentorship)
08/2019 - Present	Binh Tran (General Mentorship)

Other Significant Activities

03/2017	EPIC Liaison for Obstetric Anesthesia Division:
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Grants and Funding

Grant number unavailable	Holly Ende (PI)	05/2015 - 06/2016
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Brigham and Women's Hospital Departmental Funding
Association of Interindividual Variation in Plasma Oxytocin With Postcesarean Incisional Pain
Role: Co-Investigator
Total Cost: \$10,000.00

Grant number unavailable 10/2015 - 06/2016
Brigham and Women's Hospital Centers of Expertise in Medical Education
Assessing Resident Competency and Satisfaction Following Implementation of a Novel Interactive Curriculum
Role: Principal Investigator
Total Cost: \$3,700.00

Grant number unavailable Holly Ende (PI) 05/2018 - 02/2019
Society for Obstetric Anesthesia and Perinatology
A randomized, double-blind, placebo-controlled trial of gabapentin in the post-cesarean pain management of patients receiving buprenorphine
Role: Principal Investigator
Total Cost: \$10,000.00

Grant number unavailable 11/2020 - Present
Vanderbilt Institute for Clinical and Translational Research
Genetic Variance in Uterine Atony
Role: Principal Investigator
Total Cost: \$790.00

Honors / Awards

2006	Phi Beta Kappa Honor Society
2006	Goldwater Scholar, The Barry Goldwater Scholarship and Excellence in Education Foundation, Awarded for dedication to research in science or mathematics
2010	Alpha Omega Alpha Honor Medical Society
05/2011	Student Ambassador Award, Baylor College of Medicine Alumni Association
05/2011	Glasgow-Rubin Certificate of Commendation for Academic Achievement, American Medical Women's Association
05/2011	Medical Student Recognition Award, American Society of Anesthesiologists
06/2015	Distinguished Resident Award, Brigham and Women's Department of Anesthesiology, Awarded to top resident in graduating class
05/2017	Annual Meeting Top 15 Research Poster, Society for Obstetric Anesthesia and Perinatology, The impact of labor prior to cesarean delivery on postoperative pain and opioid consumption
05/2017	Annual Meeting Top 15 Research Poster, Society for Obstetric Anesthesia and Perinatology, Is oxytocin protective against pain? Evidence of an association between plasma oxytocin levels and acute and chronic pain after cesarean delivery

Publications

Peer Reviewed Publications

Research Articles

1. Munoz E 3rd, Briggs H, Tolpin DA, Lee VV, Crane T, Elayda MA, Collard CD. Low serum sodium level during cardiopulmonary bypass predicts increased risk of postoperative stroke after coronary artery bypass graft surgery. *J Thorac Cardiovasc Surg* 2014 April;147(4):1351-1355. PMID: 24189318.
2. Bateman, Brian T. MD, MSc; Cole, Naida M. MD; Maeda, Ayumi MD; Burns, Sara M. MS; Houle, Timothy T. PhD; Huybrechts, Krista F. MS, PhD; Clancy, Caitlin R. BA; Hopp, Stephanie B. MS, MHS; Ecker, Jeffrey L. MD; **Ende, Holly** MD; Grewe, Kasey MD; Raposo Corradini, Beatriz MS; Schoenfeld, Robert E. BS; Sankar, Keerthana BS; Day, Lori J. MD; Harris, Lynnette BSN; Booth, Jessica L. MD; Flood, Pamela MD, MA; Bauer, Melissa E. DO; Tsen, Lawrence C. MD; Landau, Ruth MD; Leffert, Lisa R. MD. Patterns of Opioid Prescription and Use After Cesarean Delivery. *Obstetrics & Gynecology* 2017 July;130(1):29-35. PMID: 28594763.

