

Stanford



Usha Chitkara

Professor of Obstetrics and Gynecology at the Stanford University Medical Center,
Emerita

Obstetrics & Gynecology

Bio

ACADEMIC APPOINTMENTS

- Emeritus Faculty - University Medical Line, Obstetrics & Gynecology

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Rh disease, other red cell isoimmunization, e.g. Kell, etc.

I.T.P. and alloimmune thrombocytopenia

Multiple pregnancy (twins, triplets, etc.) and associated problems and procedures

Ultrasound referrals -- complicated and routine

Procedures -- cordocentesis, intrauterine transfusion; selective termination or reduction in multiple pregnancy.

Publications

PUBLICATIONS

- **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
- **Maintenance Nifedipine Tocolysis Compared With Placebo A Randomized Controlled Trial** *28th Annual Meeting of the Society-for-Maternal-Fetal-Medicine*
Lyell, D. J., Pullen, K. M., Mannan, J., Chitkara, U., Druzin, M. L., Caughey, A. B., El-Sayed, Y. Y.
LIPPINCOTT WILLIAMS & WILKINS.2008: 1221-26
- **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
- **Prenatal diagnosis of placenta accreta - Sonography or magnetic resonance imaging?** *JOURNAL OF ULTRASOUND IN MEDICINE*
Dwyer, B. K., Belogolovkin, V., Tran, L., Rao, A., Carroll, I., Barth, R., Chitkara, U.
2008; 27 (9): 1275-1281

- **Magnesium sulfate compared with nifedipine for acute tocolysis of preterm labor - A randomized controlled trial** *26th Annual Meeting of the Society-for-Maternal-Fetal-Medicine*
Lyell, D. J., Pullen, K., Campbell, L., Ching, S., Druzin, M. L., Chitkara, U., Burrs, D., Caughey, A. B., El-Sayed, Y. Y.
LIPPINCOTT WILLIAMS & WILKINS.2007: 61-67
- **Subclavian vein thrombosis following IVF and ovarian hyperstimulation: a case report** *HUMAN REPRODUCTION*
Rao, A. K., Chitkara, U., Milki, A. A.
2005; 20 (12): 3307-3312
- **A randomized trial of amnioreduction versus septostomy in the treatment of twin-twin transfusion syndrome** *AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY*
Moise, K. J., Dorman, K., Lamvu, G., Saade, G. R., Fisk, N. M., Dickinson, J. E., Wilson, R. D., Gagnon, A., Belfort, M. A., O'Shaughnessy, R. O., Chitkara, U., Hassan, S. S., Johnson, et al
2005; 193 (3): 701-707
- **Detection of sonographic markers of fetal aneuploidy depends on maternal and fetal characteristics** *10th Congress of the World-Federation-for-Ultrasound-in-Medicine-and-Biology*
Taslimi, M. M., Acosta, R., Chueh, J., Hudgins, L., Hunter, K., Druzin, M. L., Chitkara, U.
AMER INST ULTRASOUND MEDICINE.2005: 811-15
- **Randomized comparison of intravenous nitroglycerin and subcutaneous terbutaline for external cephalic version under tocolysis** *AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY*
El-Sayed, Y. Y., Pullen, K., Riley, E. T., Lyell, D., Druzin, M. L., Cohen, S. E., Chitkara, U.
2004; 191 (6): 2051-2055
- **Fetal renal growth as assessed through renal parenchymal area derived from prenatal and perinatal ultrasonography** *JOURNAL OF UROLOGY*
Kennedy, W. A., Chitkara, U., Abidari, J. M., Shortliffe, L. M.
2003; 169 (1): 298-302
- **Central nervous system lupus and pregnancy: 11-year experience at a single center.** *journal of maternal-fetal & neonatal medicine*
El-Sayed, Y. Y., Lu, E. J., Genovese, M. C., Lambert, R. E., Chitkara, U., Druzin, M. L.
2002; 12 (2): 99-103
- **Pregnancy complicated by severe osteogenesis imperfecta: A report of two cases** *ANESTHESIA AND ANALGESIA*
Vogel, T. M., Ratner, E. F., Thomas, R. C., Chitkara, U.
2002; 94 (5): 1315-1317
- **Fetal ear length measurement: a useful predictor of aneuploidy?** *ULTRASOUND IN OBSTETRICS & GYNECOLOGY*
Chitkara, U., Lee, L., Oehlert, J. W., Bloch, D. A., Holbrook, R. H., El-Sayed, Y. Y., Druzin, M. L.
2002; 19 (2): 131-135
- **Concurrent IVF and spontaneous conception resulting in a quadruplet pregnancy** *HUMAN REPRODUCTION*
Milki, A. A., Hinckley, M. D., GRUMET, F. C., Chitkara, U.
2001; 16 (11): 2324-2326
- **Decreased amniotic fluid index in low-risk pregnancy** *JOURNAL OF REPRODUCTIVE MEDICINE*
Kreiser, D., El-Sayed, Y. Y., Sorem, K. A., Chitkara, U., Holbrook, R. H., Druzin, M. L.
2001; 46 (8): 743-746
- **Ultrasonographic ear length measurement in normal second-and third-trimester fetuses** *AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY*
Chitkara, U., Lee, L., El-Sayed, Y. Y., Holbrook, R. H., Bloch, D. K., Oehlert, J. W., Druzin, M. L.
2000; 183 (1): 230-234
- **Pelvic arterial embolization for control of obstetric hemorrhage: A five-year experience** *66th Annual Meeting of the Central-Association-of-Obstetricians-and-Gynecologists*
Hansch, E., Chitkara, U., McAlpine, J., El-Sayed, Y., Dake, M. D., Razavi, M. K.
MOSBY-ELSEVIER.1999: 1454-60
- **Randomized comparison of intravenous nitroglycerin and magnesium sulfate for treatment of preterm labor** *OBSTETRICS AND GYNECOLOGY*
El-Sayed, Y. Y., Riley, E. T., Holbrook, R. H., Cohen, S. E., Chitkara, U., Druzin, M. L.

1999; 93 (1): 79-83

- **Diltiazem for maintenance tocolysis of preterm labor: comparison to nifedipine in a randomized trial.** *The Journal of maternal-fetal medicine*
El-Sayed, Y. Y., Holbrook, R. H., Gibson, R., Chitkara, U., Druzin, M. L., Baba, D.
1998; 7 (5): 217-221
- **Medical management of interstitial ectopic pregnancy: a case report and literature review** *HUMAN REPRODUCTION*
Fisch, J. D., Ortiz, B. H., Tazuke, S. I., Chitkara, U., Giudice, L. C.
1998; 13 (7): 1981-1986
- **Gestational age-dependent expression of insulin-like growth factor-binding protein-1 (IGFBP-1) phosphoisoforms in human extraembryonic cavities, maternal serum, and decidua suggests decidua as the primary source of IGFBP-1 in these fluids during early pregnancy** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*
Martina, N. A., Kim, E., Chitkara, U., Wathen, N. C., Chard, T., Giudice, L. C.
1997; 82 (6): 1894-1898
- **The OOPS procedure (operation on placental support): In utero airway management of the fetus with prenatally diagnosed tracheal obstruction** *27th Annual Meeting of the Canadian-Association-of-Paediatric-Surgeons*
Skarsgard, E. D., Chitkara, U., Krane, E. J., Riley, E. T., Halamek, L. P., Dedo, H. H.
W B SAUNDERS CO.1996: 826-28
- **MATERNAL RENAL-ARTERY DOPPLER VELOCIMETRY IN NORMOTENSIVE PREGNANCIES AND PREGNANCIES COMPLICATED BY HYPERTENSIVE DISORDERS** *OBSTETRICS AND GYNECOLOGY*
Levine, A. B., Lockwood, C. J., Chitkara, U., Berkowitz, R. L.
1992; 79 (2): 264-267
- **Antenatal treatment of alloimmune thrombocytopenia** *Obstet Gynecol*
Chitkara U, Lynch L, Bussel JB, McFarland JG, Berkowitz RL
1992
- **EVALUATION OF EARLY 3RD-TRIMESTER ULTRASOUND SCREENING FOR INTRAUTERINE GROWTH-RETARDATION** *JOURNAL OF ULTRASOUND IN MEDICINE*
Skovron, M. L., Berkowitz, G. S., Lapinski, R. H., Kim, J. M., Chitkara, U.
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- **INTRAUTERINE INTRAVASCULAR TRANSFUSION FOR SEVERE ERYTHROBLASTOSIS-FETALIS - HOW MUCH TO TRANSFUSE** *OBSTETRICS AND GYNECOLOGY*
PLECAS, D. V., Chitkara, U., Berkowitz, G. S., Lapinski, R. H., Alvarez, M., Berkowitz, R. L.
1990; 75 (6): 965-969
- **1ST-TRIMESTER TRANSABDOMINAL MULTIFETAL PREGNANCY REDUCTION - A REPORT OF 85 CASES** *OBSTETRICS AND GYNECOLOGY*
Lynch, L., Berkowitz, R. L., Chitkara, U., Alvarez, M.
1990; 75 (5): 735-738
- **High dose intravenous gamma globulin: Does it have a role in the treatment of severe erythroblastosis fetalis?** *Obstet Gynecol*
Chitkara U, Bussel J, Alvarez M, Lynch L, Meisel RL, Berkowitz RL
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