

**Curriculum Vitae**  
**Ozhan Mehmet Turan MD, PhD**  
**Professor**  
**Department of Obstetrics, Gynecology and Reproductive Sciences**  
**University of Maryland School of Medicine**

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**Contact Information**

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Languages: Native Turkish speaker, fluent in English

**Education**

1982-1988	MD	Istanbul University, Istanbul Medical School, Istanbul, Turkey
1998-2001	PhD	Molecular Medicine, Experimental Medicine and Research Centre, Istanbul University, Istanbul, Turkey.

**Post Graduate Education & Training**

1988 – 1994	Residency	Obstetrics and Gynecology SSK Bakırköy Maternity and Children Hospital, Istanbul, Turkey
2003 – 2005	Fellowship	Fetal Medicine, Harris Birthright Research Center for Fetal Medicine, King's Collage Hospital, London, England
2006 – 2007	Postdoctoral Fellow	Department of Obstetrics, Gynecology and Reproductive Sciences, University of Maryland School of Medicine
2007 – 2011	Residency	Obstetrics and Gynecology, University of Maryland Medical Center, Baltimore, MD
2011 – 2014	Fellowship	Maternal Fetal Medicine, University of Maryland Medical Center, Baltimore, MD

**Academic Appointments**

2005 – 2006	Clinical Instructor, Department of Obstetrics, Gynecology and Reproductive Sciences, Yale Medical School, New Haven, CT.
2014 – 2019	Associate Professor, Department of Obstetrics, Gynecology and Reproductive Sciences, University of Maryland School of Medicine, Baltimore, MD
2019 – present	Professor, Department of Obstetrics, Gynecology and Reproductive Sciences, University of Maryland School of Medicine, Baltimore, MD

### **Professional Memberships**

1998-2002	Turkish Medical Association
2006-present	Society of Maternal Fetal Medicine (SMFM)
2007-present	American College of Obstetricians and Gynecologists (ACOG)
2019-present	Society of Critical Care Medicine

### **Honors and Awards**

1992	TUMAY Foundation, Istanbul, Turkey, awarded for best research “Incidence of Hepatitis B Virus Infection in Turkish Pregnant Women”
1994	Turkish Hepatology Foundation, Istanbul, Turkey, awarded for best research Seroepidemiology of Hepatitis B Virus in Pregnant Women; Prevalence, Family Transmission and Cost Effectiveness”
2008	Resident teaching award. Excellence in Student Teaching. Department of Obstetrics, Gynecology and Reproductive Sciences, University of Maryland
2010	Society of Maternal Fetal Medicine (SMFM) awarded or “Awards of Research Excellence” in oral plenary session
2013	University of Maryland Medical Center Nursing Award for Physician Colleague.
2016	Top Doctor 2016, Baltimore Magazine.
2020	Top Doctor 2020, Baltimore Magazine.
2020	M. Carlyl Crenshaw Jr, Lecturer in Maternal Fetal Medicine

### **Clinical activities**

#### **Scope of clinical activities**

2014 Fetal Therapy Program, This program oversees around 500 complicated pregnancies with multiple fetal anomalies on a yearly basis perform all aspects of fetal interventions such as laser photocoagulation of intertwined anastomosis (15-25 per year)

2014 Complex Obstetric Surgery Program. This program manages all complex obstetric surgical procedures including morbidly adherent placental disease, pregnant women with extreme morbid obesity (BMI>50), previous complicated abdominal surgeries (exp. Bowel resection, >4 previous cesarean deliveries) and fetuses requires EXIT procedure. Number of referral cases were more than 6 fold increased in 7 years (25 to 160). I have performed majority of these surgeries. I have been on call for these cases 24/7, regardless of my in-house or out-of-house call.

#### **Clinical Expertise**

Board certified Obstetrician and Gynecologist (2012)  
Board certified Maternal and Fetal Medicine Specialist (2017)  
Expertise in fetal interventions  
Clinical and research focus on identification and treatment of preterm labor  
Expertise in complex obstetric surgery  
Clinical and research focus on identification and treatment of preterm labor  
Clinical and research expertise on ischemic placental disease (placenta previa, fetal growth restriction, placental abruption).

#### **Development of Clinical Programs:**

**Complex Obstetric Surgery Program**. The term Complex Obstetric Surgery (COS) encompasses all surgical procedures that carry more than typical risk for maternal and/or fetal morbidity. The number of pregnant women who require challenging surgical procedures during pregnancy is increasing. Recognition of such patients reduces the risk morbidity and mortality.

