

# Alireza Abdollah Shamshirsaz, M.D., FACOG

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## Education and Trainings:

### 2012-2014:

- **Baylor College of Medicine/Texas Children's Hospital:** Department of Obstetrics and Gynecology, Clinical Fellow, Perinatal Surgery, PGY-8 to PGY-9 (September 2012- September 2014), mentor: Dr. Michael A. Belfort.

### 2009-2012:

- **University of Connecticut:** Department of Obstetrics and Gynecology, Clinical Fellow, Maternal-Fetal Medicine (MFM), PGY-5 to PGY-7 (July 2009- July 2012), mentors: Dr. Winston A. Campbell and Dr. James F.X. Egan.

### 2006-2009:

- **University of Iowa:** Department of Obstetrics and Gynecology (July 2006- June 2009), PGY-2 to PGY-4, mentors: Dr. Jennifer R. Niebyl and Dr. Jerome Yankowitz.

### 2005-2006:

- **State University of New York at Buffalo (SUNY-Buffalo):** Department of Obstetrics and Gynecology (June 2005- June 2006), PGY-1, mentor: Dr. John Yeh.

### 2004-2005:

- **Mount Sinai School of Medicine, NY:** Division of Gynecology Oncology (Sept 2004- June 2005) postdoc research fellow, mentor: Dr. Farr R. Nezhat.

### 2003-2005:

- **University of Colorado Health Sciences Center:** Division of Renal Diseases and Hypertension (July 2003 – June 2005) postdoc research fellow, mentor: Dr. Robert W. Schrier.

### 1999-2003:

- **Endocrine and Metabolic Research Center (EMRC)** of Tehran University of Medical Sciences (Oct 1999- June 2003) postdoc research fellow, mentor: Dr. Bagher Larijani.
- **Charity Foundation for Special Diseases (CSFD),** Tehran, Iran.

### 1992-1999:

- **Tehran University of Medical Sciences:** Internship (Mar 1997 -Sept 1999).
  - **Tehran University of Medical Sciences:** Medical School (Feb 1992- Sept 1999).
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## **Academic appointments:**

### **2019-Present:**

- **Shiraz University of Medical Sciences (SUMS):** Department of Obstetrics and Gynecology, Full Professor (Honorary Visiting professor) (July 2019-July 2022)

### **2019-Present:**

- **Stanford School of Medicine:** Department of Obstetrics and Gynecology, Adjunct Associate Professor (June 2019-present).

### **2018-Present:**

- **Baylor College of Medicine/Texas Children's Hospital:** Chief, Division of Fetal Therapy and Surgery, Department of Obstetrics and Gynecology, Baylor College of Medicine (March 2018-present).

### **2018-Present:**

- **Tehran University of Medical Sciences (TUMS):** Department of Obstetrics and Gynecology, Full Professor (Distinguished visiting Professor) (March 2018-March 2020).

### **2017-Present:**

- **Baylor College of Medicine/Texas Children's Hospital:** Department of Obstetrics and Gynecology/ Department of Surgery, Associate Professor (with tenure) (September 2017-present).

### **2016-Present:**

- **Baylor College of Medicine/Texas Children's Hospital:** Department of Obstetrics and Gynecology, Co-Chief of Maternal Fetal Surgery Section (July 2016-present).

### **2016-Present:**

- **East Virginia Medical School:** Department of Obstetrics and Gynecology, Adjunct Clinical Professor (January 2016-present).

### **2015-2019:**

- **Stanford School of Medicine:** Department of Obstetrics and Gynecology, Adjunct Clinical Professor (March 2015- June 2019).

### **2014-Present:**

- **Baylor College of Medicine/Texas Children's Hospital:** Department of Obstetrics and Gynecology/ Texas Children's Fetal Center, Director of Fetal Surgery Fellowship (September 2014-present).

### **2013-2017:**

- **Baylor College of Medicine/Texas Children's Hospital:** Department of Obstetrics and Gynecology/ Texas Children's Fetal Center, Assistant Professor (July 2013-August 2017).

**2012-2013:**

- **Baylor College of Medicine/Texas Children’s Hospital:** Department of Obstetrics and Gynecology/ Texas Children’s Fetal Center, Clinical Faculty Instructor (September 2012-June 2013).

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**LICENSURE:****State Medical Licensure**

- 2017 – present: California # C150314
- 2015 – present: Virginia # 0101258098
- 2012 – present: Texas # P4110
- 2010– 2012: Connecticut # 049189

**Medical Licensure**

- 2016 – present: Maternal Fetal Medicine Board Certification
- 2015 – present: Fellow of American College of Obstetrics and Gynecology (FACOG)
- 2012 – present: Diplomat of The American Board of Obstetrics and Gynecology
- 2005 – present: Educational Commission for Foreign Medical Graduates (ECFMG) Certified
- 2001– present: Permanent Medical License, Iran.

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**Honors and Awards:**

1. As a mentor “Baruch A. Brody Award in Medical Ethics” by Allison Sellner for “To Intervene or Not to Intervene: An Ethical Framework Supporting the Performance of Fetal Surgery in the Presence of Maternal HIV/Hepatitis Seropositivity”.
2. Elected as the “Best Articles from the Past Year in Morbidly Adherent Placenta” by Jodi S. Dashe for “Multidisciplinary team learning in the management of the morbidity adherent placenta: outcome improvements over time. Am J Obstet Gynecol 2017; 216: 612. e5.” Obstet Gynecol 2018 June; 131(6):1153-1155.
3. “Resident Research Mentor of the Year, 2017-2018”, Baylor College of Medicine, Department of Obstetrics and Gynecology.
4. “Early Career Faculty Award for Excellence in Patient Care”, Baylor College of Medicine, 06/2017
5. Letter of thanks form President of Iranian Society of Pediatric Surgeons for my contribution to 22nd Annual congress of Iranian Society of Pediatric Surgeons 8-11May 2017, Tehran, Iran.

6. The U.S. Department of Health and Human Services (HHS) recommended the J-1 waiver on 07/2016.
7. Award for best oral presentation in fetal intervention from 36th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), February 1-6, 2016, Atlanta, GA.
8. Letter of thanks form President of Iranian Society of Pediatric Surgeons for my contribution to 22nd Annual congress of Iranian Society of Pediatric Surgeons 10-14 May 2014, Tehran, Iran.
9. Elected as the “Best Articles from the Past Year in Ultrasonography” by Robert Resnick for “Fetal Hydronephrosis as a Predictor of Neonatal Urologic Outcomes. J Ultrasound Med 2012; 31:947–954.” Obstet Gynecology June 2013; 121: 1352-9.
10. Letter of thanks form President of Iranian Society of Pediatric Surgeons for my contribution to 21<sup>nd</sup> Annual congress of Iranian Society of Pediatric Surgeons 5-8 May 2013, Tehran, Iran.
11. Nominated for the New Investigator Award, “American Institution of Ultrasound in Medicine (AIUM), April 6-10, 2013, New York city, NY.
12. O-1 visa (non-immigrant temporary worker visa) granted by the United States for extraordinary ability in the sciences for five years (09/2012-06/2017).
13. Excellent and innovation in presentation award, “Society for Fetal Urology (SFU) 47<sup>th</sup> Biannual Meeting”, October 14, 2011, Boston, MA.
14. Blue Ribbon Abstracts, (abstracts that received the highest ranking), “the American College of Obstetricians and Gynecologists (ACOG) 59<sup>th</sup> Annual Clinical Meeting”, April 30-May 4, 2011, Washington, DC.
15. Young scientist award, “Iranian American Medical Association (IAMA)”, 17<sup>th</sup> Annual Meeting, May 28-30, 2010, Las Vegas, NV.
16. APSIH Young Scholar, (the highest award of APSIH), “Associated of Professors and Scholars of Iranian Heritage (APSIH)”, May 2010.
17. Recognition of Excellent in Medical Education, “Associated of Professors and Scholars of Iranian Heritage (APSIH)”, May 2010.
18. Golden Apple for Excellent in Teaching Award, “University of Iowa College of Medicine”, June 2009.
19. Travel grant, the American College of Obstetricians and Gynecologists (ACOG), presentation at Stump the professor session, “57<sup>th</sup> ACOG Annual Clinical Meeting”, May 2-6, 2009 Chicago, IL.
20. Golden Apple for Excellent in Teaching Award, “University of Iowa College of Medicine”, June 2008.

21. Blue Ribbon Abstracts, (abstracts that received the highest ranking), “ACOG 56<sup>th</sup> Annual Clinical meeting”, May 3-7, 2008, New Orleans, LA
22. Nominated for the Resident of the year, University of Iowa, April 2008.
23. Nomination for the Arnold P. Gold Foundation Humanism and Excellent in Teaching Award, SUNY at Buffalo, June 2006.
24. Young scientist award, “Iranian American Medical Association (IAMA)”, 13<sup>th</sup> Annual Meeting, May 26-29, 2006, Rutherford, NJ.
25. Blue Ribbon Abstracts, (abstracts that received the highest ranking), “ACOG 54<sup>th</sup> Annual Clinical meeting”, May 6-10, 2006 Washington, DC.
26. Academic Research Appreciation Award, from Charity Foundation for Special Diseases (CSFD), Tehran, Iran, 2004.
27. WHO CC grants, “4<sup>th</sup> European Congress on Clinical and Economic Aspects of Osteoporosis and Osteoarthritis”, Nice, France, November 2003.
28. Young scientist award, “the 9<sup>th</sup> European Nutrition Conference”, Rome, October 2003.

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## **Innovations/First Interventions:**

1. First fetoscopic Neural Tube Defect (NTD) repair at Hospital Italiano de Buenos Aires, Buenos Aires, Argentina, August 2019
2. First fetoscopic Neural Tube Defect (NTD) repair at Chris Hani Baragwanath Academic Hospital and Morningside Mediclinic, Johannesburg, South Africa, April 2019
3. First fetoscopic Neural Tube Defect (NTD) repair at Sheba Medical Center, Tel –Hashomer, Tel-Aviv University, Israel, January 2019
4. First laser ablation for placental anastomosis in Twin to Twin Tranfusion Syndrome (TTTS) at Imam Khomeini Hospital, Tehran, Iran, 2017
5. First fetoscopic Neural Tube Defect (NTD) repair in the North America at Texas Children’s Hospital Pavilion for Women, Houston, Texas, 2014
6. First open Neural Tube Defect (NTD) repair at Ghadir Mother and child Hospital, Shiraz, Iran, 2013
7. Thulium laser assisted atrial septal stent placement in fetal hypoplastic left heart syndrome (HLHS) and intact atrial septum
8. Innovate a technique to positively identify the vaginal fornices during complicated postpartum hysterectomy

9. Innovate a method to Minimize blood loss at cesarean-hysterectomy for placenta previa percreta
10. Successful management of heterotopic cesarean scar pregnancy: hysterotomy and removing the CSP at 12 weeks with preservation of intrauterine gestation and delivery at term

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## Journal Papers:

1. Erfani H, Fox KA, Belfort MA, **Shamshirsaz AA**. Preventing severe hypocalcemia during surgery for placenta accreta spectrum. *Acta Obstet Gynecol Scand*. 2019 Aug 12.
2. Torabi S, Sheikh M, Fattahi Masrouf F, **Shamshirsaz AA**, Bateni ZH, Nassr AA, Pooransari P, Talebian M, Hantoushzadeh S. Uterine artery Doppler ultrasound in second pregnancy with previous elective cesarean section. *J Matern Fetal Neonatal Med*. 2019 Jul;32(13):2221-2227
3. Espinoza J, Betancourt A, Belfort MA, **Shamshirsaz AA**, Fox KA, Yallampalli C. Placental Growth Factor Blunts Uterine Artery Responses to Angiotensin II. *BJOG*. 2019 Jul; 126(8):1058-1064.
4. Nassr AA, King A, Espinoza J, Sanz Cortes M, **Shamshirsaz AA**, Belfort MA. Successful release of pseudoamniotic bands that followed laser photocoagulation for twin-to-twin transfusion syndrome: utility of a partial carbon dioxide uterine environment. *Ultrasound Obstet Gynecol*. 2019 Jul 10
5. **Shamshirsaz AA**, Aalipour S, Erfani H, Nassr AA, Stewart KA, Kravitz ES, Rezaei A, Sanz Cortes M, Espinoza J, Belfort MA. Obstetric outcomes of ex-utero intrapartum treatment (EXIT). *Prenat Diagn*. 2019 Jul; 39(8):643-646.
6. Pan ET, Pallapati J, Krueger A, Yepez M, VanLoh S, Nassr AA, Espinoza J, **Shamshirsaz AA**, Olutoye OO, Mehollin-Ray A, de Jong H, Castillo H, Castillo J, Whitehead WE, Olutoye OA, Ayres N, Belfort MA, Sanz Cortes M. Evaluation and Disposition of Fetal Myelomeningocele Repair Candidates: A Large Referral Center Experience. *Fetal Diagn Ther*. 2019 Jun 18:1-8.
7. Sanz Cortes M, Torres P, Yepez M, Guimaraes C, Zarutskie A, Shetty A, Hsiao A, Pyarali M, Davila I, Espinoza J, **Shamshirsaz AA**, Nassr A, Whitehead W, Lee W, Belfort MA. Comparison of brain microstructure after prenatal spina bifida repair by either laparotomy assisted fetoscopic or open approach. *Ultrasound Obstet Gynecol*. 2019 Jun 20
8. Erfani H, Haeri S, Shainker SA, Saad AF, Ruano R, Dunn TN, Rezaei A, Aalipour S, Nassr AA, Shamshirsaz AA, Vaughn M, Lindsley W, Spiel MH, Shazly SA, Ibirogba ER, Clark SL, Saade GR, Belfort MA, **Shamshirsaz AA**. Vasa Previa: A multicenter retrospective cohort study. *Am J Obstet Gynecol*. 2019 Jun 12.

9. Erfani H, Fox KA, Clark SL, Rac M, Hui SR, Rezaei A, Aalipour S, Shamshirsaz AA, Nassr AA, Salmanian B, Stewart KA, Kravitz ES, Eppes C, Coburn M, Espinoza J, Teruya J, Belfort MA, **Shamshirsaz AA**. Maternal Outcomes in Unexpected Placenta Accreta Spectrum Disorders - Single-Center Experience with a Multidisciplinary Team. *Am J Obstet Gynecol*. 2019 Jun 4
10. **Shamshirsaz AA**, Fox KA, Erfani H, Clark SL, Hui SK, Shamshirsaz AA, Rezaei A, Nassr AA, Lake YN, Teruya J, Belfort MA. Coagulopathy in surgical management of placenta accreta spectrum. *Eur J Obstet Gynecol Reprod Biol*. 2019 Jun; 237:126-130.
11. Erfani H, Diaz-Rodriguez GE, Aalipour S, Nassr A, Rezaei A, Gandhi M, Mendez-Figueroa H, Aagaard KM, **Shamshirsaz AA**. Amnioreduction in cases of polyhydramnios: Indications and outcomes in singleton pregnancies without fetal interventions. *Eur J Obstet Gynecol Reprod Biol*. 2019 May 19
12. **Shamshirsaz AA**, Erfani H, Aalipour S, Shah SC, Nassr AA, Stewart KA, Rezaei A, Sanz Cortes M, Espinoza J, Belfort MA. Primary fetal pleural effusion: Characteristics, outcomes, and the role of intervention. *Prenat Diagn*. 2019 May; 39(6):484-488.
13. Erfani H, **Shamshirsaz AA**, Fox KA, Rezaei A, Hui SR, Shamshirsaz AA, Nassr AA, Salmanian B, Espinoza J, Teruya J, Belfort MA. Severe hypocalcemia during surgery for placenta accreta spectrum: The case for empiric replacement. *Acta Obstet Gynecol Scand*. 2019 Apr 29
14. Espinoza AF, Belfort MA, **Shamshirsaz AA**, Hudson KM, Parisi X, Nassr AA, Sanz-Cortez M, Erfani H, Espinoza J. Impedance to blood flow in the umbilical arteries and infant survival in twin-to-twin transfusion syndrome. *Ultrasound Obstet Gynecol*. 2019 Apr 22
15. Espinoza AF, Lee W, Belfort MA, **Shamshirsaz AA**, Mastrobattista J, Espinoza J. Fetal Tachycardia Is an Independent Risk Factor for Chromosomal Anomalies in First-Trimester Genetic Screening. *J Ultrasound Med*. 2019 Apr 22.
16. Nassr AA, **Shamshirsaz AA**, Erfani H, Espinoza J, Sanz Cortes M, Koh CJ, Roth DR, Angelo JR, Mandy GT, Braun MC, Ruano R, Belfort MA. Outcome of fetuses with lower urinary tract obstruction and normal amniotic fluid volume in the second trimester of pregnancy: a single center experience. *Ultrasound Obstet Gynecol*. 2019 Apr 11
17. Shainker S, **Shamshirsaz A**, Haviland M, O'Brien K, Redhunt A, Bateni Z, Moaddab A, Fox K, Hui SK, Belfort M, Dildy G, Hacker M. Utilization and outcomes of massive transfusion protocols in women with and without invasive placentation. *J Maternal Fetal Neonatal Med*. 2019 Mar 1:1-5
18. **Shamshirsaz AA**, Stewart KA, Erfani H, Nassr AA, Sundgren NC, Mehollin-Ray AR, Morris SA, Espinoza J, Sanz Cortes M, Cassidy C, Lee TC, Castro EC, Olutoye OA, Mehta DK, Cass D, Olutoye OO, Belfort MA. Cervical lymphatic malformations: Prenatal characteristics and ex-utero intrapartum treatment. *Prenat Diagn*. 2019 Mar; 39(4):287-292.

19. Sanz Cortes M, Davila I, Torres P, Yepez M, Lee W, Guimaraes CV, Sangi-Haghpeykar H, Whitehead W, Castillo J, Nassr AA, Espinoza J, **Shamshirsaz AA**, Belfort M. Does fetoscopic or open repair for spina bifida affect fetal and postnatal growth? *Ultrasound Obstet Gynecol.* 2019 Mar;53(3):314-323
20. Zarutskie A, Guimaraes C, Yepez M, Torres P, Shetty A, Sangi-Haghpeykar H, Lee W, Espinoza J, **Shamshirsaz AA**, Nassr A, Belfort M, Whitehead W, Sanz Cortes M. Prenatal brain imaging for predicting postnatal hydrocephalus treatment in fetuses that had neural tube defect repair. *Ultrasound Obstet Gynecol.* 2019 Mar; 53(3):324-334.
21. Sanz Cortes M, Castro E, Sharhan D, Torres P, Yepez M, Espinoza J, **Shamshirsaz AA**, Nassr AA, Popek E, Whitehead W, Belfort MA. Amniotic membrane and placental histopathological findings after open and fetoscopic prenatal neural tube defect repair. *Prenat Diagn.* 2019 Mar;39(4):269-279
22. Kassir E, Belfort MA, **Shamshirsaz AA**, Sanz-Cortez M, Whitehead WE, Espinoza J. Doppler changes in the umbilical artery and ductus venosus during fetoscopic prenatal surgical repair of myelomeningocele. *Ultrasound Obstet Gynecol.* 2019 Mar; 53(3):335-339.
23. Belfort MA, Morris SA, Espinoza J, **Shamshirsaz AA**, Sanz Cortez M, Justino H, Ayres NA, Qureshi AM. Thulium laser assisted atrial septal stent placement: first use in fetal hypoplastic left heart syndrome (HLHS) and intact atrial septum. *Ultrasound Obstet Gynecol.* 2019 Mar;53(3):417-418
24. **Shamshirsaz AA**, Nassr AA, Erfani H, Olutoye OO, Espinazo O, Olutoye OA, Belfort AA. Fetoscopic laryngo-tracheoscopy: a novel diagnostic modality to avoid unnecessary ex-utero intrapartum treatment (EXIT) in cases with suspected fetal airway compromise. *Ultrasound Obstet Gynecol.* 2019 Mar; 53(3):421-423.
25. Erfani H, Kassir E, Fox KA, Clark SL, Karbasian N, Salmanian B, Shamshirsaz AA, Espinoza J, Nassr AA, Eppes CS, Belfort MA, **Shamshirsaz AA**. Placenta previa without morbidly adherent placenta: comparison of characteristics and outcomes between planned and emergent deliveries in a tertiary center. *J Matern Fetal Neonatal Med.* 2019 Mar; 32(6):906-909.
26. Buffie A, Belfort MA, **Shamshirsaz AA**, Justino H, Qureshi A, Ayres N, Morris S, Espinoza J. Two- and four-dimensional Ultrasonography of an Interatrial Stent in a Fetus with Hypoplastic Left Heart Syndrome. *Journal of Ultrasound in Medicine.* 2019 Feb;38(2):549-551
27. Tolcher MC, Shazly SA, **Shamshirsaz AA**, Whitehead WE, Espinoza J, Vidaeff AC, Belfort MA, Nassr AA. Neurological outcomes by mode of delivery for fetuses with open neural tube defects: a systematic review and meta-analysis. *BJOG.* 2019 Feb; 126(3):322-327.
28. Style CC, Olutoye OO, Belfort MA, Ayres NA, Cruz SM, Lau PE, **Shamshirsaz AA**, Lee TC, Olutoye OA, Fernandes CJ, Sanz-Cortez M, Keswani SG, Espinoza J. Fetal



endoscopic tracheal occlusion reduces pulmonary hypertension in severe congenital diaphragmatic hernia. *Ultrasound Obstet Gynecol.* 2019 Jan 14.

29. **Shamshirsaz AA**, Sellner AA, Erfani H, Aagaard KM, Nassr AA, Pereira S, Belfort MA, McCullough, Chervenak FA. An Ethical Framework for Research in Maternal–Fetal Intervention in the Presence of Maternal Human Immunodeficiency Virus or Hepatitis B and C Infection. *Obstet Gynecol.* 2019 Jan; 133(1):48-52.
30. **Shamshirsaz AA**, Fox KA, Erfani H, Belfort MA. The role of centers of excellence with multidisciplinary teams in the management of Abnormal Invasive Placenta. *Clinical Obstet Gynecol.* 2018 Dec; 61(4):841-850.
31. Nassr AA, **Shamshirsaz AA**, Sanz Cortes M, Gibbons WE, Belfort MA, Espinoza J. Unusual course of hyperreactio luteinalis in twin pregnancy complicated by twin to twin transfusion syndrome. *Ultrasound Obstet Gynecol.* 2018 Nov; 52(5):677-678.
32. Erfani H, Nassr AA, Espinoza J, Lee TC, **Shamshirsaz AA**. A novel approach to ex-utero intrapartum treatment (EXIT) in a case with complete anterior placenta. *Eur J Obstet Gynecol Reprod Biol.* 2018 Sep; 228:335-336.
33. Gandhi M, Hosseinzadeh P, Salmanian B, Moaddab A, Gollabbakhsh H, Clark SL, **Shamshirsaz AA**. Dietary consultation impact on weight gain in twin pregnancies. *The Journal of Reproductive Medicine.* 2018 Aug. 63(4): 347-351.
34. **Shamshirsaz AA**, Fox KA, Erfani H, Belfort MA. In Reply. *Obstet Gynecol.* 2018 Jun; 131(6):1165.
35. **Shamshirsaz AA**, Bateni ZH, Sangi-Haghpeykar H, Arian SE, Erfani H, Shamshirsaz AA, Abuhamad A, Fox KA, Ramin SM, Moaddab A, Maskatia SA, Salmanian B, Lopez KN, Hosseinzadeh P, Schutt AK, Nassr AA, Espinoza J, Dildy GA, Belfort MA, Clark SL. Cyanotic congenital heart disease following fertility treatments in the United States from 2011-2014. *Heart.* 2018 Jun; 104(11):945-948.
36. Kohn JR, Rao V, Sellner AA, Sharhan D, Espinoza J, **Shamshirsaz AA**, Whitehead WE, Belfort MA, Sanz Cortes M. Management of Labor and Delivery After Fetoscopic Repair of an Open Neural Tube Defect. *Obstet Gynecol.* 2018 Jun; 131(6):1062-1068.
37. Mann DG, Nassr AA, Whitehead WE, Espinoza J, Belfort MA, **Shamshirsaz AA**. Fetal bradycardia caused by maternal hypothermia after fetoscopic repair of neural tube defect. *Ultrasound Obstet Gynecol.* 2018 Mar;51(3):411-412
38. **Shamshirsaz AA**, Fox KA, Erfani H; Clark SL; Shamshirsaz AA; Nassr AA; Sundgren NC, Jones JA, Anderson ML, Kassir E, Salmanian B; Buffie AW, Hui SK; Espinoza J, Tyer-Viola LA, Rac M, Karbasian N, Ballas J, Dildy GA, Belfort MA. Outcomes of planned compared with urgent deliveries using a multidisciplinary team approach for morbidly adherent placenta. *Obstet Gynecol.* 2018 Feb; 131(2):234-241.
39. Belfort MA, **Shamshirsaz AA**, Fox KA. The diagnosis and management of morbidly adherent placenta. *Semin Perinatol.* 2018 Feb; 42(1):49-58.

40. Nassr AA, Ness A, Hosseinzadeh P, Salmanian B, Espinoza J, Berger V, Werner E, Erfani H, Welty S, Bateni ZH, Shamshirsaz AA, Popek E, Ruano R, Davis AS, Lee TC, Keswani S, Cass DL, Olutoye OO, Belfort MA, **Shamshirsaz AA**. Outcome and treatment of antenatally diagnosed nonimmune hydrops fetalis. *Fetal Diagn Ther*. 2018; 43(2):123-128.
41. Nassr AA, Espinoza J, Ruano R, **Shamshirsaz AA**. Successful in-utero percutaneous fetoscopic release of a wrapped pleuro-amniotic shunt around fetal arm: case report and review of literature. *Fetal Diagn Ther*. 2018; 43(2):156-160.
42. Belfort MA, Whitehead W, **Shamshirsaz AA**. A low fidelity simulator for the standardized training of fetoscopic meningomyelocele repair. *Obstet Gynecol*. 2018 Jan; 131(1):125-129.
43. Kohn JR, **Shamshirsaz AA**, Popek E, Guan X, Belfort MA, Fox KA. Pregnancy after endometrial ablation or resection: a systematic review. *BJOG*. 2018 Jan; 125(1):43-53.
44. Moaddab A, McCullough LB, Chervenak FA, Stark L, Schulkin J, Dildy GA, Raine SP, **Shamshirsaz AA**. A survey of honor-related practices among US obstetricians and gynecologists. *Int J Gynaecol Obstet*. 2017 Nov; 139(2):164-169.
45. Moaddab A, Chervenak FA, McCullough LB, Sangi-Haghpeykar H, Shamshirsaz AA, Schutt A, Arian SE, Fox KA, Dildy GA, **Shamshirsaz AA**. Effect of advanced maternal age on maternal and neonatal outcomes in assisted reproductive technology pregnancies. *Eur J Obstet Gynecol Reprod Biol*. 2017 Jul 29; 216:178-183.
46. Moaddab A, Nassr AA, Belfort MA, **Shamshirsaz AA**. Ethical issues in fetal therapy. *Best Pract Res Clin Obstet Gynaecol*. 2017 Aug; 43:58-67. Review.
47. Nassr AA, Shazly SA, Morris SA, Ayres N, Espinoza J, Erfani H, Olutoye OA, Sexson SK, Olutoye OO, Fraser CD Jr, Belfort MA, **Shamshirsaz AA**. Prenatal management of fetal intrapericardial teratoma: a systematic review. *Prenat Diagn*. 2017 Sep; 37(9):849-863.
48. Belfort MA, **Shamshirsaz AA**, Fox KA. A technique to positively identify the vaginal fornices during complicated postpartum hysterectomy. *Am J Obstet Gynecol*. 2017 Aug; 217(2): 222.e1-222.e3.
49. Johnston RC, Erfani H, Shamshirsaz AA, Spiel M, Ravangard SF, Shaman M, Allaf MB, **Shamshirsaz AA**, Haeri S. Optimal weight gain in triplet pregnancies. *J Matern Fetal Neonatal Med*. 2017 Aug; 30(16):1912-1915.
50. **Shamshirsaz AA**, Fox KA, Erfani H, Clark SL, Salmanian B, Baker BW, Coburn M, Shamshirsaz AA, Bateni ZH, Espinoza J, Nassr AA, Popek EJ, Hui SK, Teruya J, Tung CS, Jones JA, Rac M, Dildy GA, Belfort MA. Multidisciplinary team learning in the management of the morbidly adherent placenta: outcome improvements over time. *Am J Obstet Gynecol*. 2017 Jun; 216(6): 612.e1-612.e5.
51. Blumenfeld YJ, Do S, Girsan AI, Davis AS, Hintz SR, Desai AK, Mansour T, Merritt TA, Oshiro BT, El-Sayed YY, **Shamshirsaz AA**, Lee HC. Utility of third trimester

- sonographic measurements for predicting SGA in cases of fetal gastroschisis. *J Perinatol*. 2017 May; 37(5):498-501.
52. Kailin JA, Dhillon GS, Maskatia SA, Cass DL, **Shamshirsaz AA**, Mehollin-Ray AR, Cassady CI, Ayres NA, Wang Y, Belfort MA, Olutoye OO, Ruano R. Fetal left-sided cardiac structural dimensions in left-sided congenital diaphragmatic hernia - association with severity and impact on postnatal outcomes. *Prenat Diagn*. 2017 May; 37(5):502-509.
  53. Belfort MA, Whitehead WE, **Shamshirsaz AA**, Bateni ZH, Olutoye OO, Olutoye OA, Mann DG, Espinoza J, Williams E, Lee TC, Keswani SG, Ayres N, Cassady CI, Mehollin-Ray AR, Sanz Cortes M, Carreras E, Peiro JL, Ruano R, Cass DL. Fetoscopic open neural tube defect repair: development and refinement of a two-port, carbon dioxide insufflation technique. *Obstet Gynecol*. 2017 Apr; 129(4):734-743.
  54. Nassr AA, **Shamshirsaz AA**, Belfort MA, Espinoza J. Spontaneous resolution of mirror syndrome following fetal interventions for fetal anemia as a consequence of twin to twin transfusion syndrome. *Eur J Obstet Gynecol Reprod Biol*. 2017 Jan; 208:110-111.
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## Conference Papers:

1. **Shamshirsaz AA**, Whitehead W.E, Espinosa J, Nassr A, Lee T.C, Olutoye O.O, Keswani S.G, Sans Cortes .M, Belfort M.A. Comparison of two fetoscopic open neural tube defect(NTD) techniques: single layer versus 3-layer closure, Oral Presentation at 38rd IFMSS Annual Meeting, Sills, Switzerland 22-26 October 2019
2. Donepudi R, Sans Cortes M, Nassr A, Espinosa J, Belfort M, **Shamshirsaz AA**. Carbon dioxide fetoscopic technique to enhance visualization in cases of placental laser ablation for Twin to Twin Transfusion Syndrome, Oral Presentation at 38rd IFMSS Annual Meeting, Sills, Switzerland 22-26 October 2019
3. Patino M, Trans B, Shittu T, Owens-Stuberfield M, Meador M, Cortes M, **Shamshirsaz AA**, Belfort M, hassanpour A, Aina T, Sutton C, Mann D, Olutoye O. Enhanced recovery after Surgery-Benefits for the Fetal Surgery Patient, , Oral Presentation at 38rd IFMSS Annual Meeting, Sills, Switzerland 22-26 October 2019
4. **Shamshirsaz AA**, Erfani H, Aalipour S, Shah SC, Nassr AA, Stewart KA, Rezaei A, Sanz Cortes M, Espinoza J, Belfort MA. primary fetal pleural effusion:Characteristics, Outcomes and the role of intervention, Oral Presentation at 38rd IFMSS Annual Meeting, Sills, Switzerland 22-26 October 2019
5. **Shamshirsaz AA**, Sellner AA, Erfani H, Aagaard KM, Nassr AA, Pereira S, Belfort MA, McCullough LB, Chervenak FA. An ethical framework for research on maternal-fetal intervention in the Presence of Maternal Human Immunodeficiency Virus or hepatitis B and C infection, Oral Presentation at 38rd IFMSS Annual Meeting, Sills, Switzerland 22-26 October 2019
6. **Shamshirsaz AA**, Erfani H, Aalipour S, Shah SC, Nassr AA, Stewart KA, Rezaei A, Sanz Cortes M, Espinoza J, Belfort MA. Thulium laser-assisted atrial septal stent placement: first use in fetal hypoplastic left heart syndrome and intact atrial septum, Oral Presentation at 38rd IFMSS Annual Meeting, Sills, Switzerland 22-26 October 2019
7. **Shamshirsaz AA**, Aalipour S, Erfani H, Nassr AA, Stewart KA, Kravitz ES, Rezaei A, Sanz Cortes M, Espinoza J, Belfort MA. Obstetric outcomes of ex-utero intrapartum treatment (EXIT), , Oral Presentation at 38rd IFMSS Annual Meeting, Sills, Switzerland 22-26 October 2019
8. **Shamshirsaz AA**, Sellner AA, Erfani H, Aagaard KM, Nassr AA, Pereira S, Belfort MA, McCullough LB, Chervenak FA. An ethical framework for research on maternal-fetal intervention in multiple gestation, Poster presentation at 23rd International Conference on Prenatal Diagnosis and Therapy(ISPD), Singapore 7-11 September 2019.
9. Nassr AA, **Shamshirsaz AA**, Erfani H, Espinoza J, Sanz Cortes M, Koh CJ, Roth DR, Angelo JR, Mandy GT, Braun MC, Ruano R, Belfort MA. Outcomes of fetuses with lower urinary tract obstruction and normal amniotic fluid: A single center experience,

Oral presentation at 23rd International Conference on Prenatal Diagnosis and Therapy (ISPD), Singapore 7-11 September 2019.

10. Nassr AA, **Shamshirsaz AA**, Erfani H, Espinoza J, Sanz Cortes M, Koh CJ, Roth DR, Angelo JR, Mandy GT, Braun MC, Ruano R, Belfort MA. Prenatal intervention in severe congenital LUTO: Novel scoring system for determining candidates, Oral presentation at 23rd International Conference on Prenatal Diagnosis and Therapy (ISPD), Singapore 7-11 September 2019.
11. **Shamshirsaz AA**, Stewart KA, Erfani H, Nassr AA, Sundgren NC, Mehollin-Ray AR, Morris SA, Espinoza J, Sanz Cortes M, Cassady C, Lee TC, Castro EC, Olutoye OA, Mehta DK, Cass D, Olutoye OO, Belfort MA. Prenatal imaging characteristics and outcomes of ex-utero intrapartum treatment in cervical lymphatic malformations. Oral presentation at 23rd International Conference on Prenatal Diagnosis and Therapy (ISPD), Singapore 7-11 September 2019.
12. **Shamshirsaz AA**, Aalipour S, Erfani H, Nassr AA, Stewart KA, Kravitz ES, Rezaei A, Sanz Cortes M, Espinoza J, Belfort MA. How is the Obstetrics outcomes in ex-utero intrapartum treatment procedure? Poster presentation at 23rd International Conference on Prenatal Diagnosis and Therapy (ISPD), Singapore 7-11 September 2019.
13. **Shamshirsaz AA**, Erfani H, Aalipour S, Shah SC, Nassr AA, Stewart KA, Rezaei A, Sanz Cortes M, Espinoza J, Belfort MA. Characteristics, Outcomes and the role of intervention in primary fetal pleural effusion. Poster presentation at 23rd International Conference on Prenatal Diagnosis and Therapy (ISPD), Singapore 7-11 September 2019
14. Diaz-rodriguez G, Erfani H, Gandhi M, Mendez-Figueroa H, Aagaard K, **Shamshirsaz AA**. Amnioreduction in cases of polyhydramnios: indications and outcomes in singleton pregnancies. Poster presentation at Annual Meeting, The American College of Obstetricians and Gynecologists (ACOG), Nashville, TN, May 3-6, 2019.
15. **Shamshirsaz AA**, Carusi D, Einerson B, Fox K, Judith Lyell D, Erfani H, shamshirsaz AA, Silver R. Characteristics and Outcomes of Abnormally Invasive Placenta in Twins versus Singletons: AIP Consortium Study. Poster presentation at 66th Annual Meeting, Society for Reproductive Investigation (SRI), Paris, France, March 12-16, 2019.
16. Erfani H, Shamshirsaz AA, Ananth C, Vintzileos A, Clark S, Belfort M, **Shamshirsaz AA**. Association of changes in gestational age and twin prenatal mortality in the United States, 2000-2015. Poster presentation at 66th Annual Meeting, Society for Reproductive Investigation (SRI), Paris, France, March 12-16, 2019.
17. Erfani H, Fox KA, Shah S, Stewart K, Sheu J, Kravitz E, Shamshirsaz AA, Hui SK, Nassr AA, Salmanian B, Tung CS, Lake YN, Clark SL, Teruya J, Belfort MA, **Shamshirsaz AA**. Unexpected Placenta Accreta Spectrum (PAS): Improved outcomes with Multidisciplinary Team Care. Poster presentation at 39th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, February 11-16, 2019.

18. Erfani H, Mendez-Figueroa H, Aagaard KM, **Shamshirsaz AA**. It's Time for Maternal-Fetal Medicine Researchers to Tweet. Poster presentation at 39th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, February 11-16, 2019.
19. Erfani H, Rahmati M, Mansournia MA, Azizi F, Montazeri SA, **Shamshirsaz AA**, Tehrani FR. Age-specific anti-mullerian hormone (AMH) and preeclampsia: a 15-year cohort study. Poster presentation at 39th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, February 11-16, 2019.
20. Kravitz E, Erfani H, Jang A, Stewart K, Shah S, Nassr AA, Espinoza J, Sanz- Cortes M, Belfort MA, **Shamshirsaz AA**. Obstetric Outcomes of Ex-Utero Intrapartum Treatment (EXIT) for Fetal Neck Mass. Poster presentation at 39th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, February 11-16, 2019.
21. Stewart K, Erfani H, Shah SC, Jang A, Kravitz E, Nassr AA, Espinoza J, Lee T, Olutoye O, Sanz- Cortes M, Olutoye O, Belfort MA, **Shamshirsaz AA**. Cervical Lymphatic Malformations: Prenatal Imaging Characteristics and Neonatal Outcomes of Ex-Utero Intrapartum Treatment. Poster presentation at 39th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, February 11-16, 2019.
22. Jang AY, Erfani E, Kravitz ES, Stewart KA, Shah SC, Nassr AA, Espinoza J, Lee TC, Olutoye OA, Sanz-Cortes M, Olutoye OO, Belfort MA, **Shamshirsaz AA**. Characteristics and Neonatal Outcomes of Ex Utero Intrapartum Treatment for Giant Head and Neck Teratomas. Poster presentation at 39th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, February 11-16, 2019.
23. Mendez-Figueroa H, Tolcher MC, **Shamshirsaz AA**, Pace R, Chu D, Aagaard KM. Increase in maternal and neonatal infections following Hurricane Harvey. Poster presentation at 39th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, February 11-16, 2019.
24. Mendez-Figueroa H, Tolcher MC, **Shamshirsaz AA**, Pace R, Chu D, Aagaard KM. Effect of Hurricane Harvey on Perinatal Outcomes. Poster presentation at 39th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, February 11-16, 2019.
25. Mendez-Figueroa H, Tolcher MC, Shamshirsaz AA, Pace R, Chu D, Aagaard KM. Impact of severe stress after a major natural disaster on perinatal outcomes. Oral presentation at 39th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, February 11-16, 2019.
26. Espinoza J, Zamudio G, Sanz-Cortes M, **Shamshirsaz AA**, Nassr AA, Espinoza A, Erfani H, Belfort MA. Differences in Impedance to Blood Flow in the Umbilical Arteries Determine Infant Survival in TTTS. Poster presentation at 39th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, February 11-16, 2019.

27. Espinoza J, Hudson K, Shamshirsaz AA, Nassr AA, Sanz-Cortes M, Whitehead W, Yepez M, **Erfani H**, Belfort MA. Magnesium Sulfate Titration Reduces Maternal Complications Following Fetal Repair of Spina Bifida. Poster presentation at 39th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, February 11-16, 2019.
28. Pallapati J, Pan E, Yepez M, Espinoza J, Nassr AA, **Shamshirsaz AA**, Olutoye O, Whitehead W, Belfort MA, Sanz-Cortes M. Chorioamniotic separation after prenatal myelomeningocele repair. Poster presentation at 39th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, February 11-16, 2019.
29. Sanz-Cortes M, Yepez M, Torres P, Andrucioli A, Pyarali M, Espinoza J, **Shamshirsaz AA**, Nassr AA, Whitehead W, Olutoye O, Castillo J, Castillo H, Ostermaier K, Belfort MA. Prenatal open hysterotomy vs. two-port exteriorized uterus fetoscopic myelomeningocele repair. Neurosurgical outcomes from a single center. Poster presentation at 39th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, February 11-16, 2019.
30. Sanz-Cortes M, Yepez M, Pyarali M, VanLoh S, Pan E, Pallapati J, Espinoza J, **Shamshirsaz AA**, Nassr AA, Whitehead W, Olutoye O, Belfort MA. Prenatal open hysterotomy vs. two-port exteriorized uterus fetoscopic myelomeningocele repair. Perinatal outcomes from a single center. Oral presentation at 39th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, February 11-16, 2019.
31. Nassr AA, Erfani H, Espinoza J, Sanz-Cortes M, Koh C, Braun M, Belfort MA, **Shamshirsaz AA**. Novel scoring system for determining fetal candidates for prenatal intervention in severe congenital LUTO. Poster presentation at 39th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, February 11-16, 2019.
32. **Shamshirsaz AA**, Lee TC, Hair AB, Erfani H, Espinoza J, Shamshirsaz AA, Fox KA, Gandhi M, Nassr AA, Abrams SA, Olutoye OO, Belfort MA. Early delivery in fetal gastroschisis: a randomized controlled trial of elective 34 week delivery versus routine obstetrical care. Oral presentation at 37<sup>th</sup> Annual Meeting for International Fetal Medicine and Surgery Society (IFMSS), August 7-12, 2018.
33. **Shamshirsaz AA**, Lee TC, Hair AB, Erfani H, Espinoza J, Shamshirsaz AA, Fox KA, Gandhi M, Nassr AA, Abrams SA, Olutoye OO, Belfort MA. Early delivery in fetal gastroschisis: a randomized controlled trial of elective 34 week delivery versus routine obstetrical care. Oral presentation at 22<sup>nd</sup> International Conference on Prenatal Diagnosis and Therapy, Antwerp, Belgium, July 8-11, 2018.
34. Arian S, Erfani H, Harbison A, **Shamshirsaz AA**, Van den Veyver IB. Accessibility of conflict of interest disclosures for professional medical societies of relevance to the practice of prenatal diagnosis. Oral presentation at 22<sup>nd</sup> International Conference on Prenatal Diagnosis and Therapy, Antwerp, Belgium, July 8-11, 2018.

35. Erfani H, Fox KA, Shamshirsaz AA, Hui SK, **Shamshirsaz AA**, Belfort MA. Predictive factors for the development of severe hypocalcaemia during surgery for morbidly adherent placenta (MAP). Poster presentation at 66th Annual and Scientific Meeting of the American College of Obstetricians and Gynecologists (ACOG), Austin, TX, April 27-30, 2018.
36. Nassr AA, Espinoza J, Braun MC, Mandy GT, Koh C, Belfort MA, **Shamshirsaz AA**. Outcome of Fetuses with Lately Diagnosed Severe Lower Urinary Tract Obstruction: A Single Center Experience. Oral Presentation at 2018 Annual Meeting of the American Institute of Ultrasound in Medicine (AIUM), New York, NY, March 24-28, 2018.
37. **Shamshirsaz AA**, Lee TC, Hair AB, Erfani H, Espinoza J, Shamshirsaz AA, Fox KA, Gandhi M, Nassr AA, Abrams SA, Olutoye OO, Belfort MA. Early delivery in fetal gastroschisis: a randomized controlled trial of elective 34 week delivery versus routine obstetrical care. Oral presentation at 38th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Dallas, TX, January 29 – February 3, 2018.
38. Fox KA, Buffie AW, Erfani H, Rac M, Baker BW, Sundgren NC, Belfort MA, **Shamshirsaz AA**. General endotracheal anesthesia used at the time of delivery for morbidly adherent placenta is associated with increased need for neonatal resuscitation and short-term respiratory morbidity. Poster presentation at 38th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Dallas, TX, January 29 – February 3, 2018.
39. Kassir E, Belfort MA, **Shamshirsaz AA**, Sanz-Cortes M, Whitehead WE, Espinoza J. Doppler findings in the umbilical artery and ductus venosus during fetal repair of myelomeningocele. Poster presentation at 38th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Dallas, TX, January 29 – February 3, 2018.
40. Erfani H, Shamshirsaz AA, Ananth CV, Vintzileos AM, Clark SL, Belfort MA, **Shamshirsaz AA**. Trends in perinatal mortality and racial/ethnic disparity among twins in the United States, 2000-2013. Poster presentation at 38th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Dallas, TX, January 29 – February 3, 2018.
41. Sanz-Cortes M, Torres P, Sharhan D, Yopez M, Espinoza J, **Shamshirsaz AA**, Whitehead W, Ostermaier K, Buysse C, Blumenfeld Y, Castillo H, Castillo J, Belfort MA. Neurodevelopmental assessment in patients who underwent prenatal fetoscopic and open fetal neural tube defect repair. Poster presentation at 38th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Dallas, TX, January 29 – February 3, 2018.
42. Espinoza A, Lee W, **Shamshirsaz AA**, Belfort MA, Espinoza J. Fetal tachycardia is an independent risk factor for chromosomal anomalies during first trimester genetic screening. Poster presentation at 38th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Dallas, TX, January 29 – February 3, 2018.
43. Style CC, Olutoye OO, Belfort MA, Cruz SM, Lau PE, **Shamshiraz AA**, Lee TC, Olutoye OA, Fernandes CJ, Sanz-Cortes M, Keswani SG, Espinoza J. Fetal endoscopic tracheal occlusion (FETO) reduces pulmonary hypertension in severe congenital



- diaphragmatic hernia (CDH). Oral presentation at 38th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Dallas, TX, January 29 – February 3, 2018.
44. Erfani H, Davidson C, Gandhi M, Shamshirsaz AA, Espinoza J, Fox KA, Clark SL, Belfort MA, **Shamshirsaz AA**. TOLAC success in twin pregnancies in the United States (2013-2015). Poster presentation at 38th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Dallas, TX, January 29 – February 3, 2018.
  45. Salmanian B, Erfani H, Fox KA, Clark SL, Rac M, Shamshirsaz AA, Nassr AA, Karbasian N, Teruya J, Hui SK, Espinoza J, Belfort MA, **Shamshirsaz AA**. Predictive factors for coagulopathy in the management of morbidly adherent placenta. Poster presentation at 38th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Dallas, TX, January 29 – February 3, 2018.
  46. Sanz-Cortes M, Torres P, Yopez M, Sharhan D, **Shamshirsaz AA**, Espinoza J, Castillo JP, Castillo H, Ostermaier K, Whitehead W, Belfort MA. Postnatal follow up of infants who underwent prenatal fetoscopic and open neural tube defect repair. Oral presentation at 38th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Dallas, TX, January 29 – February 3, 2018.
  47. Rac MW, Ballas J, Salmanian B, Fox KA, **Shamshirsaz AA**, Lee W, Cassady C, Melhollin-Ray A, Belfort MA. Ultrasound findings of atypical morbidly adherent placenta. Poster presentation at 38th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Dallas, TX, January 29 – February 3, 2018.
  48. Sanz-Cortes M, Shetty A, Yopez MC, Davila I, Zarutskie A, Guimaraes C, Sharhan D, Torres P, Espinoza J, **Shamshirsaz AA**, Lee W, Whitehead W, Belfort MA. Brain volumetric assessment by magnetic resonance imaging in fetuses that underwent a prenatal neural tube defect repair using a fetoscopic or open approach. Poster presentation at 38th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Dallas, TX, January 29 – February 3, 2018.
  49. Burgess AP, Seferovic M, Park CS, **Shamshirsaz AA**, Belfort B, Sharhan D, Lacorazza D, Belfort MA, Aagaard KM. Characterization of fetal neuroprogenitor cells derived from cerebrospinal fluid at time of myelomeningocele repair. Poster presentation at 38th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Dallas, TX, January 29 – February 3, 2018.
  50. Moaddab A, McCullough LB, Chervenak FA, **Shamshirsaz AA**. A survey of Obstetricians and Gynecologists responses to honor-related practices: Time to open Pandora's Box. Oral presentation. Iranian American Medical Association (IAMA) 24th Annual meeting from May 26-29, 2017, San Diego, CA.
  51. Bateni ZH, Erfani H, Belfort MA, **Shamshirsaz AA**. Comparison of characteristics and outcomes of morbidly adherent placenta in twin versus singleton pregnancies. Poster presentation at 65th Annual and Scientific Meeting of the American College of Obstetricians and Gynecologists (ACOG), San Diego, CA, May 6-9, 2017.

52. **Shamshirsaz AA**, Moaddab A, Schulkin J, Stark L, Raine S, McCullough L. A survey of Obstetricians and Gynecologists responses to practices that violate female's reproductive rights. Poster presentation at 65th Annual and Scientific Meeting of the American College of Obstetricians and Gynecologists (ACOG), San Diego, CA, May 6-9, 2017.
53. Dunn T, Nassr A, Moaddab A, Eppes C, **Shamshirsaz AA**. Vasa Previa: Maternal and early neonatal outcomes in the new era of obstetrical care. Poster presentation at 65th Annual and Scientific Meeting of the American College of Obstetricians and Gynecologists (ACOG), San Diego, CA, May 6-9, 2017.
54. Nassr AA, Fox KA, Erfani H, Bateni ZH, Shamshirsaz AA, Salmanian B, Kassir E, Moaddab A, Ballas J, Rac M, Espinoza J, Diaz-Arrastia C, Baker III BW, Cassady C, Hui SR, Teruya J, Bandi V, Coburn M, Lee W, Popek E, Clark SL, Dildy GA, Belfort MA, **Shamshirsaz AA**. Prediction of unscheduled delivery in patients with morbidly adherent placenta: a cohort study. Oral presentation at AIUM 2017, Orlando, FL, March 25-29, 2017
55. Nassr AA, Whitehead W, Erfani H, Espinoza J, Ruano R, Cortes MS, Ayres N, Olutoye OO, Cass D, Keswani SG, Lee T, Cassady C, Mehollin-Ray A, Bateni ZH, Welty S, Belfort MA, **Shamshirsaz AA**. Effects of indomethacin therapy for short course tocolysis in the perioperative period on fetuses undergoing neural tube defect repair. A single center experience. Oral presentation at AIUM 2017, Orlando, FL, March 25-29, 2017
56. Shamshirsaz AA, Moaddab A, Sangi-Haghpeykar H, Arian SE, Ramin S, Bateni ZH, Erfani H, Fox KA, Clark SL, Belfort MA, Dildy GA, McCullough L, Chervenak F, **Shamshirsaz AA**. Effect of very advanced maternal age on early neonatal outcomes after assisted reproductive technology. Poster presentation at 64th Annual Scientific Meeting, Society for Reproductive Investigation (SRI), Orlando, FL, March 15-18, 2017.
57. Shamshirsaz AA, Moaddab A, **Shamshirsaz AA**, Davidson C, Dildy GA, Belfort MA, Clark SL. Ten-year trend in hypertensive disorders in pregnancy in the United States. Poster presentation at 64th Annual Scientific Meeting, Society for Reproductive Investigation (SRI), Orlando, FL, March 15-18, 2017
58. Shamshirsaz AA, Moaddab A, Sangi-Haghpeykar H, Arian SE, Erfani H, Bateni ZH, Ramin S, Fox KA, Chervenak F, McCullough L, Clark SL, Belfort MA, Dildy GA, **Shamshirsaz AA**. Effect of very advanced maternal age on maternal outcomes after assisted reproductive technology. Poster presentation at 64th Annual Scientific Meeting, Society for Reproductive Investigation (SRI), Orlando, FL, March 15-18, 2017.
59. Espinoza J, **Shamshirsaz AA**, Betancourt A, Fox KA, Belfort MA, Yallanpalli C. Placental growth factor (Plgf) blunts the vascular response to angiotensin II: a novel mechanism for vascular regulation during pregnancy. Oral presentation at 64th Annual Scientific Meeting, Society for Reproductive Investigation (SRI), Orlando, FL, March 15-18, 2017

60. Belfort MA, Whitehead W, **Shamshirsaz AA**, Olutoye O, Bateni ZH, Keswani SG, Ruano R, Lee T, Espinoza J, Olutoye OO, Darrell L. Cass. An innovative fetoscopic technique for watertight closure of large non-cystic meningocele or myeloschisis lesions without extensive surgical dissection or use of foreign patch materials. Poster presentation at 64th Annual Scientific Meeting, Society for Reproductive Investigation (SRI), Orlando, FL, March 15-18, 2017
61. Bateni ZH, Sangi-Haghpeykar H, Arian SE, Moaddab A, Fox KA, Shamshirsaz AA, Salmanian B, Erfani H, Espinoza J, Ramin SM, Dildy GA, Clark SL, Belfort MA, **Shamshirsaz AA**. Congenital anomalies among twins conceived by infertility treatment. Poster presentation at 37th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, January 23-28, 2017.
62. Hantoushzadeh S, Torabi S, Sheikh M, Fattahi Masrouf F, Bateni ZH, **Shamshirsaz AA**. Uterine artery doppler ultrasound predictor of adverse pregnancy outcomes. Poster presentation at 37th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, January 23-28, 2017.
63. Espinoza J, Betancourt A, Belfort MA, **Shamshirsaz AA**, Fox KA, Yallampalli C. Placental Growth Factor (PIGF): the answer to a 43-year-old enigma? Poster presentation at 37th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, January 23-28, 2017
64. Kassir E, Fox KA, Erfani H, Bateni ZH, Shamshirsaz AA, Eppes C, Salmanian B, Moaddab A, Podany EL, Dunn TN, Espinoza J, Clark SL, Dildy GA, Belfort MA, **Shamshirsaz AA**. Placenta previa without morbidly adherent placentation: comparison of characteristics and outcomes between scheduled and unscheduled (emergency) deliveries in a tertiary center. Poster presentation at 37th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, January 23-28, 2017
65. Podany EL, Fox KA, Erfani H, Bateni ZH, Shamshirsaz AA, Eppes C, Salmanian B, Moaddab A, Kassir E, Dunn TN, Espinoza J, Clark SL, Dildy GA, Belfort MA, **Shamshirsaz AA**. Characteristics and outcomes of pregnancies with antenatal diagnosis of placenta previa without suspected morbidly adherent placentation in a tertiary center. Poster presentation at 37th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, January 23-28, 2017
66. Belfort MA, Bateni ZH, Haydel DM, Larson M, Wadia Y, **Shamshirsaz AA**, Whitehead W. Evaluation of the effects of laser tissue welding on the spinal cord and skin in a 30-day study of simulated spina bifida repair in rabbits. Oral presentation at 37th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, January 23-28, 2017
67. Salmanian B, Fox KA, Erfani H, Bateni ZH, Shamshirsaz AA, Dildy GA, Kassir E, Moaddab A, Dunn TN, Podany EL, Ballas J, Rac M, Espinoza J, Diaz-Arrastia C, Baker III BW, Cassady C, Hui SR, Teruya J, Bandi V, Coburn M, Lee W, Popek EJ, Clark SL, Belfort MA, **Shamshirsaz AA**. Posterior placentation in morbidly adherent placenta: a

nested case-control study of characteristics and outcomes. Poster presentation at 37th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, January 23-28, 2017

68. Erfani H, Fox KA, Bateni ZH, Shamshirsaz AA, Salmanian B, Dildy GA, Kassir E, Moaddab A, Dunn TN, Podany EL, Ballas J, Rac M, Espinoza J, Diaz-Arrastia C, Baker III BW, Cassidy C, Hui SR, Teruya J, Bandi V, Coburn M, Lee W, Popek EJ, Clark SL, Belfort MA, **Shamshirsaz AA** Morbidly adherent placenta - comparison of characteristics and outcomes between scheduled and unscheduled deliveries managed within a single, multidisciplinary team-based referral center. Poster presentation at 37th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, January 23-28, 2017
69. Erfani H, Fox KA, Bateni ZH, Shamshirsaz AA, Salmanian B, Dildy GA, Kassir E, Moaddab A, Dunn TN, Podany EL, Ballas J, Rac M, Espinoza J, Diaz-Arrastia C, Baker III BW, Cassidy C, Hui SR, Teruya J, Bandi V, Coburn M, Lee W, Popek EJ, Clark SL, Belfort MA, **Shamshirsaz AA** Multidisciplinary team learning in management of morbidly adherent placenta - outcome improvements over time. Poster presentation at 37th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, January 23-28, 2017
70. Belfort MA, Whitehead WE, **Shamshirsaz AA**, Keswani SG, Ruano R, Espinoza J, Cass DL, Lee T, Olutoye OO, Bateni ZH, Bendov A. The use of a low fidelity fetal surgery simulator decreases the learning curve required for fetoscopic spina bifida surgery and allows rapid integration of new techniques and equipment. Poster presentation at 37th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, January 23-28, 2017
71. Ruano R, Olutoye OO, Cass DL, Sangi-Haghpeykar H, Olutoye OA, Cassidy CI, Mehollin-Ray AR, **Shamshiraz AA**, Cruz SM, Lee TC, Mann DG, Espinoza JE, Welty SE, Fernandes CJ, Belfort MA. Predicting outcome after tracheal occlusion using longitudinal lung-to-head ratio measurements. Poster presentation at 37th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Las Vegas, NV, January 23-28, 2017
72. **Shamshirsaz AA**. Does fetal intervention improve perinatal outcomes in fetuses with non-immune hydrops fetalis with unknown etiology? 35th Annual Meeting of the International Fetal Medicine and Surgery Society (IFMSS) 2016 Conference, Kasane, Botswana, August 2-7, 2016. Oral presentation
73. **Shamshirsaz AA**. Fetal surgery team formation and experience in Iran. 35th Annual Meeting of the International Fetal Medicine and Surgery Society (IFMSS) 2016 Conference, Kasane, Botswana, August 2-7, 2016. Oral presentation
74. Moaddab A, McCullough LB, Chervenak FA, Dildy GA, **Shamshirsaz AA**. Virginity testing in professional obstetric and gynecological ethics. Iranian American Medical

Association (IAMA) 23rd Annual meeting from May 27-May 30, 2016 at the Sheraton in Boston, MA. Oral presentation

75. Bateni ZH, Arian S, Shamshirsaz AA, Hosseizadeh P, **Shamshirsaz AA**. Congenital anomalies in infants conceived by infertility treatment. Oral Presentation at 63<sup>rd</sup> Annual Scientific Meeting, Society for Reproductive Investigation (SRI), Montreal, Canada, March 16-19, 2016.
76. Bateni ZH, Clark S, Vidaeff A, Moaddab A, Dildy G, Salmanian B, Hosseinzadeh P, Ramin S, Fox K, Lee W, Lee H, Espinoza J, Sangi-Haghpeykar H, Racusin D, Shamshirsaz A, Blumenfield Y, Aagaard K, Belfort M, **Shamshirsaz AA**. Trends in the route of delivery of twin pregnancies in the United States, 2006-2013. Poster Presentation at 63<sup>rd</sup> Annual Scientific Meeting, Society for Reproductive Investigation (SRI), Montreal, Canada, March 16-19, 2016.
77. Shamshirsaz A, Bateni ZH, Clark S, Sangi-Haghpeykar H, Vidaeff A, Moaddab A, Salmanian B, Hosseinzadeh P, Racusin D, Espinoza J, Lee W, Fox K, Ramin S, Dildy G, Aagaard K, Belfort M, **Shamshirsaz AA**. Route of delivery and neonatal outcomes in vertex presenting first and second twins in the United States, 2011 to 2013. Poster Presentation at 63<sup>rd</sup> Annual Scientific Meeting, Society for Reproductive Investigation (SRI), Montreal, Canada, March 16-19, 2016.
78. Belfort M, Whitehead WE, **Shamshirsaz AA**, Keswani SG, Ruano R, Espinoza J, Olutoye OA, Mann D, Williams E, Cass DL, Lee T, Olutoye OO, Carreras E, Welty S, Ayres N, Bateni ZH, Cassady C, Mehollin-Ray A, Cunningham T, Peiro JL. The exteriorized, CO<sub>2</sub>-filled human uterus: A new surgical space for fetal surgery? Oral Presentation at 36th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Atlanta, GA, February 1-6, 2016.
79. Belfort M, Olutoye OO, Cass DL, Olutoye OA, **Shamshirsaz AA**, Lee TC, Moaddab A, Mann DG, Espinoza J, Welty SE, Cruz SM, Ruano R. Fetal endoscopic tracheal occlusion for severe isolated left-sided congenital diaphragmatic hernia: a USA tertiary care center experience. Oral presentation at 36th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Atlanta, GA, February 1-6, 2016.
80. Salmanian B, Bateni ZH, Clark SL, Vidaeff AC, Moaddab A, Hosseinzadeh P, Sangi-haghpeykar H, Racusin DA, Fox KA, Espinoza J, Lee W, Shamshirsaz AA, Ramin SM, Aagaard KM, Belfort M, **Shamshirsaz AA**. Trends in cesarean delivery among twins in different gestational age groups and risk factors, in the United States; 2006 -2013. Poster presentation at 36th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Atlanta, GA, February 1-6, 2016.
81. Bateni ZH, Clark SL, Vidaeff AC, Moaddab A, Salmanian B, Dildy G, Hosseinzadeh P, Fox KA, Ramin SM, Espinoza J, Shamshirsaz AA, Lee W, Aagaard KM, Belfort M, **Shamshirsaz AA**. Trends of perinatal mortality among twins in the United States, 2003 – 2013. Poster presentation at 36th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Atlanta, GA, February 1-6, 2016.

82. Espinoza J, Belfort MA, Vidaeff A, Dildy GA, Ramin SM, Fox KA, **Shamshirsaz AA**, Ruano R, Ballas J, Strehlow SL, Racusin DA, Shamshirsaz AH, Aagaard KM. Nulliparity increases by 80% the risk for respiratory distress syndrome (RDS) in term neonates. Poster presentation at 36th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Atlanta, GA, February 1-6, 2016.
83. Maskatia SA, **Shamshirsaz AA**, Altman A, Ayres NA, Bateni ZH, Cassidy C, Espinoza J, Hosseinzadeh P, Mehollin-ray A, Olutoye OO, Ruano R, Welty S, Whitehead WE, Belfort M. Short term effects of fetoscopic vs open in-utero repair of myelomeningocele on fetal cardiovascular performance Poster presentation at 36th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Atlanta, GA, February 1-6, 2016.
84. Belfort M, Whitehead WE, **Shamshirsaz AA**, Keswani SG, Lee T, Olutoye OO, Cass D, Ruano R, Espinoza J, Olutoye T, Mann D, Williams E, Maskatia S, Cunningham T, Cassidy C, Mehollin A, Welty S. Initial results of a novel fetoscopic neural tube defect repair technique versus open fetal surgery. Poster presentation at 36th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Atlanta, GA, February 1-6, 2016.
85. Hosseinzadeh P, Espinoza J, Ness A, Berger V, Werner E, Salmanian B, Bateni ZH, Moaddab A, Sanz Cortes M, Olutoye O, Welty S, Ruano R, Belfort MA, **Shamshirsaz AA**. Does fetal intervention improve perinatal outcome in fetuses with non-immune hydrops fetalis with unknown etiology? Poster presentation at 36<sup>th</sup> Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), Atlanta, GA, February 1-6, 2016.
86. Hosseinzadeh P, Espinoza J, Ness A, Berger V, Werner E, Salmanian B, Bateni ZH, Belfort MA, **Shamshirsaz AA**. Perinatal mortality rate according to the location of fluid collection sites in non-immune hydrops fetalis. Poster presentation at 25<sup>th</sup> World Congress on Ultrasound in Obstetrics and Gynecology, Montreal, Canada, October 11-14, 2015.
87. Berger V, Werner E, Hosseinzadeh P, Ness A, Salmanian B, Bateni ZH, Belfort MA, Espinoza J, **Shamshirsaz AA**. Natural history and outcome of non-immune hydrops. Poster presentation at 25<sup>th</sup> World Congress on Ultrasound in Obstetrics and Gynecology, Montreal, Canada, October 11-14, 2015.
88. Ness A, Werner E, Berger V, Hosseinzadeh P, Bateni ZH, Salmanian B, Belfort MA, Espinoza J, **Shamshirsaz AA**. Postnatal survival according to gestational age at delivery in non-immune hydrops fetalis. Poster presentation at 25<sup>th</sup> World Congress on Ultrasound in Obstetrics and Gynecology, Montreal, Canada, October 11-14, 2015.
89. Fox K, Salmanian B, **Shamshirsaz AA**, Antony K, Ballas J, Hosseinzadeh P, Moaddab A, Lee W, Dildy G, Ramin S. Placental location impacts diagnostic accuracy in cases of morbidly adherent placenta. Poster presentation at 2015 AIUM Annual Convention, Orlando, FL, 21-25 March 2015.

90. **Shamshiraz AA**, Moaddab A, Salmanian B, Espinoza J, Hosseinzadeh P, Lee W, Belfort MA. Comparison of cervical lengths using magnetic resonance imaging with transabdominal and transvaginal ultrasound in pregnant women. Oral presentation at 2015 AIUM Annual Convention, Orlando, FL, 21-25 March 2015.
91. Gandhi M, Hosseinzadeh P, Salmanian B, Moaddab A, **Shamshirsaz AA**. The Effect of a dietician consult on weight gain in twin pregnancies. Poster presentation at 35th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), San Diego, CA, February 2-7, 2015.
92. Gandhi M, Salmanian B, Hosseinzadeh P, Moaddab A, **Shamshirsaz AA**. Weight gain adequacy in twin gestations with a dietician consult based on BMI. Poster presentation at 35th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), San Diego, CA, February 2-7, 2015.
93. Hosseinzadeh P, Salmanian B, Moaddab A, **Shamshirsaz AA**, Gandhi M. Weight gain according to 2009 Institute of Medicine (IOM) guidelines in twin pregnancies: maternal and neonatal outcomes. Poster presentation at 35th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), San Diego, CA, February 2-7, 2015.
94. Salmanian B, Anthony K, Shamshirsaz AA, Odibo A, Aagaard AA, **Shamshirsaz AA**. Gestational weight gain in twin pregnancies is not associated with discordance in birthweight or small for gestational age. Poster presentation at 35th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), San Diego, CA, February 2-7, 2015.
95. Salmanian B, Antony K, Fox K, Ballas J, Hosseinzadeh P, Wagner RD, Moaddab A, Van den Veyver I, Dildy G, Lee W, Aagaard K, Ramin S, Belfort MA, **Shamshirsaz AA**. In obstetrics, is surprise ever a good thing? Poster presentation at 35th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), San Diego, CA, February 2-7, 2015.
96. Fox K, **Shamshirsaz AA**, Salmanian B, Hosseinzadeh P, Wagner RD, Ballas J, Moaddab A, Aagaard K, Monga M. Is interpregnancy interval a predictor of severity of invasion in morbidly adherent placenta? Poster Presentation at 35th Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), San Diego, CA, February 2-7, 2015.
97. **Shamshirsaz AA**, Moaddab A, Mandy GT, Salmanian B, Ruano R, popek EJ, Belfort MA. Post-laser twin anemia polycythemia sequence: a single center experience. International Fetal Medicine and Surgery Society (IFMSS) Conference, Chatham, Massachusetts, USA, September 7-11, 2014. Oral Presentation
98. **Shamshirsaz AA**, Javadian P, Cass DL, Ruano R, Haeri S, Sangi-haghpeykar H, Lee TC, Salmanian B, Moaddab A, Olutoye OO, Belfort MA. Comparison between laparoscopically assisted and standard fetoscopic laser ablation in patients with anterior and posterior placentation in twin-twin transfusion syndrome: A single center study. International Fetal Medicine and Surgery Society (IFMSS) Conference, Chatham, Massachusetts, USA, September 7-11, 2014. Oral presentation

99. **Shamshirsaz AA**, Cass DL, Salmanian B, Hosseinzadeh P, Espinoza J, Ruano R, Lee W, Moaddab A, Olutoye OO, Belfort MA. Fetoscopic laser photocoagulation of vasa previa in a case of fetus with a giant neck mass. International Fetal Medicine and Surgery Society (IFMSS) Conference, Chatham, Massachusetts, USA, September 7-11, 2014. Oral presentation
100. **Shamshirsaz AA**, Javadian P, Hosseinzadeh P, Cass DL, Espinoza J, Salmanian B, Moaddab A, Ruano R, Gandhi M, Olutoye OO, Belfort MA. Laser coagulation of large placental chorioangioma: a single center experience. International Fetal Medicine and Surgery Society (IFMSS) Conference, Chatham, Massachusetts, USA, September 7-11, 2014. Oral presentation.
101. **Shamshirsaz AA**. Experimental and innovation fetal surgery and the future. Iranian American Medical Association (IAMA), 21st Annual Meeting, April 11-13, 2014. Oral presentation.
102. **Shamshirsaz AA**. Established fetal surgery and our experience in Iran. Iranian American Medical Association (IAMA), 21st Annual Meeting, April 11-13, 2014. Oral presentation.
103. Salmanian B, **Shamshirsaz AA**. Maternal Morbidity in Patients with Placenta Accreta Treated with and Without a Multidisciplinary Approach Iranian American Medical Association (IAMA), 21st Annual Meeting, April 11-13, 2014. Oral presentation.
104. Salmanian B, **Shamshirsaz AA**, Chen Q, Fox KA, Diaz-Arrastia CR, Javadian P, Van Veen TR, Martin SR, Belfort MA. Maternal morbidity in patients with placenta accreta treated with and without a multidisciplinary approach. 34<sup>th</sup> Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), New Orleans, LA, February 3-8, 2014. Poster presentation.
105. Chen Q, Salmanian B, **Shamshirsaz AA**, Diaz-Arrastia CR, Javadian P, Van Veen TR, Fox KA, Fruhman G, Morales Y, Martin SR, Belfort MA. Placenta Accreta managed by modified radical, total and sub-total hysterectomy: comparison of maternal complications. 34<sup>th</sup> Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), New Orleans, LA, February 3-8, 2014. Poster presentation
106. Javadian P, **Shamshirsaz AA**, Ruano R, Salmanian B, Haeri S, Belfrot MA. Comparison between laparoscopically- assisted and standard fetoscopic laser ablation in patients with anterior placentation and twin-twin transfusion syndrome (TTTS): A single center study. 34<sup>th</sup> Annual Meeting, Society for Maternal-Fetal Medicine (SMFM), New Orleans, LA, February 3-8, 2014. Poster presentation.
107. Maskatia SA, Ruano R, **Shamshirsaz AA**, Javadian P, Kailin JA, Belfort MA, Altman CA, Ayres NA. Increased estimated cardiac output and functional improvement in fetuses in response to laser therapy for twin-twin transfusion syndrome. American Heart Association (AHA) in Dallas Nov 16–20, 2013. Oral presentation.



108. Ruano R, Cass D, Javadian P, **Shamshirsaz AA**, Olutoye O, Belfort MA. Fetal laryngoscopy to evaluate fetal cords in a fetus with congenital high air way obstruction (CHAOS). 23<sup>rd</sup> World Congress of International Society for Ultrasound in Obstetrics and Gynecology (ISOUg) in Sydney, Australia in October 6-9, 2013. Oral presentation.
109. Javadian P, Ruano R, **Shamshirsaz AA**, Cass D, Zamora I, Lee T, Cassady C, Mehollin-Ray A, Welty S, Fernandes C, Ayres NA, Maskati SA, Kalin JA, Belfort MA, Olutoye O. Postnatal outcome in newborns with congenital diaphragmatic hernia associated with cardiac defects: a single center experience. 23<sup>rd</sup> World Congress of International Society for Ultrasound in Obstetrics and Gynecology (ISOUg) in Sydney, Australia in October 6-9, 2013. Oral presentation
110. Javadian P, **Shamshirsaz AA**, Cass D, Zamora I, Lee T, Cassady C, Ayres NA, Mehollin-Ray A, Fernandes C, Welty S, Kalin JA, Maskati SA, Olutoye O, Belfort MA, Ruano R. Prenatal ultrasound and magnetic resonance imaging findings in fetuses with heart defect associated with congenital diaphragmatic hernia. 23<sup>rd</sup> World Congress of International Society for Ultrasound in Obstetrics and Gynecology (ISOUg) in Sydney, Australia in October 6-9, 2013. Oral Presentation
111. **Shamshirsaz AA**, Sa RA, Martins A, Jacobsen M, Yamamoto M. Fetal demise following laser in TTTS: data from the Americas. 23<sup>rd</sup> World Congress of International Society for Ultrasound in Obstetrics and Gynecology (ISOUg) in Sydney, Australia in October 6-9, 2013. Oral Presentation
112. Javadian P, **Shamshirsaz AA**. Perinatal Outcome after Fetoscopic Release of Amniotic Band - A Single Center Experience and a Literature Review. Oral presentation in the Iranian American Medical Association (IAMA), 20th Annual Meeting, May 24 - May 27, 2013.
113. Allaf M.B, Vintzileos A.M, Chavez M.R, Wax J, Ravangard S.F, Figueroa R, Borgida A, Shamshirsaz A, Markenson G, Davis S, Habenicht R, Haeri S, Ozhand A, Johnson J, Sangi-Haghpeykar H, Spiel M, Ruano R, Meyer M, Belfort MA, Ogburn P, Campbell W, **Shamshirsaz AA**. Does early second-trimester ultrasound predict obstetrical and neonatal outcomes in monochorionic diamniotic twin pregnancies? 33<sup>rd</sup> Annual Meeting, Society for Maternal-Fetal Medicine, San Francisco, CA, February 11-16, 2013.
114. **Shamshirsaz AA**, Allaf M.B, Haeri S, Ozhand A, Spiel M, Ravangard S.F, Vintzileos A.M, Borgida A, Markenson G, Markenson G, Wax J, Davis S, Shamshirsaz A, Habenicht R, Gandhi M, Johnson J, Meyer M, Sadowski A, Ogburn P, Chavez M, Campbell W. Predication of perinatal outcome in monochorionic diamniotic twin pregnancies by early second trimester ultrasound. 33<sup>rd</sup> Annual Meeting, Society for Maternal-Fetal Medicine, San Francisco, CA, February 11-16, 2013.
115. **Shamshirsaz AA**. "Efficacy of genetic sonography in a stepwise sequential protocol for Down syndrome screening". Oral presentation in the Iranian American Medical Association (IAMA), 19<sup>th</sup> Annual Meeting, May 25- 28, 2012, Washington, DC.

116. **Shamshirsaz AA**, Campbell WA, Sanders M, Ravangard S, Hussain N. “Can placental pathology findings predict mother to infant transmission of genital mycoplasmas?” Poster presentation in the Society of Gynecologic Investigation (SGI) 59<sup>th</sup> Annual Scientific Meeting, March 21 - 24, 2012, San Diego, California.
117. **Shamshirsaz AA**, Bilstrom R, Egan J. “Body mass index-specific weight gain in twin pregnancies and adverse outcomes”. Poster presentation in the American College of Obstetricians and Gynecologists (ACOG) 60<sup>th</sup> Annual Clinical Meeting, May 5-9, 2012, San Diego, California.
118. **Shamshirsaz AA**, Shamshirsaz AA, Campbell WA. “Weight gain in term twin pregnancies: Examining the 2009 Institute of Medicine (IOM) guidelines.” Poster presentation in the American College of Obstetricians and Gynecologists (ACOG) 60<sup>th</sup> Annual Clinical Meeting, May 5-9, 2012, San Diego, California.
119. **Shamshirsaz AA**, Ravangard S, Campbell WA. “Maternal weight gain in twin pregnancies: Examining the 2009 Institute of Medicine (IOM) guidelines.” Poster for presentation in the American College of Obstetricians and Gynecologists (ACOG) 60<sup>th</sup> Annual Clinical Meeting, May 5-9, 2012, San Diego, California.
120. Allaf MB, Ravangard S, Wax J, Chavez MR, Shamshirsaz AA, Borgida A, Markenson G, Vintzileos A, Egan J, Figueroa R, Campbell W, Cartia A, Lee C, **Shamshirsaz AA**. Prediction of neonatal outcomes in monochorionic diamniotic twin pregnancies by first-trimester ultrasound measurements. Oral presentation in the American Institute of Ultrasound in Medicine (AIUM) meeting, March 29 - April 1, 2012, Phoenix, AZ.
121. Gurram P, Egan J, **Shamshirsaz AA**, Campbell W, Fuller K, Benn P. “Prenatal serum analyte markers and ultrasound findings in fetal trisomy 9”. Oral presentation in the American Institute of Ultrasound in Medicine (AIUM) meeting, March 29 - April 1, 2012, Phoenix, AZ.
122. **Shamshirsaz AA**, Benn P, Borgida A, Janicki MB, Campbell W, Ravangard S, Turner G, Shamshirsaz AA, Zelop C, Feldman D, Ingardia C, Fang YM, Prabulos AM, Fuller K, Gurram P, Sadowski A, Billstrom R, Egan J. Role of the second-trimester genetic sonogram after first-trimester screening”. Oral presentation in the American Institute of Ultrasound in Medicine (AIUM) meeting, March 29 - April 1, 2012, Phoenix, AZ.
123. Allaf MB, Ravangard S, Wax J, Chavez MR, Shamshirsaz AA, Borgida A, Markenson G, Vintzileos A, Egan J, Figueroa R, Campbell W, Cartia A, Lee C, **Shamshirsaz AA**. Prediction of obstetric outcomes in monochorionic diamniotic twin pregnancies by first-trimester ultrasound measurements.” Oral presentation in the American Institute of Ultrasound in Medicine (AIUM) meeting, March 29 - April 1, 2012, Phoenix, AZ.

124. **Shamshirsaz AA**, Ravangard S, Ozhand A, ogunleye O, Shamshirsaz AA, Bilstrom R, Sadowski A, Egan J, Campbell WA. Neonatal outcomes in twin pregnancies delivered moderately preterm, late preterm, and at term. Poster presentation in the Society of Maternal-Fetal Medicine (SMFM), 32<sup>nd</sup> Annual Meeting, February 6-11, 2012, Dallas, TX.
125. **Shamshirsaz AA**, Ravangard S, Ozhand A, ogunleye O, Shamshirsaz AA, Bilstrom R, Sadowski A, Egan J, Campbell WA. Late preterm birth in twin pregnancies: deliveries indications and neonatal outcomes. Poster presentation in the Society of Maternal-Fetal Medicine (SMFM), 32<sup>nd</sup> Annual Meeting, February 6-11, 2012, Dallas, TX.
126. **Shamshirsaz AA**, Ravangard S, Borgida A, Jenicki MB, Benn P, Sadowski A, Shamshirsaz AA, Campbell W, Billstrom RA, Feldman D, Zelop M, Prabulos AM, Turner G, Egan J. Comparison of two protocols for ultrasound markers in Down syndrome screening by the genetic sonogram. Poster presentation in the Society of Maternal-Fetal Medicine (SMFM), 32<sup>nd</sup> Annual Meeting, February 6-11, 2012, Dallas, TX.
127. **Shamshirsaz AA**, Ravangard S, Borgida A, Jenicki MB, Benn P, Sadowski A, Shamshirsaz AA, Campbell W, Billstrom RA, Feldman D, Prabulos AM, Turner G, Egan J. Follow-Up frequency of testing in patients at very low risk for trisomy 21 on first trimester screening. Poster presentation in the Society of Maternal-Fetal Medicine (SMFM), 32<sup>nd</sup> Annual Meeting, February 6-11, 2012, Dallas, TX.
128. **Shamshirsaz AA**, Ravangard S, Ozhand A, Ogunleye O, Shamshirsaz AA, Bilstrom R, Sadowski A, Egan J, Campbell WA. Twin chorionicity and the risk of stillbirth. Poster presentation in the Society of Maternal-Fetal Medicine (SMFM), 32<sup>nd</sup> Annual Meeting, February 6-11, 2012, Dallas, TX.
129. **Shamshirsaz AA**, Ravangard S, Borgida A, Jenicki MB, Benn P, Sadowski A, Shamshirsaz AA, Campbell W, Billstrom RA, Feldman D, Prabulos AM, Turner G, Egan J. Follow-up testing of first trimester patients who screen positive for trisomy 21. Poster presentation in the Society of Maternal-Fetal Medicine (SMFM), 32<sup>nd</sup> Annual Meeting, February 6-11, 2012, Dallas, TX.
130. Allaf MB, Ravangard S, Wax J, Chavez MR, Shamshirsaz AA, Borgida A, Markenson G, Vintzileos A, Egan J, Figueroa R, Campbell W, Cartia A, Lee C, **Shamshirsaz AA**. Does first-trimester ultrasound predict obstetrical outcomes in monozygotic diamniotic twin pregnancies? Poster presentation in the Society of Maternal-Fetal Medicine (SMFM), 32<sup>nd</sup> Annual Meeting, February 6-11, 2012, Dallas, TX.
131. **Shamshirsaz AA**, Ravangard S, Sadowski A, Shamshirsaz AA, Prabulos AM, Campbell W, Makari J, Ferrer F, Herbst K, Billstrom RA, Egan J. Fetal Pyelectasis and postnatal outcome. Oral presentation in Society for Fetal Urology 47<sup>th</sup> Biannual Meeting, October 14, 2011, Boston, MA. This abstract received the “Excellent and Innovation Presentation” award from Society of Fetal Urology 2011”.

132. Hussain N, **Shamshirsaz AA**, Sanders M, Rahman L, Campbell WA. Placental pathology as a predictor for mother to infant transmission of genital mycoplasmas. Oral presentation in New England Conference on Perinatal Research (American Academy of Pediatrics), 37<sup>th</sup> meeting, October 2-4, 2011.
133. **Shamshirsaz AA**, Barnaby D, Ravangard S, Sadowski A, Shamshirsaz AA, Campbell W, Billstrom RA, Borgida A, Feldman D, Benn P, Egan J. First-trimester nuchal translucency cutoffs to detect second trimester cardiac abnormalities in euploid fetuses. Oral presentation in the International Society of Ultrasound in Obstetrics and Gynecology (ISUOG), 21<sup>st</sup> Annual Clinical Meeting September 18-22, 2011, Los Angeles, CA.
134. **Shamshirsaz AA**, Ravangard S, Sadowski A, Shamshirsaz AA, Prabulos AM, Campbell W, Makari J, Ferrer F, Herbst K, Billstrom RA, Egan J. The impact of fetal renal pelvic diameter on postnatal outcome. Oral presentation in the International Society of Ultrasound in Obstetrics and Gynecology (ISUOG), 21<sup>st</sup> Annual Clinical Meeting September 18-22, 2011, Los Angeles, CA.
135. **Shamshirsaz AA**, Ravangard S, Sadowski A, Shamshirsaz AA, Prabulos AM, Campbell W, Makari J, Ferrer F, Herbst K, Billstrom RA, Egan J. Postnatal diagnosis, treatment and follow up of antenatal hydronephrosis: a health care challenge. Oral presentation in the International Society of Ultrasound in Obstetrics and Gynecology (ISUOG), 21<sup>st</sup> Annual Clinical Meeting September 18-22, 2011, Los Angeles, CA.
136. Qasba N, **Shamshirsaz AA**, Shamshirsaz AA, Feder H, Campbell W. Human granulocytic anaplasmosis (erhlichiosis): case report and literature review of tick-borne disease during pregnancy. Poster presentation in the 38<sup>th</sup> Annual meeting of the Infectious Disease Society for Obstetrics and Gynecology (IDSOG), August 11-12, Chicago, IL.
137. **Shamshirsaz AA**, Campbell WA, Chapman A, Gurram P, Benn PA, Egan JF. Prenatal gender selection: does it happen in the United States. Oral presentation in Iranian American Medical Association (IAMA), 18<sup>th</sup> Annual Meeting, May 27- 30, 2011, Houston, TX.
138. **Shamshirsaz AA**, Leftwich H, Sadowski A, Prabulos AM, Campbell W, Makari J, Ferrer F, Herbst K, Egan J. The use of second and third trimester fetal renal pelvis anterior-posterior diameter cut-offs in isolated hydronephrosis to predict postnatal surgery. Oral presentation in the American Institute of Ultrasound in Medicine (AIUM) Annual Clinical Meeting April 14-17, 2011, New York, NY.
139. **Shamshirsaz AA**, Leftwich H, Ravangard S, Sadowski A, Prabulos AM, Campbell W, Makari J, Ferrer F, Herbst K, Egan J. Comparison of prenatal and neonatal genitourinary tract diagnoses in a single center. Oral presentation in the American Institute of Ultrasound in Medicine (AIUM) Annual Clinical Meeting April 14-17, 2011, New York, NY.

140. **Shamshirsaz AA**, Dau Q, Hussain N. Clinical correlates of neonatal periventricular leukomalacia. Oral presentation in the American College of Obstetricians and Gynecologists(ACOG), 59<sup>th</sup> Annual Clinical Meeting, April 30-May 4, 2011, Washington, DC. This abstract received the “Blue Ribbon from ACOG”.
141. **Shamshirsaz AA**, Dau Q, Sanders M. Placental pathologic findings in newborns with periventricular leukomalacia. Poster presentation in the American College of Obstetricians and Gynecologists(ACOG), 59<sup>th</sup> Annual Clinical Meeting, April 30-May 4, 2011, Washington, DC.
142. **Shamshirsaz AA**, Leftwich H, Sadowski A, Prabulos AM, Campbell W, Makari J, Ferrer F, Herbst K, Billstrom RA, Egan J. Correlation of the anteroposterior diameter of the fetal renal pelvis in the second and third trimester with neonatal outcome. Oral presentation in New England Perinatal Society (NEPS), 30<sup>th</sup> Meeting, March 11-13, 2011, Newport, RI.
143. **Shamshirsaz AA**, Horowitz K, Leftwich H, Benn P, Campbell W, Bolnick J, Egan J. Efficacy of first-trimester nuchal translucency cutoffs to screen for second trimester cardiac abnormalities. Poster presentation in 31<sup>st</sup> Annual Meeting of Society of Maternal-Fetal Medicine (SMFM), February 7-12, 2011, San Francisco, CA.
144. Horowitz K, Benn P, **Shamshirsaz AA**, Campbell W, Egan J. Do differences in Down syndrome livebirth rates by maternal education persist after controlling for maternal age? Poster presentation in 31<sup>st</sup> Annual Meeting of Society of Maternal-Fetal Medicine (SMFM), February 7-12, 2011, San Francisco, CA.
145. Benn P, Gurram P, Campbell W, **Shamshirsaz AA**, Egan J. Do differences in the sex ratio at birth by race and nationality suggest prenatal gender selection in the US? Poster presentation in 31<sup>st</sup> Annual Meeting of Society of Maternal-Fetal Medicine (SMFM), February 7-12, 2011, San Francisco, CA.
146. **Shamshirsaz AA**. Down syndrome screening. Oral Presentation in Iranian American Medical Association (IAMA), 17<sup>th</sup> Annual Meeting, May 28- 30, 2010, Las Vegas, NV. This abstract received the “Young Scientist Award”.
147. Fuller k, Benn P, Smith K, Timms D, **Shamshirsaz AA**, Egan J. Amniocentesis rates in non-diabetic women in the US from, 1990-2005. Poster presentation in 30<sup>th</sup> Annual Meeting of Society of Maternal-Fetal Medicine (SMFM), February 1-6, 2010, Chicago, IL.
148. Smith K, Borgida A, **Shamshirsaz AA**, Prabulos AM, Campbell W, Egan J. Substitution of estimated fetal weight (EFW) for birth weight (BWT) in the Neonatal Research Network model predicting survival among neonates born at 22-25 weeks’ gestation. Poster presentation in 30<sup>th</sup> Annual Meeting of Society of Maternal-Fetal Medicine (SMFM), February 1-6, 2010, Chicago, IL.

149. Timms D, Smith K, **Shamshirsaz AA**, Turner G, Campbell W. Vacuum use during term cesarean delivery and rate of NICU admission. Poster presentation in 30<sup>th</sup> Annual Meeting of Society of Maternal-Fetal Medicine (SMFM), February 1-6, 2010, Chicago, IL.
150. **Shamshirsaz AA**, Yankowitz J, Rijhsinghani A, Greiner A, Holstein SA, Niebyl JR. Why my belly hurts? Oral presentation (Stump the Professors) in 57<sup>th</sup> American College of Obstetricians and Gynecologists (ACOG) Annual Clinical Meeting May 2-6, 2009 Chicago, IL. This abstract received the "Travel Grant from ACOG".
151. **Shamshirsaz AA**. Cervical dysplasia: Prevention and Treatment. Oral presentation in Iranian American Medical Association (IAMA), 16th Annual Meeting, May 23- 26, 2009, Boston.
152. **Shamshirsaz AA**, DeGeest K, Buekers T, Bender DB, Goodheart MJ. A 30-year Review of Primary Fallopian Tube Cancer at the University of Iowa. Poster presentation in 56<sup>th</sup> American College of Obstetricians and Gynecologists (ACOG) Annual Clinical Meeting May 3-7, 2008 New Orleans, LA. This abstract received the "Blue Ribbon from ACOG".
153. **Shamshirsaz AA**, Yankowitz J, