Stanford



Yair Blumenfeld, MD

Professor of Obstetrics and Gynecology (Maternal Fetal Medicine)

Obstetrics & Gynecology - Maternal Fetal Medicine

CLINICAL OFFICE (PRIMARY)

- **Obstetrics Clinic**

  770 Welch Rd Ste 201

  Palo Alto, CA 94304

  Tel (650) 498-4069 **Fax** (650) 725-2062

Bio

CLINICAL FOCUS

- Maternal-Fetal Medicine
- Prenatal Diagnosis
- Fetal Therapy
- Clinical Obstetrics
- Maternal and Fetal Medicine

ACADEMIC APPOINTMENTS

- Professor-Univ Med Line, Obstetrics & Gynecology - Maternal Fetal Medicine
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Director of Fetal Therapy, Lucile Packard Children's Hospital, (2017- present)
- District IX, Section II Chair, ACOG, (2015-2017)
- Chair, Education Committee, SMFM, (2015-2016)
- Medical Director, Labor & Delivery, Lucile Packard Children's Hospital, (2013-2017)
- Education Committee, SMFM, (2011-2016)
- District IX, Section II Vice-Chair, ACOG, (2011-2015)
- QA Committee, District IX, ACOG, (2011-2015)
- CREOG Committee, ACOG, (2011-2013)
- Obstetrics QA Committee, Stanford University School of Medicine, (2010-2017)
- Informatics Committee, SMFM, (2010-2014)
- Obstetrics Practice Committee, ACOG, (2009-2011)

- Associate Member Representative, SMFM, (2008-2009)
- District IX, Junior Fellow Chair, ACOG, (2008-2009)

HONORS AND AWARDS

- Mentorship Award, American College of Obstetricians & Gynecologists (2022)
- APGO Teaching Award, Department of Obstetrics & Gynecology, Stanford University (2012)
- Resident Teaching Award, Department of Obstetrics & Gynecology, Stanford University (2011)
- Outstanding Clinical Fellow, Department of Obstetrics & Gynecology, Stanford University (2008)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Maternal Fetal Medicine Fellowship (2009) CA
- Residency: Mount Sinai Medical Center (2006) NY
- Board Certification: Maternal and Fetal Medicine, American Board of Obstetrics and Gynecology (2011)
- Board Certification: Obstetrics and Gynecology, American Board of Obstetrics and Gynecology (2008)
- Fellowship, Stanford University , Maternal-Fetal Medicine (2009)
- Internship: Mount Sinai Medical Center (2003) NY
- Medical Education: Sackler School of Medicine (2002) Israel

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

prenatal diagnosis, genetics, clinical obstetrics

CLINICAL TRIALS

- Gastroschisis Outcomes of Delivery (GOOD) Study, Recruiting
- Renal Anhydramnios Fetal Therapy, Not Recruiting
- Fetal Endoscopic Tracheal Occlusion (FETO) for Severe Congenital Diaphragmatic Hernia, Not Specified

Publications

PUBLICATIONS

- **Data-driven longitudinal characterization of neonatal health and morbidity.** *Science translational medicine*
  De Francesco, D., Reiss, J. D., Roger, J., Tang, A. S., Chang, A. L., Becker, M., Phongpreecha, T., Espinosa, C., Morin, S., Berson, E., Thuraiappah, M., Le, B. L., Ravindra, et al
  2023; 15 (683): eadc9854

- **Prepregnancy body mass index and gestational diabetes mellitus across Asian and Pacific Islander subgroups in California.** *AJOG global reports*
  Sperling, M. M., Leonard, S. A., Blumenfeld, Y. J., Carmichael, S. L., Chueh, J.
  2023; 3 (1): 100148

- **Fasting Compared With Fed and Oral Intake Before the 1-Hour Oral Glucose Tolerance Test: A Randomized Controlled Trial.** *Obstetrics and gynecology*
  Sperling, M. M., Leonard, S. A., Miller, S. E., Hurtado, J., El-Sayed, Y. Y., Herrero, T., Faig, J., Carter, S., Blumenfeld, Y. J.
  2023; 141 (1): 126-133

- **Design and Protocol of the Renal Anhydramnios Fetal Therapy (RAFT) Trial.** *Clinical therapeutics*
  Atkinson, M. A., Jelin, E. B., Baschat, A., Blumenfeld, Y. J., Chmait, R. H., O'Hare, E., Moldenhauer, J. S., Zaretsky, M. V., Miller, R. S., Ruano, R., Gonzalez, J. M., Johnson, A., Mould, et al
  2022

- **Impact of a Potential 20-Week Abortion Ban on Likelihood of Completing Required Views in Second-Trimester Fetal Anatomy Ultrasound.** *American journal of perinatology*
  Henkel, A., Beshar, I., Cahill, E. P., Blumenfeld, Y. J., Chueh, J., Shaw, K. A.
  2022
- **A data-driven health index for neonatal morbidities.** *iScience*
  De Francesco, D., Blumenfeld, Y. J., Maric, I., Mayo, J. A., Chang, A. L., Fallahzadeh, R., Phongpreecha, T., Butwick, A. J., Xenochristou, M., Phibbs, C. S., Bidoki, N. H., Becker, M., Culos, et al
  2022; 25 (4): 104143
- **Virtual reality experience for in utero fetal surgery: a new era of patient counselling and medical education** *BMJ INNOVATIONS*
  Blumenfeld, Y. J., Axelrod, D. M., Sarno, D., Hintz, S. R., Sylvester, K. G., Grant, G. A., Belfort, M. A., Shamshirsaz, A. A., El-Sayed, Y. Y.
  2022; 8 (2): 95-97
- **Maternal-fetal medicine fellows' perception and comfort with obstetrical ultrasound and prenatal diagnosis.** *American journal of obstetrics & gynecology MFM*
  Holliman, K., Pluym, I. D., Grechukhina, O., Blumenfeld, Y. J., Plattmd, L. D., Copel, J. A., Han, C. S.
  2022: 100601
- **Development and in-vitro characterization of a novel fetal vesicoamniotic shunt - the Vortex Shunt.** *Prenatal diagnosis*
  Sheth, K. R., Danzer, E., Johnson, E., Wall, J. K., Blumenfeld, Y. J.
  1800
- **Maternal Hyperoxygenation Testing in Fetuses with Hypoplastic Left-Heart Syndrome: Association with Postnatal Atrial Septal Restriction.** *Fetal diagnosis and therapy*
  Mardy, C., Kaplinski, M., Peng, L., Blumenfeld, Y. J., Kwiatkowski, D. M., Tacy, T. A., Maskatia, S. A.
  2021: 1-12
- **PretermConnect: Leveraging mobile technology to mitigate social disadvantage in the NICU and beyond.** *Seminars in perinatology*
  Jani, S. G., Nguyen, A. D., Abraham, Z., Scala, M., Blumenfeld, Y. J., Morton, J., Nguyen, M., Ma, J., Hsing, J. C., Moiwa-Grant, M., Profit, J., Wang, C. J.
  2021: 151413
- **Postpartum depression in mothers with pregnancies complicated by fetal cardiac anomaly.** *Journal of perinatology : official journal of the California Perinatal Association*
  Waldrop, A. R., Sherwin, E. B., Anderson, J. N., Boissiere, J. C., Hintz, S. R., Maskatia, S. A., Girsen, A. I., Blumenfeld, Y. J.
  2021
- **Proteomic signatures predict preeclampsia in individual cohorts but not across cohorts - implications for clinical biomarker studies.** *The journal of maternal-fetal & neonatal medicine : the official journal of the European Association of Perinatal Medicine, the Federation of Asia and Oceania Perinatal Societies, the International Society of Perinatal Obstetricians*
  Ghaemi, M. S., Tarca, A. L., Romero, R. n., Stanley, N. n., Fallahzadeh, R. n., Tanada, A. n., Culos, A. n., Ando, K. n., Han, X. n., Blumenfeld, Y. J., Druzin, M. L., El-Sayed, Y. Y., Gibbs, et al
  2021: 1–8
- **A Fetal Risk Stratification Pathway for Neonatal Aortic Coarctation Reduces Medical Exposure.** *The Journal of pediatrics*
  Maskatia, S. A., Kwiatkowski, D., Bhombal, S., Davis, A. S., McElhinney, D. B., Tacy, T. A., Algaze, C., Blumenfeld, Y., Quirin, A., Punn, R.
  2021
- **Individualized growth assessment in pregnancies complicated by fetal gastroschisis.** *The journal of maternal-fetal & neonatal medicine : the official journal of the European Association of Perinatal Medicine, the Federation of Asia and Oceania Perinatal Societies, the International Society of Perinatal Obstetricians*
  Sherwin, E., Deter, R., Joudi, N., Trepman, P., Lee, W., El-Sayed, Y. Y., Girsen, A. I., Datoc, I., Hintz, S. R., Blumenfeld, Y. J.
  2021: 1-11
- **A Peripheral Immune Signature of Labor Induction.** *Frontiers in immunology*
  Ando, K., Hédou, J. J., Feyaerts, D., Han, X., Ganio, E. A., Tsai, E. S., Peterson, L. S., Verdonk, F., Tsai, A. S., Marić, I., Wong, R. J., Angst, M. S., Aghaeepour, et al
  2021; 12: 725989
- **Association between Neuraxial Labor Analgesia and Neonatal Morbidity after Operative Vaginal Delivery.** *Anesthesiology*

Butwick, A. J., Wong, C. A., Lee, H. C., Blumenfeld, Y. J., Guo, N. n.
2021; 134 (1): 52–60

- **Data-Driven Modeling of Pregnancy-Related Complications.** *Trends in molecular medicine*
  Espinosa, C. n., Becker, M. n., Marić, I. n., Wong, R. J., Shaw, G. M., Gaudilliere, B. n., Aghaeepour, N. n., Stevenson, D. K.
  2021

- **RASopathies: A significant cause of polyhydramnios?** *Prenatal diagnosis*
  Mangels, R., Blumenfeld, Y. J., Homeyer, M., Mrazek-Pugh, B., Hintz, S. R., Hudgins, L.
  2020

- **Response to "Contemporary Outcomes of Patients with Isolated Bilateral Renal Agenesis with and without Fetal Intervention" by RAFT Investigators.** *Fetal diagnosis and therapy*
  Jelin, E. B., Atkinson, M., Keiser, A., Blumenfeld, Y. J., Baschat, A. A.
  2020: 1–2

- **New approaches to congenital diaphragmatic hernia.** *Current opinion in obstetrics & gynecology*
  Blumenfeld, Y. J., Belfort, M. A.
  2020

- **Racial and Ethnic Disparities in Hospital-Based Care Associated with Postpartum Depression.** *Journal of racial and ethnic health disparities*
  Chan, A. L., Guo, N. n., Popat, R. n., Robakis, T. n., Blumenfeld, Y. Y., Main, E. n., Scott, K. A., Butwick, A. J.
  2020

- **In fetuses with congenital lung masses, decreased ventricular and atrioventricular valve dimensions are associated with lesion size and clinical outcome.** *Prenatal diagnosis*
  Mardy, C., Blumenfeld, Y. J., Arunamata, A. A., Girsen, A. I., Sylvester, K. G., Halabi, S., Rubesova, E., Hintz, S. R., Tacy, T. A., Maskatia, S. A.
  2019

- **Single Cell Transcriptomes Derived from Human Cervical and Uterine Tissue during Pregnancy** *ADVANCED BIOSYSTEMS*
  Koh, W., Wu, A., Penland, L., Treutlein, B., Neff, N. F., Mantalas, G. L., Blumenfeld, Y. J., El-Sayed, Y. Y., Stevenson, D. K., Shaw, G. M., Quake, S. R.
  2019; 3 (11)

- **Single Cell Transcriptomes Derived from Human Cervical and Uterine Tissue during Pregnancy.** *Advanced biosystems*
  Koh, W., Wu, A., Penland, L., Treutlein, B., Neff, N. F., Mantalas, G. L., Blumenfeld, Y. J., El-Sayed, Y. Y., Stevenson, D. K., Shaw, G. M., Quake, S. R.
  2019; 3 (11): e1800336

- **Development and validation of a machine learning model for prediction of shoulder dystocia.** *Ultrasound in obstetrics & gynecology : the official journal of the International Society of Ultrasound in Obstetrics and Gynecology*
  Tsur, A., Batsry, L., Toussia-Cohen, S., Rosenstein, M. G., Barak, O., Brezinov, Y., Yoeli-Ullman, R., Sivan, E., Sirota, M., Druzin, M. L., Stevenson, D. K., Blumenfeld, Y. J., Aran, et al
  2019

- **Effects of gestational age at delivery and type of labor on neonatal outcomes among infants with gastroschisis.** *The journal of maternal-fetal & neonatal medicine : the official journal of the European Association of Perinatal Medicine, the Federation of Asia and Oceania Perinatal Societies, the International Society of Perinatal Obstetricians*
  Girsen, A. I., Davis, A. S., Hintz, S. R., Fluharty, E., Sherwin, K., Trepman, P., Desai, A., Mansour, T., Sylvester, K. G., Oshiro, B., Blumenfeld, Y. J.
  2019: 1–191

- **Prenatally diagnosed omphalocele: characteristics associated with adverse neonatal outcomes.** *Journal of perinatology : official journal of the California Perinatal Association*
  Chock, V. Y., Davis, A. S., Cho, S., Bax, C., Fluharty, E., Weigel, N., Homeyer, M., Hudgins, L., Jones, R., Rubesova, E., Sylvester, K. G., Blumenfeld, Y. J., Hintz, et al
  2019

- **Differential Dynamics of the Maternal Immune System in Healthy Pregnancy and Preeclampsia.** *Frontiers in immunology*
  Han, X., Ghaemi, M. S., Ando, K., Peterson, L. S., Ganio, E. A., Tsai, A. S., Gaudilliere, D. K., Stelzer, I. A., Einhaus, J., Bertrand, B., Stanley, N., Culos, A., Tanada, et al
  2019; 10: 1305

- **Differential Dynamics of the Maternal Immune System in Healthy Pregnancy and Preeclampsia** *FRONTIERS IN IMMUNOLOGY*
  Han, X., Ghaemi, M. S., Ando, K., Peterson, L. S., Ganio, E. A., Tsai, A. S., Gaudilliere, D. K., Stelzer, I. A., Einhaus, J., Bertrand, B., Stanley, N., Culos, A., Tanada, et al
  2019; 10

- **Update on the Prenatal Diagnosis and Outcomes of Fetal Bilateral Renal Agenesis.** *Obstetrical & gynecological survey*
  Huber, C., Shazly, S. A., Blumenfeld, Y. J., Jelin, E., Ruano, R.
  2019; 74 (5): 298–302

- **Stillbirth and Live Birth at Periviable Gestational Age: A Comparison of Prevalence and Risk Factors** *AMERICAN JOURNAL OF PERINATOLOGY*
  Carmichael, S. L., Blumenfeld, Y. J., Mayo, J. A., Profit, J., Shaw, G. M., Hintz, S. R., Stevenson, D. K.
  2019; 36 (5): 537–44

- **Benefits of and variability within a nationwide CHD screening program.** *BJOG : an international journal of obstetrics and gynaecology*
  Blumenfeld, Y.
  2019

- **Vasa previa and extreme prematurity: a population-based study.** *Journal of perinatology : official journal of the California Perinatal Association*
  Yeaton-Massey, A., Girsen, A. I., Mayo, J. A., Blumenfeld, Y. J., El-Sayed, Y. Y., Stevenson, D. K., Shaw, G. M.
  2019

- **Obstetric and neonatal outcomes in pregnancies complicated by fetal lung masses: does final histology matter?** *The journal of maternal-fetal & neonatal medicine : the official journal of the European Association of Perinatal Medicine, the Federation of Asia and Oceania Perinatal Societies, the International Society of Perinatal Obstetricians*
  Anderson, J. N., Girsen, A. I., Hintz, S. R., El-Sayed, Y. Y., Davis, A. S., Barth, R. A., Halabi, S. n., Hazard, F. K., Sylvester, K. G., Bruzoni, M. n., Blumenfeld, Y. J.
  2019: 1–7

- **Data-driven queries between medications and spontaneous preterm birth among 2.5 million pregnancies.** *Birth defects research*
  Marić, I. n., Winn, V. D., Borisenko, E. n., Weber, K. A., Wong, R. J., Aziz, N. n., Blumenfeld, Y. J., El-Sayed, Y. Y., Stevenson, D. K., Shaw, G. M.
  2019

- **Stillbirth and Live Birth at Periviable Gestational Age: A Comparison of Prevalence and Risk Factors.** *American journal of perinatology*
  Carmichael, S. L., Blumenfeld, Y. J., Mayo, J. A., Profit, J., Shaw, G. M., Hintz, S. R., Stevenson, D. K.
  2018

- **Utility of prenatal MRI in the evaluation and management of fetal ventriculomegaly.** *Journal of perinatology : official journal of the California Perinatal Association*
  Katz, J. A., Chock, V. Y., Davis, A. S., Blumenfeld, Y. J., Hahn, J. S., Barnes, P., Barth, R. A., Rubesova, E., Hintz, S. R.
  2018

- **Erratum to: A Double-Blind, Randomized, Placebo-Controlled Trial of 17 Alpha-hydroxyprogesterone Caproate in the Management of Preterm Premature Rupture of Membranes.** *American journal of perinatology*
  Langen, E. S., Sit, A., Sherwin, K., Lyell, D. J., Blumenfeld, Y. J., El-Sayed, Y. Y.
  2018

- **Updates in fetal spina bifida repair** *CURRENT OPINION IN OBSTETRICS & GYNECOLOGY*
  Blumenfeld, Y. J., Belfort, M. A.
  2018; 30 (2): 123–29

- **Predictors of poor neonatal outcomes in prenatally diagnosed multicystic dysplastic kidney disease.** *Journal of perinatology : official journal of the California Perinatal Association*
  Balasundaram, M., Chock, V. Y., Wu, H. Y., Blumenfeld, Y. J., Hintz, S. R.
  2018

- **Noninvasive Prenatal Diagnosis of Single-Gene Disorders by Use of Droplet Digital PCR** *CLINICAL CHEMISTRY*
  Camunas-Soler, J., Lee, H., Hudgins, L., Hintz, S. R., Blumenfeld, Y. J., El-Sayed, Y. Y., Quake, S. R.
  2018; 64 (2): 336–45

- **Noninvasive Prenatal Diagnosis of Single-Gene Disorders by Use of Droplet Digital PCR.** *Clinical chemistry*

Camunas-Soler, J., Lee, H., Hudgins, L., Hintz, S. R., Blumenfeld, Y. J., El-Sayed, Y. Y., Quake, S. R.
2018; 64 (2): 336-345

- **A Double-Blind, Randomized, Placebo-Controlled Trial of 17 Alpha-hydroxyprogesterone Caproate in the Management of Preterm Premature Rupture of Membranes.** *American journal of perinatology*
  Langen, E. S., Sit, A., Sherwin, K., Lyell, D. J., Blumenfeld, Y. J., El-Sayed, Y. Y.
  2018

- **Prenatal treatment of ornithine transcarbamylase deficiency.** *Molecular genetics and metabolism*
  Wilnai, Y. n., Blumenfeld, Y. J., Cusmano, K. n., Hintz, S. R., Alcorn, D. n., Benitz, W. E., Berquist, W. E., Bernstein, J. A., Castillo, R. O., Concepcion, W. n., Cowan, T. M., Cox, K. L., Lyell, et al
  2018

- **Simultaneously Monitoring Immune Response and Microbial Infections during Pregnancy through Plasma cfRNA Sequencing** *CLINICAL CHEMISTRY*
  Pan, W., Ngo, T. T. M., Camunas-Soler, J., Song, C., Kowarsky, M., Blumenfeld, Y. J., Wong, R. J., Shaw, G. M., Stevenson, D. K., Quake, S. R.
  2017; 63 (11): 1695–1704

- **Numerous uncharacterized and highly divergent microbes which colonize humans are revealed by circulating cell-free DNA** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Kowarsky, M., Camunas-Soler, J., Kertesz, M., De Vlaminck, I., Koh, W., Pan, W., Martin, L., Neff, N. F., Okamoto, J., Wong, R. J., Kharbanda, S., El-Sayed, Y., Blumenfeld, et al
  2017; 114 (36): 9623–28

- **Response to "Prediction of neonatal respiratory distress in pregnancies complicated by fetal lung masses".** *Prenatal diagnosis*
  Girsen, A., Blumenfeld, Y.
  2017; 37 (6): 632

- **Association between small-for-gestational age and neurocognitive impairment at two years of corrected age among infants born at preterm gestational ages: a cohort study.** *Journal of perinatology*
  Girsen, A. I., Do, S. C., El-Sayed, Y. Y., Hintz, S. R., Blumenfeld, Y. J.
  2017

- **.** *journal of maternal-fetal & neonatal medicine*
  Shachar, B. Z., Mayo, J. A., Lyell, D. J., Stevenson, D. K., Shaw, G. M., Blumenfeld, Y. J.
  2017: 1-7

- **Postpartum hemorrhage following vaginal delivery: risk factors and maternal outcomes.** *Journal of perinatology*
  Miller, C. M., Cohn, S., Akdagli, S., Carvalho, B., Blumenfeld, Y. J., Butwick, A. J.
  2017; 37 (3): 243-248

- **Utility of third trimester sonographic measurements for predicting SGA in cases of fetal gastroschisis.** *Journal of perinatology*
  Blumenfeld, Y. J., Do, S., Girsen, A. I., DAVIS, A. S., Hintz, S. R., Desai, A. K., Mansour, T., Merritt, T. A., Oshiro, B. T., El-Sayed, Y. Y., Shamshirsaz, A. A., Lee, H. C.
  2017

- **Prediction of neonatal respiratory distress in pregnancies complicated by fetal lung masses.** *Prenatal diagnosis*
  Girsen, A. I., Hintz, S. R., Sammour, R., Naqvi, A., El-Sayed, Y. Y., Sherwin, K., Davis, A. S., Chock, V. Y., Barth, R. A., Rubesova, E., Sylvester, K. G., Chitkara, R., Blumenfeld, et al
  2017

- **Opportunities for maternal transport for delivery of very low birth weight infants** *JOURNAL OF PERINATOLOGY*
  Robles, D., Blumenfeld, Y. J., Lee, H. C., Gould, J. B., Main, E., Profit, J., Melsop, K., Druzin, M.
  2017; 37 (1): 32-35

- **A Proteomic Clock of Human Pregnancy.** *American journal of obstetrics and gynecology*
  Aghaeepour, N. n., Lehallier, B. n., Baca, Q. n., Ganio, E. A., Wong, R. J., Ghaemi, M. S., Culos, A. n., El-Sayed, Y. Y., Blumenfeld, Y. J., Druzin, M. L., Winn, V. D., Gibbs, R. S., Tibshirani, et al
  2017

- **Trends in the delivery route of twin pregnancies in the United States, 2006-2013.** *European journal of obstetrics, gynecology, and reproductive biology*

Bateni, Z. H., Clark, S. L., Sangi-Haghpeykar, H., Aagaard, K. M., Blumenfeld, Y. J., Ramin, S. M., Lee, H. C., Fox, K. A., Moaddab, A., Shamshirsaz, A. A., Salmanian, B., Hosseinzadeh, P., Racusin, et al
2016; 205: 120-126

- **Trends in the delivery route of twin pregnancies in the United States, 2006-2013.** *European journal of obstetrics, gynecology, and reproductive biology*
  Bateni, Z. H., Clark, S. L., Sangi-Haghpeykar, H., Aagaard, K. M., Blumenfeld, Y. J., Ramin, S. M., Lee, H. C., Fox, K. A., Moaddab, A., Shamshirsaz, A. A., Salmanian, B., Hosseinzadeh, P., Racusin, et al
  2016; 205: 120-126
- **Opportunities for maternal transport for delivery of very low birth weight infants.** *Journal of perinatology*
  Robles, D., Blumenfeld, Y. J., Lee, H. C., Gould, J. B., Main, E., Profit, J., Melsop, K., Druzin, M.
  2016
- **HDlive imaging of a giant omphalocele.** *Ultrasound in obstetrics & gynecology*
  Blumenfeld, Y. J., E Milan, K., Rubesova, E., Sylvester, K. G., DAVIS, A. S., Chock, V. Y., Hintz, S. R.
  2016; 48 (3): 407-408
- **Prenatally Diagnosed Cases of Binder Phenotype Complicated by Respiratory Distress in the Immediate Postnatal Period.** *Journal of ultrasound in medicine*
  Blumenfeld, Y. J., Davis, A. S., Hintz, S. R., Milan, K., Messner, A. H., Barth, R. A., Hudgins, L., Chueh, J., Homeyer, M., Bernstein, J. A., Enns, G., Atwal, P., Manning, et al
  2016; 35 (6): 1353-1358
- **Does Time of Delivery Influence the Risk of Neonatal Morbidity?** *American journal of perinatology*
  Brookfield, K. F., O'Malley, K., El-Sayed, Y. Y., Blumenfeld, Y. J., Butwick, A. J.
  2016; 33 (5): 502-509
- **Does Time of Delivery Influence the Risk of Neonatal Morbidity?** *AMERICAN JOURNAL OF PERINATOLOGY*
  Brookfield, K. F., O'Malley, K., Ei-Sayed, Y. Y., Blumenfeld, Y. J., Butwick, A. J.
  2016; 33 (5): 502-509
- **Patient preferences for prenatal testing of microdeletion and microduplication syndromes** *PRENATAL DIAGNOSIS*
  Calonico, E., Blumenfeld, Y. J., Hudgins, L., Taylor, J.
  2016; 36 (3): 244-251
- **Racial and Ethnic Disparities in Mode of Anesthesia for Cesarean Delivery** *ANESTHESIA AND ANALGESIA*
  Butwick, A. J., Blumenfeld, Y. J., Brookfield, K. F., Nelson, L. M., Weiniger, C. F.
  2016; 122 (2): 472-479
- **Racial and Ethnic Disparities in Mode of Anesthesia for Cesarean Delivery.** *Anesthesia and analgesia*
  Butwick, A. J., Blumenfeld, Y. J., Brookfield, K. F., Nelson, L. M., Weiniger, C. F.
  2016; 122 (2): 472-9
- **Effect of antepartum meconium staining on perinatal and neonatal outcomes among pregnancies with gastroschisis** *JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE*
  Girsen, A. I., Wallenstein, M. B., Davis, A. S., Hintz, S. R., Desai, A. K., Mansour, T., Merritt, T. A., Druzin, M. L., Oshiro, B. T., Blumenfeld, Y. J.
  2016; 29 (15): 2499-2503
- **Patient preferences for prenatal testing of microdeletion and microduplication syndromes.** *Prenatal diagnosis*
  Calonico, E., Blumenfeld, Y. J., Hudgins, L., Taylor, J.
  2015
- **Genomic microarray in fetuses with increased nuchal translucency and normal karyotype: a systematic review and meta-analysis** *ULTRASOUND IN OBSTETRICS & GYNECOLOGY*
  GRANDE, M., Jansen, F. A., Blumenfeld, Y. J., Fisher, A., Odibo, A. O., Haak, M. C., Borrell, A.
  2015; 46 (6): 650-658
- **Prenatal Diagnosis and Perinatal Outcomes of Congenital Megalourethra: A Multicenter Cohort Study and Systematic Review of the Literature.** *Journal of ultrasound in medicine*
  Moaddab, A., Sananes, N., Hernandez-Ruano, S., Werneck Britto, I. S., Blumenfeld, Y., Stoll, F., Favre, R., Ruano, R.

2015; 34 (11): 2057-2064

- **Prepregnancy Obesity and Risks of Stillbirth** *PLOS ONE*
  Carmichael, S. L., Blumenfeld, Y. J., Mayo, J., Wei, E., Gould, J. B., Stevenson, D. K., Shaw, G. M.
  2015; 10 (10)

- **Maternal characteristics and mid-pregnancy serum biomarkers as risk factors for subtypes of preterm birth.** *BJOG : an international journal of obstetrics and gynaecology*
  Jelliffe-Pawlowski, L. L., Baer, R. J., Blumenfeld, Y. J., Ryckman, K. K., O'Brodovich, H. M., Gould, J. B., Druzin, M. L., El-Sayed, Y. Y., Lyell, D. J., Stevenson, D. K., Shaw, G. M., Currier, R. J.
  2015; 122 (11): 1484-1493

- **Fetofetal Transfusion Syndrome in Monochorionic-Triamniotic Triplets Treated with Fetoscopic Laser Ablation: Report of Two Cases and A Systematic Review.** *AJP reports*
  Blumenfeld, Y. J., Shamshirsaz, A. A., Belfort, M. A., Hintz, S. R., Moaddab, A., Ness, A., Chueh, J., El-Sayed, Y. Y., Ruano, R.
  2015; 5 (2): e153-60

- **Mode of anaesthesia for preterm Caesarean delivery: secondary analysis from the Maternal-Fetal Medicine Units Network Caesarean Registry†‡.** *British journal of anaesthesia*
  Butwick, A. J., El-Sayed, Y. Y., Blumenfeld, Y. J., Osmundson, S. S., Weiniger, C. F.
  2015; 115 (2): 267-274

- **Maternal serum markers, characteristics and morbidly adherent placenta in women with previa** *JOURNAL OF PERINATOLOGY*
  Lyell, D. J., Faucett, A. M., Baer, R. J., Blumenfeld, Y. J., Druzin, M. L., El-Sayed, Y. Y., Shaw, G. M., Currier, R. J., Jelliffe-Pawlowski, L. L.
  2015; 35 (8): 570-574

- **Risk Factors for Prolonged Postpartum Length of Stay Following Cesarean Delivery** *AMERICAN JOURNAL OF PERINATOLOGY*
  Blumenfeld, Y. J., El-Sayed, Y. Y., Lyell, D. J., Nelson, L. M., Butwick, A. J.
  2015; 32 (9): 825-832

- **Early-Onset Severe Preeclampsia by First Trimester Pregnancy-Associated Plasma Protein A and Total Human Chorionic Gonadotropin** *AMERICAN JOURNAL OF PERINATOLOGY*
  Jelliffe-Pawlowski, L. L., Baer, R. J., Currier, R. J., Lyell, D. J., Blumenfeld, Y. J., El-Sayed, Y. Y., Shaw, G. M., Druzin, M. L.
  2015; 32 (7): 703-711

- **Peripartum and neonatal outcomes of small- for- gestational- age infants with gastroschisis** *PRENATAL DIAGNOSIS*
  Girsen, A. I., Do, S., Davis, A. S., Hintz, S. R., Desai, A. K., Mansour, T., Merritt, T. A., Oshiro, B. T., El-Sayed, Y. Y., Blumenfeld, Y. J.
  2015; 35 (5): 477-482

- **Second-line uterotonics and the risk of hemorrhage-related morbidity** *AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY*
  Butwick, A. J., Carvalho, B., Blumenfeld, Y. J., El-Sayed, Y. Y., Nelson, L. M., Bateman, B. T.
  2015; 212 (5)

- **Obstetric Ultrasound Quality Improvement Initiative-Utilization of a Quality Assurance Process and Standardized Checklists** *AMERICAN JOURNAL OF PERINATOLOGY*
  Mrazek-Pugh, B., Blumenfeld, Y. J., Lee, H. C., Chueh, J.
  2015; 32 (6): 599-604

- **Reply.** *Journal of ultrasound in medicine*
  Blumenfeld, Y. J., Rouse, D. J.
  2015; 34 (4): 743-?

- **Risk Factors for Prolonged Postpartum Length of Stay Following Cesarean Delivery.** *American journal of perinatology*
  Blumenfeld, Y. J., El-Sayed, Y. Y., Lyell, D. J., Nelson, L. M., Butwick, A. J.
  2015

- **Array comparative genomic hybridization and fetal congenital heart defects: a systematic review and meta-analysis** *ULTRASOUND IN OBSTETRICS & GYNECOLOGY*
  Jansen, F. A., Blumenfeld, Y. J., Fisher, A., Cobben, J. M., Odibo, A. O., Borrell, A., Haak, M. C.
  2015; 45 (1): 27-35

- **Accuracy of Sonographic Chorionicity Classification in Twin Gestations** *JOURNAL OF ULTRASOUND IN MEDICINE*
  Blumenfeld, Y. J., Momirova, V., Rouse, D. J., Caritis, S. N., Sciscione, A., Peaceman, A. M., Reddy, U. M., Varner, M. W., Malone, F. D., Iams, J. D., Mercer, B. M., Thorp, J. M., Sorokin, et al
  2014; 33 (12): 2187-2192
- **Elective ceasarean section at 38 weeks versus 39 weeks: neonatal and maternal outcomes in a randomised controlled trial reply** *BJOG-AN INTERNATIONAL JOURNAL OF OBSTETRICS AND GYNAECOLOGY*
  Cho, Y., Carvalho, B., Butwick, A., Blumenfeld, Y., Riley, E.
  2014; 121 (13): 1748-1749
- **Association between maternal characteristics, abnormal serum aneuploidy analytes, and placental abruption.** *American journal of obstetrics and gynecology*
  Blumenfeld, Y. J., Baer, R. J., Druzin, M. L., El-Sayed, Y. Y., Lyell, D. J., Faucett, A. M., Shaw, G. M., Currier, R. J., Jelliffe-Pawlowski, L. L.
  2014; 211 (2): 144 e1-9
- **Noninvasive prenatal diagnosis in a fetus at risk for methylmalonic acidemia** *GENETICS IN MEDICINE*
  Gu, W., Koh, W., Blumenfeld, Y. J., El-Sayed, Y. Y., Hudgins, L., Hintz, S. R., Quake, S. R.
  2014; 16 (7): 564-567
- **Caesarean delivery for twin gestation at 32-38 weeks does not lead to improved clinical outcomes for neonates or mothers.** *Evidence-based medicine*
  Lee, H. C., Blumenfeld, Y. J.
  2014; 19 (3): 119-?
- **Noninvasive in vivo monitoring of tissue-specific global gene expression in humans.** *Proceedings of the National Academy of Sciences of the United States of America*
  Koh, W., Pan, W., Gawad, C., Fan, H. C., Kerchner, G. A., Wyss-Coray, T., Blumenfeld, Y. J., El-Sayed, Y. Y., Quake, S. R.
  2014; 111 (20): 7361-7366
- **Urine culture results and adverse outcomes in women with pyelonephritis.** *Obstetrics and gynecology*
  Berger, V. K., Yeaton-Massey, A., Kassis, J., Blumenfeld, Y. J., Lee, H. C., Druzin, M.
  2014; 123: 138S-?
- **On-time scheduled cesarean delivery start time process-improvement initiative.** *Obstetrics and gynecology*
  Blumenfeld, Y. J., Riley, E., Hilton, G., Lee, H. C., El-Sayed, Y. Y., Druzin, M. L.
  2014; 123: 138S-9S
- **Oral misoprostol versus vaginal dinoprostone for labor induction in nulliparous women at term.** *Journal of perinatology*
  Faucett, A. M., Daniels, K., Lee, H. C., El-Sayed, Y. Y., Blumenfeld, Y. J.
  2014; 34 (2): 95-99
- **Isolated umbilical vein varix with a poor outcome despite close fetal surveillance.** *Journal of ultrasound in medicine*
  Brookfield, K. F., Osmundson, S. S., Chetty, S., Chueh, J., Blumenfeld, Y. J., Barth, R. A., El-Sayed, Y. Y.
  2013; 32 (9): 1680-1682
- **Maternal-fetal medicine fellowship 3- and 4-dimensional ultrasound experience: room for improvement.** *Journal of ultrasound in medicine*
  Ness, A., Blumenfeld, Y. J., Platt, L. D.
  2013; 32 (6): 949-953
- **Maternal-fetal medicine fellowship obstetrical ultrasound experience: results from a fellowship survey** *PRENATAL DIAGNOSIS*
  Blumenfeld, Y. J., Ness, A., Platt, L. D.
  2013; 33 (2): 158-161
- **Conservatively Managed Fetal Goiter: An Alternative to in utero Therapy.** *Fetal diagnosis and therapy*
  Blumenfeld, Y. J., Davis, A., Milan, K., Chueh, J., Hudgins, L., Barth, R. A., Hintz, S. R.
  2013; 34 (3): 184-187
- **Infants with Prenatally Diagnosed Anomalies Special Approaches to Preparation and Resuscitation** *CLINICS IN PERINATOLOGY*
  Colby, C. E., Carey, W. A., Blumenfeld, Y. J., Hintz, S. R.
  2012; 39 (4): 871-887

- **Utilization of available prenatal screening and diagnosis: effects of the California screen program** *JOURNAL OF PERINATOLOGY*
  Blumenfeld, Y. J., Taylor, J., Lee, H. C., Hudgins, L., Sung, J. F., El-Sayed, Y. Y.
  2012; 32 (12): 907-912
- **Erratum: Non-invasive prenatal measurement of the fetal genome.** *Nature*
  Fan, H. C., Gu, W., Wang, J., Blumenfeld, Y. J., El-Sayed, Y. Y., Quake, S. R.
  2012
- **Non-invasive prenatal measurement of the fetal genome** *NATURE*
  Fan, H. C., Gu, W., Wang, J., Blumenfeld, Y. J., El-Sayed, Y. Y., Quake, S. R.
  2012; 487 (7407): 320-?
- **Noninvasive prenatal diagnosis: pregnant women's interest and expected uptake** *PRENATAL DIAGNOSIS*
  Tischler, R., Hudgins, L., Blumenfeld, Y. J., Greely, H. T., Ormond, K. E.
  2011; 31 (13): 1292-1299
- **Trends in Cesarean Delivery for Twin Births in the United States 1995-2008** *OBSTETRICS AND GYNECOLOGY*
  Lee, H. C., Gould, J. B., Boscardin, W. J., El-Sayed, Y. Y., Blumenfeld, Y. J.
  2011; 118 (5): 1095-1101
- **Sextuplet heterotopic pregnancy presenting as ovarian hyperstimulation syndrome and hemoperitoneum** *FERTILITY AND STERILITY*
  Fisher, S. L., Massie, J. A., Blumenfeld, Y. J., Lathi, R. B.
  2011; 95 (7)
- **Prenatal Diagnosis of Cross-Fused Renal Ectopia: Does Color Doppler and 3-Dimensional Sonography Help?** *JOURNAL OF ULTRASOUND IN MEDICINE*
  Chang, P. L., Mrazek-Pugh, B., Blumenfeld, Y. J.
  2011; 30 (4): 578-580
- **MR imaging in cases of antenatal suspected appendicitis - a meta-analysis** *JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE*
  Blumenfeld, Y. J., Wong, A. E., Jafari, A., Barth, R. A., El-Sayed, Y. Y.
  2011; 24 (3): 485-488
- **Antenatal Steroid Administration for Premature Neonates in California** *OBSTETRICS AND GYNECOLOGY*
  Lee, H. C., Lyndon, A., Blumenfeld, Y. J., Dudley, R. A., Gould, J. B.
  2011; 117 (3): 603-609
- **Maternal-fetal and neonatal pharmacogenomics: a review of current literature** *JOURNAL OF PERINATOLOGY*
  Blumenfeld, Y. J., Reynolds-May, M. F., Altman, R. B., El-Sayed, Y. Y.
  2010; 30 (9): 571-579
- **Analysis of the Size Distributions of Fetal and Maternal Cell-Free DNA by Paired-End Sequencing** *CLINICAL CHEMISTRY*
  Fan, H. C., Blumenfeld, Y. J., Chitkara, U., Hudgins, L., Quake, S. R.
  2010; 56 (8): 1279-1286
- **Ultrasound estimation of fetal weight in small for gestational age pregnancies** *JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE*
  Blumenfeld, Y. J., Lee, H. C., Pullen, K. M., Wong, A. E., Pettit, K., Taslimi, M. M.
  2010; 23 (8): 790-793
- **Single- versus double-layer hysterotomy closure at primary caesarean delivery and bladder adhesions** *BJOG-AN INTERNATIONAL JOURNAL OF OBSTETRICS AND GYNAECOLOGY*
  Blumenfeld, Y. J., Caughey, A. B., El-Sayed, Y. Y., Daniels, K., Lyell, D. J.
  2010; 117 (6): 690-694
- **The Effects of Respiratory Failure on Delivery in Pregnant Patients With H1N1 2009 Influenza** *OBSTETRICS AND GYNECOLOGY*
  Jafari, A., Langen, E. S., Aziz, N., Blumenfeld, Y. J., Mihm, F., Druzin, M. L.
  2010; 115 (5): 1033-1035
- **Chorionic villus sampling: technique and training** *CURRENT OPINION IN OBSTETRICS & GYNECOLOGY*
  Blumenfeld, Y. J., Chueh, J.

2010; 22 (2): 146-151

- **Prematurity prevention: the role of acute tocolysis** *CURRENT OPINION IN OBSTETRICS & GYNECOLOGY*
  Blumenfeld, Y. J., Lyell, D. J.
  2009; 21 (2): 136-141
- **Noninvasive diagnosis of fetal aneuploidy by shotgun sequencing DNA from maternal blood** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Fan, H. C., Blumenfeld, Y. J., Chitkara, U., Hudgins, L., Quake, S. R.
  2008; 105 (42): 16266-16271
- **Uterine exteriorization compared with in situ repair at cesarean delivery: A randomized controlled trial** *OBSTETRICS AND GYNECOLOGY*
  Blumenfeld, Y., Caughey, A. B., Lyell, D. J.
  2008; 112 (1): 183-183
- **Single- versus double-layer uterine incision closure and uterine rupture** *JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE*
  Gyamfi, C., Juhasz, G., Gyamfi, P., Blumenfeld, Y., Stone, J. L.
  2006; 19 (10): 639-643
- **Fetal urinoma as a sign of a dysplastic kidney** *PEDIATRIC NEPHROLOGY*
  Miller, M., Korzets, Z., Blumenfeld, Y., Pomeranz, M., Aviram, R., Rathaus, V., Pomeranz, A.
  2003; 18 (1): 65-67