The COS program focuses on a) identifying patients at high risk, b) providing expert multi-disciplinary treatment modalities, and c) coordinating follow-up of those conditions, including formal research protocols, peer and public education, and sophisticated post-graduate training. Highlighting a specific area of interest by a formal structure such as this program is an important step in recognizing a discrete area of activity, which will benefit from specific emphasis within an overall organization (i.e. our Department).

### **Administrative Service**

#### **Institutional Service**

2014 – present	Director of Fetal Therapy, Division of Maternal and Fetal Medicine, University of Maryland School of Medicine, Baltimore, MD
2014 – present	Director of Complex Obstetric Surgery, Division of Maternal and Fetal Medicine, University of Maryland School of Medicine, Baltimore, MD
2014 – present	Associate Program Director for Perinatal Research in the Maternal and Fetal Medicine Fellowship, Division of Maternal and Fetal Medicine, University of Maryland School of Medicine, Baltimore, MD
2017 – present	Director, Division of Maternal and Fetal Medicine, University of Maryland School of Medicine
2019 – present	Vice Chair, Responsible form Obstetric Services, University of Maryland School of Medicine, Baltimore, MD

#### **School of Medicine Committees**

2009 - 2011	Member of Patient Safety, Quality Assurance/Quality Improvement Committee, University of Maryland, Baltimore, MD
2014-present	Lecturer in Genetic Counselor Training Program
2015-present	Interviewer, Medical Student Application Committee Perform yearly 3-8 candidate interviews for medical school admission

#### **Department Committees**

2011-present	Interviewer, Maternal Fetal Medicine Fellow Interview Committee
2014-present	OB/GYN departmental research committee- serve as one of the principle members of this committee - monthly meetings to improve collaboration between basic and clinical science
2014-2019	Interviewer, Obstetrics and Gynecology Resident Interview Committee

### **Local and National Service**

#### **National Service**

2008- present	Journal Manuscript reviewer, European Journal of Obstetrics Gynecology and Reproductive Biology (2/yr), Expert Opinion on Medical Diagnostics, Ultrasound in Obstetrics and Gynecology (3/yr), Journal of Perinatal Medicine (1/yr), American Institute Ultrasound Medicine (1/yr), Journal of Maternal Fetal and Neonatal Medicine (1-2/yr), American Journal Obstetrics and Gynecology (3/yr)
2015- present	North American Fetal Therapy Network (NAFNET) steering committee primary delegate
2016- present	Abstract reviewers for American Institute for Ultrasound in Medicine (AIUM).

### International Services

2019- present International Society of Abnormally Invasive Placenta (IS-AIP) steering committee primary delegate.

### Grant Support

#### Active Grants

09/01/18 – 08/31/23 PI (20%)  
“Contrast-Enhanced /Microbubble and B-Flow/M-Mode Ultrasonography to Quantify Uteroplacental Perfusion During Baboon and Human Pregnancy”  
National Institute of Child Health and Human Development  
R01 HD093946  
Annual Direct Cost: \$350,701  
Annual Cost: \$513,806  
Total Direct Cost: \$1,753,505  
Total Cost: \$2,582.655

#### Clinical Trials:

02/06/18 – 02/09/19 PI (1%, .12 calendar months)  
“A Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study of the Efficacy and Safety of DigiFab in Antepartum Subjects with Severe Pre-eclampsia”  
Sponsor: Velo Bio, LLC, Protocol #Velo-201  
Direct Costs: \$138,434.88

#### Completed Grant

01/30/10 - 06/1/2014 Consultant PI: Hoffman/Wapner  
NICHD R21 (NuMoM2b study) Ancillary study to Nulliparous to examine the role of the fetal Adrenal Gland in prediction of Preterm birth.

### PUBLICATIONS

#### Peer reviewed Journal Articles

1. Altuncu N, **Turan O**, Ceylan Y, Nurluoglu M. The Incidence of Neural Tube Defect in Turkish population. *Jinekoloji ve Obstetrik Dergisi*. 1991 Apr; 4(1): 187-200.
2. Altuncu N, **Turan O**, Ceylan Y, Nurluoglu M. Results of Doppler Velocimetry in IUGR. *Jinekoloji ve Obstetrik Dergisi*. 1991 Jun; 6(1): 388-391.
3. Kuru U, **Turan O**, Ceylan Y, Nurluoglu M, Alver A. The Incidence of Hepatitis B Virus Infection in Pregnant Turkish Women.. *Klimik Dergisi*. 1992 May; 5(2): 19-22.
4. Genç M, Agaçfidan A, Yegenoglu Y, **Turan O**, Kuru U, Mårdh PA. Screening for Chlamydia trachomatis and Neisseria gonorrhoeae in Pregnant Turkish Women. *Eur. J. Clin. Microbiol. Infect. Dis*. 1993 May; 12(5): 395-6. Cited in PubMed; PMID: 8354310.
5. Kuru U, Bilgen N, Aytoz A, **Turan O**, Besikci R, Alver A. Case report: Pneumotoraks after aspiration of meconium.. *Jinekoloji Obsterik Pediatri*. 1993 Jun; 1(1): 58-60.
6. **Turan O**, Kuru U, Nurluoglu M, Ceylan Y, Alver A. Comparison of two different ELISA techniques for determination of toxoplasma infection at pregnancy.. *Jinekoloji Obsterik Pediatri*. 1993 Jun; 1(1): 29-31.

7. **Turan O**, Kuru U, Agacfidan A, Nurluoglu M, Ceylan Y, Alver A. Screening Syphilis in Pregnant Women: Do Pregnant Women Have To Be Screened For Syphilis in Turkey?. *Infeksiyon Dergisi (Turkish Journal of Infection)*. 1993 Jul; 7(1): 297-301.
8. Kuru U, **Turan O**, Ulucakli O, Alver A, Ceylan Y, Nurluoglu M. Hepatitis B Virus Prevalence in Hospital Staff. Results of Three Years. *Infeksiyon Dergisi (Turkish Journal of Infection)*. 1993 Jul; 7(1): 253-257.
9. Kuru U, **Turan O**, Kuru N, Saglam Z, Alver A, Ceylan Y, Nurluoglu M. Hepatitis B Virus Infection Prevalence in Hospital Staff.. *T Klin Gastroenterohepatol*. 1994 May; 5(1):182-7.
10. Kuru U, **Turan O**, Kuru N, Salam Z, Alver A. Results of vaccinated infants born to HbsAg-positive mothers with different hepatitis M vaccines and doses.. *The Turkish Journal of Pediatrics*. 1995 Apr; 37(2): 93-102. Cited in PubMed; PMID: 7597774.
11. Kuru U, **Turan O**, Kuru N, Saglam Z, Ceylan Y, Nurluoglu M, Agacfidan A. Prevalence of Hepatitis B Virus Infection in Pregnant Turkish Women and Their Families.. *Eur. J. Clin. Microbiol. Infect. Dis*. 1996 Mar; 15(3): 248-251. Cited in PubMed; PMID: 8740863.
12. Yasar L, Kasabaligil A, Savan K, Karateke A, Çankaya A, **Turan O**, Yildirim B. The Association Rate of Cervical and Vulvar Intraepithelial Neoplasias. *T.Klin. J. Gynecol Obs*. 1997 Jul; 7(1): 254-258.
13. **Turan O**, Kartal E, Yasar L, Karateke A, Savan K. The Incidence of Anal Incontinence in Stress Incontinence Patients. *Klinik Bilimler & Doktor Dergisi*. 2000 Jun; 6(5): 669-673.
14. **Turan O**, Koç S, Yasar L, Karateke A, Savan K. Comparison of Leak Point Pressure and Maximum Urethral Pressure on the Diagnosis of Type III Urethra. *Klinik Bilimler & Doktor Dergisi*. 2000 Aug; 6(6): 807-812.
15. Huggon IC, **Turan O**, Allan LD. Doppler assessment of cardiac function at 11 to 14 weeks gestation in fetuses with normal and increased nuchal translucency. *Ultrasound Obstet Gynecol*. 2004 Sep; 24(4): 390-398. Cited in PubMed; PMID: 15343592.
16. Nicolaides KH, Bindra R, **Turan OM**, Chefetz I, Sammar M, Meiri H, Tal J, Cuckle HS. A novel approach to first trimester screening for early Pre-eclampsia combining serum PP-13 and Doppler ultrasound.. *Ultrasound Obstet Gynecol*. 2006 Jan; 27(1): 13-17. Cited in PubMed; PMID: 16374755.
17. Bamfo JE, Kametas NA, **Turan O**, Khaw A, Nicolaides KH. Maternal cardiac function in fetal growth restriction. *BJOG*. 2006 Jul; 113(7): 784-791. Cited in PubMed; PMID: 16827761.
18. **Turan OM**, Turan S, Funai EF, Buhimschi IA, Copel JA, Buhimschi CS. Fetal adrenal gland volume. A novel method to identify women at risk for impending preterm labor. *Obstet Gynecol*. 2007 Apr; 109(4): 855-862. Cited in PubMed; PMID: 17400846.
19. Turan S, **Turan OM**, Berg C, Moyano D, Bhide A, Bower S, Thilaganathan B, Gembruch U, Nicolaides K, Harman C, Baschat AA. Computerized fetal heart rate analysis, Doppler Ultrasound and Biophysical Profile Score in the prediction of acid-base status of growth restricted fetuses. *Ultrasound Obstet Gynecol*. 2007 Oct; 30(5): 750-756. Cited in PubMed; PMID: 17688309.
20. Parra-Cordero M, **Turan OM**, Kaur A, Pearson JD, Nicolaides KH.. Maternal serum soluble adhesion molecule levels at 11+0-13+6 weeks and subsequent development of pre-eclampsia. *J Matern Fetal Neonatal Med*. 2007 Nov; 20(11): 793-796. Cited in PubMed; PMID: 17943642.
21. Khaw A, Kametas NA, **Turan OM**, Bamfo JE, Nicolaides KH.. Maternal cardiac function and uterine artery Doppler at 11-14 weeks in the prediction of pre-eclampsia in nulliparous women. *BJOG*. 2008 Feb; 115(3): 369-376. Cited in PubMed; PMID: 18190374.
22. Sfakianaki AK, Buhimschi IA, Pettker CM, Magloire LK, **Turan OM**, Hamar BD, Buhimschi CS.. Ultrasonographic evaluation of myometrial thickness in twin pregnancies. *Am J Obstet Gynecol*. 2008 Feb; 198(5): 530.e1-10. Cited in PubMed; PMID: 18279826.

23. Buhimschi CS, **Turan OM**, Funai EF, Azpurua H, Bahtiyar OM, Turan S, Zhao G, Dulay A, Bhandari V, Copel JA, Buhimschi IA. Fetal adrenal gland volume and cortisol/dehydroepiandrosterone sulfate ratio in inflammation-associated preterm birth. *Obstet Gynecol.* 2008 Mar; 111(3): 715-722. Cited in PubMed; PMID: 18310376.
24. Iqbal S, Kriebs J, Harman C, Gungor S, Alger L, **Turan O**, Kopelman J, Malinow A, Baschat AA.. Protease inhibitor therapy and fetal growth potential in HIV-positive women. *Am J Perinatol.* 2008 Jun; 25(6): 335-339. Cited in PubMed; PMID: 18509788.
25. Manogura AC, **Turan O**, Kush ML, Berg C, Bhide A, Turan S, Moyano D, Bower S, Nicolaides KH, Galan HL, Müller T, Thilaganathan B, Gembruch U, Harman CR, Baschat AA.. Predictors of necrotizing enterocolitis in preterm growth-restricted neonates. *Am J Obstet Gynecol.* 2008 Jun; 198(6): 638.e1-5. Cited in PubMed; PMID: 18191804.
26. **Turan OM**, Turan S, Gungor S, Berg C, Moyano D, Gembruch U, Nicolaides KN, Harman CR, Baschat AA. Progression of Doppler abnormalities in fetal growth restriction.. *Ultrasound Obstet Gynecol.* 2008 Aug; 32(2): 160-167. Cited in PubMed; PMID: 18634130.
27. **Turan OM**, De Paco C, Kametas N, Khaw A, Nicolaides KH. Effect of parity on maternal cardiac function during the first trimester of pregnancy. *Ultrasound Obstet Gynecol.* 2008 Dec; 32(7): 849-854. Cited in PubMed; PMID: 13836067.
28. Turan S, **Turan OM**, Maisel P, Gaskin P, Harman CR, Baschat AA. Three-dimensional ultrasound in the prenatal definition of aortic arch abnormalities. *J Clin Ultrasound.* 2009 Jun; 37(5): 253-257. Cited in PubMed; PMID: 19253354.
29. Turan S, **Turan OM**, Ty-Torredes K, Harman CR, Baschat AA. Standardization of the first trimester fetal cardiac examination using spatio-temporal image correlation (STIC) with tomographic ultrasound (TUI) and color Doppler imaging. *Ultrasound Obstet Gynecol.* 2009 Jun; 33(6): 652-656. Cited in PubMed; PMID: 19405042.
30. Baschat A, Kasdaglis T, Aberdeen G, **Turan O**, Kopelman J, Atlas R, Jenkins C, Blitzer M, Harman C. First-Trimester Angiopoietin-2: Relationships with Maternal and Placental Characteristics. *Am J Perinatol.* 2009 Jun; 5(Epub ahead of print): Epub ahead of print. Cited in PubMed; PMID: 19504428.
31. Baschat AA, Kasdaglis TL, Aberdeen GW, **Turan OM**, Kopelman JL, Atlas R, Jenkins C, Blitzer M, Harman CR. Serum pentraxin-3 levels at 11 to 14 weeks' gestation: association with maternal and placental characteristics. *Am J Obstet Gynecol.* 2009 Sep; 201(3): 298.e1-6. Cited in PubMed; PMID: 19631929.
32. Turan S, **Turan O**, Baschat AA. Three- and four-dimensional fetal echocardiography. *Fetal Diagn Ther.* 2009 Sep; 25(4): 361-372. Cited in PubMed; PMID: 19786781.
33. Kasdaglis T, Aberdeen G, **Turan O**, Kopelman J, Atlas R, Jenkins C, Blitzer M, Harman C, Baschat AA. Placental growth factor in the first trimester: relationship with maternal factors and placental Doppler studies. *Ultrasound Obstet Gynecol.* 2010 Mar; 35(3):280-5.
34. Iqbal SN, Kriebs J, Harman C, Alger L, Kopelman J, **Turan O**, Gungor S, Malinow A, Baschat AA. Predictors of Fetal Growth in Maternal HIV Disease. *Am J Perinatal.* 2010 Aug; 27(7):517-23. doi: 10.1055/s-0030-1248937. Epub 2010 Mar 3.
35. Turan S, **Turan OM**, Miller J, Harman C, Reece EA, Baschat AA. Decreased fetal cardiac performance in the first trimester correlates with hyperglycemia in pregestational maternal diabetes. *Ultrasound Obstet Gynecol.* 2011 Sep; 38(3):325-31. doi: 10.1002/uog.9035. Epub 2011 Aug 10. PubMed PMID: 21538641.
36. **Turan OM**, Turan S, Funai EF, Buhimschi IA, Campbell CH, Bahtiyar OM, Harman CR, Copel JA, Buhimschi CS, Baschat AA. Ultrasound measurement of fetal adrenal gland enlargement: an accurate predictor of preterm birth. *Am J Obstet Gynecol.* 2011 Apr; 204(4):311.e1-10. doi: 10.1016/j.ajog.2010.11.034. Epub 2011 Feb 3. PubMed PMID: 21292230.
37. **Turan OM**, Turan S, Berg C, Gembruch U, Nicolaides KH, Harman CR, Baschat AA. Duration of persistent abnormal ductus venosus flow and its impact on perinatal

- outcome in fetal growth restriction. *Ultrasound Obstet Gynecol.* 2011 Sep;38(3):295-302. doi: 10.1002/uog.9011. PubMed PMID: 21465604.
38. Baschat AA, **Turan OM**, Turan S. Ductus venosus blood-flow patterns: more than meets the eye? *Ultrasound Obstet Gynecol.* 2012 May; 39(5):598-9. doi:10.1002/uog.10151. Epub 2012 Apr 10. PubMed PMID: 22223470.
  39. **Turan OM**, Turan S, Buhimschi IA, Funai EF, Campbell KH, Bahtiyar OM, Harman CR, Copel JA, Baschat AA, Buhimschi CS. Comparative Analysis of 2-D Versus 3-D Ultrasound Estimation of the Fetal Adrenal Gland Volume and Prediction of Preterm Birth. *Am J Perinatol.* 2012 Oct;29(9):673-80. doi: 10.1055/s-0032-1314887. Epub 2012 May 29. PubMed PMID: 22644825.
  40. Baschat AA, Kush M, Berg C, Gembruch U, Nicolaidis KH, Harman CR, **Turan OM**. Hematologic profile of neonates with growth restriction is associated with rate and degree of prenatal Doppler deterioration. *Ultrasound Obstet Gynecol.* 2013 Jan; 41(1):66-72. doi: 10.1002/uog.12322. Epub 2012 Dec 14. PubMed PMID: 23065842.
  41. Llorba E, **Turan O**, Kasdaglis T, Harman CR, Baschat AA. Emergence of Late-Onset Placental Dysfunction: Relationship to the Change in Uterine Artery Blood Flow Resistance between the First and Third Trimesters. *Am J Perinatol.* 2012 Dec 19. [Epub ahead of print] PubMed PMID: 23254384.
  42. Turan S, **Turan OM**, Salim M, Berg C, Gembruch U, Harman CR, Baschat AA. Cardiovascular Transition to Extrauterine Life in Growth-Restricted Neonates: Relationship with Prenatal Doppler Findings. *Fetal Diagn Ther.* 2012 Dec 12. [Epub ahead of print] PubMed PMID: 23235457.
  43. Llorba E, Baschat AA, **Turan OM**, Harding J, McCowan LM. Childhood cognitive development after fetal growth restriction. *Ultrasound Obstet Gynecol.* 2013 Jan 3. doi: 10.1002/uog.12388. [Epub ahead of print] PubMed PMID: 23288449.
  44. Baschat AA, Barber J, Pedersen N, **Turan OM**, Harman CR. Outcome after fetoscopic selective laser ablation of placental anastomoses vs equatorial laser dichorionization for the treatment of twin-to-twin transfusion syndrome. *Am J Obstet Gynecol.* 2013 May 22. doi: pii: S0002-9378(13)00521-8. 10.1016/j.ajog.2013.05.034. [Epub ahead of print]
  45. **Turan OM**, Turan S, Sanapo L, Wilruth A, Berg C, Gembruch U, Harman CR, Baschat AA. Reference ranges for ductus venosus velocity ratios. *J. Ultr Med.* 2014;33:329-336
  46. **Turan OM**, Turan S, Sanapo L, Rosenbloom JI, Baschat AA. A semi-quantitative classification of ductus venosus blood flow patterns. *Ultrasound Obstet Gynecol.* 2013 Sep 6. doi: 10.1002/uog.13207.
  47. Sanapo L, **Turan OM**, Turan S, Ton J, Atlas M, Baschat AA. Correlation analysis of ductus venosus velocity indices and fetal cardiac function. *Ultrasound Obstet Gynecol.* 2013 Nov 1. doi: 10.1002/uog.13242.
  48. Block-Abraham DM, **Turan OM**, Doyle LE, Kopelman JN, Atlas RO, Jenkins CB, Harman CR, Blitzer MG, Baschat AA. First trimester maternal characteristics, Doppler parameters and serum analytes after preeclampsia. *Hypertens Pregnancy.* 2013 Dec 4. [Epub ahead of print] PubMed PMID: 24304164.
  49. Block-Abraham DM, **Turan OM**, Doyle LE, Kopelman JN, Atlas RO, Jenkins CB, Blitzer MG, Baschat AA. First-trimester risk factors for preeclampsia development in women initiating aspirin by 16 weeks of gestation. *Obstet Gynecol.* 2014 Mar;123(3):611-7.
  50. Turan S, **Turan OM**, Desai A, Harman CR, Baschat AA. First trimester fetal cardiac examination using spatiotemporal image correlation, tomographic ultrasound and color Doppler imaging for the diagnosis of complex congenital heart disease in high-risk patients. *Ultrasound Obstet Gynecol.* 2014 Nov;44(5):562-7. doi: 10.1002/uog.13341.
  51. Seravalli V, Block-Abraham DM, **Turan OM**, Doyle LE, Kopelman JN, Atlas RO, Jenkins CB, Blitzer MG, Baschat AA. First-trimester prediction of small-for-gestational age neonates incorporating fetal Doppler parameters and maternal characteristics. *Am J Obstet Gynecol.* 2014 Mar 11. pii: S0002-9378(14)00227-0. doi: 10.1016/j.ajog.2014.03.022. [Epub ahead of print] PubMed PMID: 24631442.

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53. Fox KA, Shamsirsaz AA, Carusi D, Secord AA, Lee P, **Turan OM**, Huls C, Abuhamad A, Simhan H, Barton J, Wright J, Silver R, Belfort MA. Conservative management of morbidly adherent placenta: expert review. *Am J Obstet Gynecol.* 2015 Dec; 213(6):755-60.
54. Gabbay-Benziv R, **Turan OM**, Harman C, Turan S. Nomograms for Fetal Cardiac Ventricular Width and Right-to-Left Ventricular Ratio. *J Ultrasound Med.* 2015 Nov; 34(11):2049-55.
55. Hoffman MK, **Turan OM**, Parker CB, Wapner RJ, Wing DA, Haas DM, Esplin MS, Parry S, Grobman WA, Simhan HN, Myers S, Holder TE Jr, Rumney P, Litton CG, Silver RM, Elovitz MA, Peaceman AM, Emery S, Mercer BM, Koch MA, Saade GR; Nulliparous Pregnancy Outcomes Study: Monitoring Mothers-to-Be (nuMoM2b) Network. Ultrasound Measurement of the Fetal Adrenal Gland as a Predictor of Spontaneous Preterm Birth. *Obstet Gynecol.* 2016 Mar 7. [Epub ahead of print] PubMed PMID: 26959201
56. Block-Abraham DM, Adamovich D, **Turan OM**, Doyle LE, Blitzer MG, Baschat AA. Maternal blood pressure during pregnancy and the risk of delivering a small for gestational age neonate. *Hypertens Pregnancy* 2016 Epub
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61. Crimmins S, Doyle L, Slejko J, Kopelman JN, **Turan O**. QUAD versus cfDNA in an urban population in the second trimester for detection of Trisomy 21: a cost sensitivity analysis. *J Matern Fetal Neonatal Med.* 2016 Oct 19:1-17. [Epub ahead of print] PubMed PMID: 27756173.
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63. Akkurt MO, Higgs A, Turan OT, **Turan OM**, Turan S. Prenatal diagnosis of inverted duplication deletion 8p syndrome mimicking trisomy 18. *Am J Med Genet A.* 2017 Mar; 173(3):776-779. doi: 10.1002/ajmg.a.38074. PubMed PMID: 28211984.
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65. Turan S, **Turan OM**. Arterial and Venous Doppler in Evaluation of the "At-Risk" Fetus. *Clin Obstet Gynecol.* 2017 Sep; 60(3):668-678.
66. Turan S, Asoglu MR, Gabbay-Benziv R, Doyle L, Harman C, **Turan OM**. Yield rate of chromosomal microarray analysis in fetuses with congenital heart defects. *Eur J Obstet Gynecol Reprod Biol.* 2018 Feb; 221:172-176.
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- diabetic environment and early cardiac assessment: A review. *Echocardiography*. 2018 Feb; 35(2):244-257.
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### **Non-Peer reviewed**

1. Turan OM. Detecting and managing monochorionic twin complications. *Ob.Gyn News* 2017;(20) Feb 20-21
2. Turan OM. Morbidity adherent placenta: Multidisciplinary approach. *Ob Gyn News* 2017 (20) Nov 14-15

### **Book Chapter**

1. Turan OM, Nicolaides KN. 11-13+6 hafta ultrasound (The 11-13<sup>+6</sup> weeks scan). Fetal Medicine Foundation. London, United Kingdom 2004
2. Harman C, Turan OM. Book Chapter: Fetal Growth Restriction Fleischer's Sonography in Obstetrics and Gynecology, 8<sup>th</sup> edition. 2017
3. Turan S, Turan O. Three- and four-dimensional ultrasound and magnetic resonance imaging in pregnancy. Medicine of the Fetus & Mother, 4<sup>th</sup> addition 2021 (In print)
4. A. Shannon Lankford, O. Turan. Doppler Ultrasonography and Fetal Well Being . Medicine of the Fetus & Mother, 4<sup>th</sup> addition 2021 (In print)

### **Major Invited Speeches**

#### **Local**

1. Evaluations and treatment of Mixed Mesothelial Malignant Tumors. Monthly seminars of Gynecology and Obstetric Association of Istanbul. Istanbul-Turkey. 1992
2. Diagnostic criteria of urinary incontinence. Monthly Seminars of Gynecology and Obstetric Association of Istanbul. Istanbul - Turkey. 1997
3. Diagnosis and treatment of urinary incontinence. Monthly Education 2001 Seminars of SSK Bakırköy Maternity and Children Hospital. Istanbul –Turkey 2001
4. Laparoscopic Management of Pelvic Relaxation and Incontinence. Surgical Techniques & Video Festivals Association of Laparoscopic Surgeons at Istanbul, Istanbul - Turkey. 2001
5. Heat shock proteins and their effects on reproduction. Monthly Seminars at Experimental Medicine and Research Center. Istanbul - Turkey. 2001
6. Uterine artery Doppler measurement in second trimester and evaluation of diastolic wave form. Harris Birthright Research Center seminars. King's College Hospital. London, United Kingdom. 2004
7. Basic principals in obstetric ultrasound examination. Weekly seminars in Yale Resident Education Schedule. Yale Medical School, New Haven, CT 2005
8. Progression of Doppler abnormalities in FGR. Maryland Obstetrician and Gynecologist Association at Baltimore Nagey Research Day presentation Baltimore, MD 2007
9. The biological basis of prenatal brain injury. Grand Round in Department of Obstetrics, Gynecology and Reproductive Sciences, Baltimore MD 2012
10. First trimester screening: Changing algorithms. Grand Round in Department of Obstetrics, Gynecology and Reproductive Sciences, Baltimore MD 2013
11. Management morbidly adherent placental disease. - Multidisciplinary team. Grand Round in Department of Obstetrics, Gynecology and Reproductive Sciences, Baltimore MD 2014
12. To leave or not to leave: surgical management of morbidly adherent placenta. Grand Round in Franklin Square Hospital Department of Obstetrics and Gynecology, Baltimore, MD 2014
13. To leave or not to leave: surgical management of morbidly adherent placenta. Grand Round in Prince George's Hospital Department of Obstetrics and Gynecology, Cheverly MD 2015
14. Abnormal placentation – COS experience. Symposium in Department of Obstetrics, Gynecology and Reproductive Sciences, Baltimore MD 2016
15. Abnormal placentation – COS experience. Grand Round, Great Baltimore Medical Center, Baltimore MD 2018
16. Abnormal placentation – COS experience. Grand Round, Princess Georges Hospital MD 2018

17. Multiple pregnancies: Fetal Interventions. Grans Round, Frederick Memorial Hospital, MD, 2019
18. Multiple pregnancies: Fetal Interventions. Grans Round, Saint Agnes Hospital, MD, 2019
19. A novel treatment for short cervix: Long term Indomethacin. Department of Obstetrics, Gynecology and Reproductive Sciences, University of Maryland School of Medicine, Baltimore, MD 2019
20. New surgical approaches in the management of placenta accreta spectrum. Crenshaw Lecture 2020, University of Maryland School of Medicine
21. What can we forecast in the first trimester? Grand Round, Department of Obstetrics, Gynecology, Sanai Hospital, MD 2021
22. First trimester preeclampsia screening. Grand Round, Department of Obstetrics, Gynecology and Reproductive Sciences, University of Maryland School of Medicine, Baltimore, MD 2021

### **National**

23. Utility of Doppler in fetal growth restriction. American Institute of Ultrasound in Medicine Annual Convention. Orlando, FL 2017
24. Doppler assessment in twin pregnancies. American Institute of Ultrasound in Medicine Annual Convention. Orlando, FL 2017
25. Doppler assessment in twin pregnancies. American Institute of Ultrasound in Medicine Annual Convention. New York, NY 2018
26. Doppler assessment in twin pregnancies. American Institute of Ultrasound in Medicine Annual Convention. New York, NY 2018

### **International**

27. Prediction of preterm birth: Fetal adrenal gland measurement. International Congress of Obstetrics and Gynecology, Brasillia, Brasil 2010
28. Progression of Doppler abnormalities in FGR. International Congress of Obstetrics and Gynecology, Brasillia, Brasil 2010
29. Activation of fetal adrenal gland at the onset of the preterm labor. Maternal Fetal Medicine and Perinatology Association VIIIth National Congress, Istanbul, Turkey 2012
30. Management of early onset IUGR. Maternal Fetal Medicine and Perinatology Association VIIIth National Congress, Istanbul, Turkey, October 2012
31. Timing of delivery in early onset fetal growth restriction. Grand round in Kanuni Sultan Suleyman Hospital Department of Obstetrics and Gynecology, Istanbul, Turkey 2012
32. Pitfalls in fetal therapy. 14th Turkish National Congress of Gynecology and Obstetrics, Antalya, Turkey 2016
33. A new treatment method in short cervix: Long term indomethacin. 14<sup>th</sup> Turkish National Congress of Gynecology and Obstetrics, Antalya, Turkey
34. Diagnosis and treatment of fetal growth restriction. Maternal Fetal Medicine and Perinatology Association. Course in Ultrasound in Obstetrics, Istanbul, Turkey 2016
35. The role of fetal surgery in congenital heart defects. The Fetal Heart. International symposium & hands on learning. Baltimore, MD 2017
36. Delivery management of high risk cardiac fetus. The Fetal Heart. International symposium & hands on learning. Baltimore, MD 2017
37. Genetics in twin pregnancies. Gran Round. Kanuni Sultan Suleyman Hospital Department of Obstetrics and Gynecology, Istanbul, Turkey. 2017
38. A new treatment of short cervix: Early onset long-term indomethacin treatment. ESOG-ACOG meeting, Addis Ababa, Ethiopia. 2018
39. Doppler application in fetal growth restriction. Addis Ababa, Ethiopia. 2018

40. Demise of twin pair: How to manage. 10<sup>th</sup> Congress of Ultrasound in Obstetrics and Gynecology, Sarigerme-Dalaman, Turkey. 2018
41. A new treatment of short cervix: Early onset long-term indomethacin treatment. 10<sup>th</sup> Congress of Ultrasound in Obstetrics and Gynecology, Sarigerme-Dalaman, Turkey. 2018
42. Delivery management of severe congenital heart defects. The Fetal Heart. International symposium & hands on learning. Baltimore, MD 2019
43. Cardiac defects in multiple pregnancies: Case presentation & challenges in management. The Fetal Heart. International symposium & hands on learning. Baltimore, MD 2019
44. How to prepare physicians to COVID infection. Turkish Obstetrics and Gynecology Association- web seminar, Istanbul, Turkey 2020
45. COVID infection in pregnant women. Maternal Fetal Medicine and Perinatology Association, Istanbul Turkey, 2020
46. How to manage pregnancy in severe COVID infection. Turkish Obstetrics and Gynecology Association- web seminar, Istanbul, Turkey 2020
47. Placenta accreta spectrum
48. Management of fetal growth restriction. Maternal Fetal Medicine and Perinatology Association, Istanbul Turkey 2020
49. New surgical approaches in the management of placenta accreta spectrum. Association of Obstetrics Anesthesia, India 2021
50. Early and late onset fetal growth restriction. Grand Round, Gazi University Medical School. Department of Obstetrics and Gynecology, Ankara, Turkey, 2021
51. Management of placenta accreta spectrum. Nort Zone YUVA FOGSI 2020, Federation of Obstetric and Gynecological Society of India, India, 2021