3. **Ende HB**, Soens MA, Nandi M, Strichartz GR, Schreiber KL. Association of Interindividual Variation in Plasma Oxytocin With Postcesarean Incisional Pain. *Anesth Analg* 2018 July; PMID: 29916862.
4. **Ende HB**, Lumbreras-Marquez MI, Farber MK, Fields KG, Tsen LC. A cluster quasi-randomized controlled trial of an interactive, monthly obstetric anesthesiology curriculum: impact on resident satisfaction and knowledge retention. *Int J Obstet Anesth* 2020 September; online ahead of print: PMID: 33121886.
5. **Ende HB**, Lozada MJ, Chestnut DH, Osmundson SS, Walden RL, Shotwell MS, Bauchat JR. Risk Factors for Atonic Postpartum Hemorrhage: A Systematic Review and Meta-analysis. 2021 February;137(2).

Review Articles

1. Jelly CA, **Ende HB**, Freundlich RE. Terminology, communication, and information systems in non-operating room anaesthesia. *Curr Opin Anaesthesiol* 2020 May;33(4):548-553. PMID: 32530893.

Non-Peer Reviewed Publications

Review Articles

1. **Ende H**, Varelmann D. Respiratory Considerations Including Airway and Ventilation Issues in Critical Care Obstetric Patients. *Obstet Gynecol Clin North Am* 2016 December;43(4):699-708. PMID: 27816155.

Book Chapters

1. Holly Ende and Dirk Varelmann. Obstetric Critical Care. Pocket ICU. Editors: Gyorgy Frendl and Richard Urman. Philadelphia, Pennsylvania, United States: Lippincott Williams & Wilkins; 2017 March;2 ISBN: 9781496358172.
2. Dominique Arce and Holly Ende. Labor Pain. Pain Medicine: An Essential Review. Editors: R. Jason Yong, Michael Nguyen, Ehren Nelson, Richard D. Urman. Switzerland: Springer International Publishing; 2017 March;1 515-518. ISBN: 978-3-319-43131-4.
3. **Ende, HB**. Anesthesia for the Morbidly Obese Pregnant Patient. *Obstetric Anesthesia for Co-morbid Conditions*. Springer; 2018 September.
4. Conroy L, McQueen KA, **Ende HB**. Analgesia for Labor. *Faust's Anesthesiology Review*, Fifth Edition. Editors: Trentman TL, Gaitan BD, Gali B, Johnson RL, Mueller JT, Rose SH, Weingarten T. Philadelphia, Pennsylvania, United States: Elsevier; 2019 April; ISBN: 978-0-323-56702-2.
5. Conroy L, McQueen KA, **Ende HB**. Preterm Labor: Tocolytics and Anesthetic Management. *Faust's Anesthesiology Review*, Fifth Edition. Editors: Trentman TL, Gaitan BD, Gali B, Johnson RL, Mueller JT, Rose SH, Weingarten T. Philadelphia, Pennsylvania, United States: Elsevier; 2019 April; ISBN: 978-0-323-56702-2.
6. **Ende HB**, McQueen KA. Hypertensive Disorders of Pregnancy. *Faust's Anesthesiology Review*, Fifth Edition. Editors: Trentman TL, Gaitan BD, Gali B, Johnson RL, Mueller JT, Rose SH, Weingarten T. Philadelphia, Pennsylvania, United States: Elsevier; 2019 April; ISBN: 978-0-323-56702-2.
7. **Ende HB**, McQueen KA. Anesthesia for Cesarean Delivery. *Faust's Anesthesiology Review*, Fifth Edition. Editors: Trentman TL, Gaitan BD, Gali B, Johnson RL, Mueller JT, Rose SH, Weingarten T. Philadelphia, Pennsylvania, United States: Elsevier; 2019 April; ISBN: 978-0-323-56702-2.
8. **Ende HB**, McQueen KA. Peripartum Hemorrhage. *Faust's Anesthesiology Review*, Fifth Edition. Editors: Trentman TL, Gaitan BD, Gali B, Johnson RL, Mueller JT, Rose SH, Weingarten T. Philadelphia, Pennsylvania, United States: Elsevier; 2019 April; ISBN: 978-0-323-56702-2.
9. **Ende HB**, McQueen KA. Opioid Dependence in the Parturient. *Faust's Anesthesiology Review*, Fifth Edition. Editors: Trentman TL, Gaitan BD, Gali B, Johnson RL, Mueller JT, Rose SH, Weingarten T. Philadelphia, Pennsylvania, United States: Elsevier; 2019 April; ISBN: 978-0-323-56702-2.

Others

1. **Ende HB**, Ellinas E. Reaping the Rewards of an Obstetric Anesthesiology Fellowship. 2016 December;4-6.
2. Leslie Conroy, Holly Ende. Non-Obstetric Surgery During Pregnancy. 2017 April.
3. **Ende HB**, Raymond BL, Kacmar R. The Role of POCUS in Obstetric Anesthesia. 2020 December.

Presentations

Internal Grand Rounds

1. Holly Ende, MD. Vanderbilt Department of Anesthesiology; Nashville, Tennessee. 2017 Sep 1; Pain & Opioid Use in the Peripartum Period.

Invited Presentation - Regional

1. Tennessee Society of Anesthesiologists Annual Meeting. Nashville, Tennessee. 2018 Feb 24; Latest and Greatest Trends in Obstetric Anesthesia.

Presentations at Scientific Meetings

1. Holly Ende. Society for Obstetric Anesthesia and Perinatology Annual Meeting. Boston, Massachusetts. 2016 May; Implementing an Interactive Obstetric Anesthesia Curriculum: Impact on Resident Competency and Satisfaction.
2. Holly Ende. Society for Obstetric Anesthesia and Perinatology Annual Meeting. Boston, Massachusetts. 2016 May; Concordance of Predicted Difficult Airway and Back Parameters with Difficult Labor Epidural Placements – A Prospective Observational Study.
3. Annual Meeting. Society for Obstetric Anesthesia and Perinatology; Seattle, Washington. 2017 May 12; The impact of labor prior to cesarean delivery on postoperative pain and opioid consumption.
4. Annual Meeting. Society for Obstetric Anesthesia and Perinatology; Seattle, Washington. 2017 May 12; Is oxytocin protective against pain? Evidence of an association between plasma oxytocin levels and acute and chronic pain after cesarean delivery.
5. Dwan R, Kim SM, Ende HB. Society for Obstetric Anesthesia and Perinatology Annual Meeting, meeting canceled secondary to COVID-19. Halifax, Nova Scotia, Canada. 2020 May; A Pregnant Transgendered Patient with Bicuspid Aortic Stenosis [CANCELLED].
6. Ende HB, Lozada J, Chestnut D, Walden RL, Bauchat J. Society for Obstetric Anesthesia and Perinatology Annual Meeting, meeting canceled secondary to COVID-19. Halifax, Nova Scotia, Canada. 2020 May; Risk factors for the development of uterine atony following vaginal or cesarean delivery: A systematic review [CANCELLED].
7. Ende HB, Sorabella L, Raymond B, Richardson MG, Feng X, Bauchat J. Society for Obstetric Anesthesia and Perinatology Annual Meeting, meeting canceled secondary to COVID-19. Halifax, Nova Scotia, Canada. 2020 May; Gabapentin does not affect post-cesarean opioid consumption or pain scores in women taking buprenorphine and receiving neuraxial morphine: a 10-year retrospective cohort study [CANCELLED].
8. Dwan R, Ende HB, Dumas S, Sorabella L, Raymond B, Shotwell M, Wanderer J, Bauchat J. Society for Obstetric Anesthesia and Perinatology Annual Meeting, meeting canceled secondary to COVID-19. Halifax, Nova Scotia, Canada. 2020 May; The Incidence of Clinically Significant Respiratory Depression in Women with a BMI ($\geq 40\text{kg/m}^2$) Receiving Neuraxial Morphine Post-Cesarean Delivery: A Retrospective Chart Review [CANCELLED].
9. Tran B, Ende HB, Thampy M, McCarthy R, Bauchat J. Society for Obstetric Anesthesia and Perinatology Annual Meeting, meeting canceled secondary to COVID-19. Halifax, Nova Scotia, Canada. 2020 May; Standardization of Epidural Top-ups for Breakthrough Labor Pain Results in Faster Replacements [CANCELLED].
10. Tran B, Ende HB, Bauchat J. Society for Obstetric Anesthesia and Perinatology Annual Meeting, meeting canceled secondary to COVID-19. Halifax, Nova Scotia, Canada. 2020 May; Perspectives from Labor & Delivery: Understanding the Risks and Avoidance of General Anesthesia Use for Cesarean Delivery [CANCELLED].
11. Dumas S, Ende HB, Newton J, White S, Bauchat JR. Society for Obstetric Anesthesia and Perinatology Annual Meeting, meeting canceled secondary to COVID-19. Halifax, Nova Scotia, Canada. 2020 May; Decision to Incision Time: Effects of Pre-briefs Prior to Unscheduled Cesarean Deliveries [CANCELLED].

Medically Challenging Cases

1. Holly Ende. Society for Obstetric Anesthesia and Perinatology Annual Meeting. Colorado Springs, Colorado. 2015 May; Tracheal Dilation During the Third Trimester: Anesthetic Considerations.
2. Britany Raymond. Society for Obstetric Anesthesia and Perinatology Annual Meeting. Miami, Florida. 2018 May; Preoperative Placement of a Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) Catheter for Dilation and Evacuation with Invasive Placentation.
3. Britany Raymond. Society for Obstetric Anesthesia and Perinatology Annual Meeting. Miami, Florida. 2018 May; Cesarean Delivery During an Acute Type A Aortic Dissection.
4. Britany Raymond. Society for Obstetric Anesthesia and Perinatology Annual Meeting. Miami, Florida. 2018 May; Midline Shift of Both the Brain and Trachea: Cesarean Delivery in the Setting of Increased ICP and Mediastinal Mass.
5. Alexa Ron. Society for Obstetric Anesthesia and Perinatology Annual Meeting. Phoenix, Arizona. 2019 May 4; Coagulopathy and Vitamin K Deficiency in a Parturient with Intrahepatic Cholestasis of Pregnancy.
6. Holly Ende. MSA Case Conference. Nashville, Tennessee. 2019 Nov 13; Orthopedic Trauma with Myocardial Contusion.

7. Hicks MH, Weavind L, Ende HB. American Society of Anesthesiologists Annual Meeting. Washington, District of Columbia. 2020 Oct; Acute Right Ventricular Failure due to Myocardial Confusion Following Blunt Chest Trauma.
8. Young EM, Edwards DA, Ende HB. American Society of Anesthesiologists Annual Meeting. Washington, District of Columbia. 2020 Oct; Multiple Failed Epidural Analgesics in a Laboring Primigravida with a Spinal Cord Stimulator.
9. Ramanujan KS, Carver C, Ende HB. American Society of Anesthesiologists Annual Meeting. Washington, District of Columbia. 2020 Oct; Intraoperative Sugammadex-Associated Anaphylaxis.

External Grand Rounds

1. University of Texas at Houston; Houston, Texas. 2018 Jul 12; Pain & Opioid Use in the Peripartum Period.
2. Obstetric Division Grand Rounds. Brigham and Women's Hospital; Boston, Massachusetts. 2020 Nov 23; Risk Stratification for Postpartum Hemorrhage.
3. Holly Ende. University of Maryland; 2021 Jan 14; Risk Stratification for Postpartum Hemorrhage.

Panel Presentation

1. Holly Ende, Michael Rossi, Susan Dumas, Bantayehu Sileshi, Thomas Christianson. Tennessee Society of Anesthesiologists Annual Meeting. Nashville, Tennessee. 2019 Feb 23; Hot Topics in Subspecialty Anesthesiology.

Podcasts / Webinar

1. Obstetric Anesthesia Virtual Grand Rounds. Society for Obstetric Anesthesia and Perinatology; 2020 Nov 11; Risk Stratification for Postpartum Hemorrhage.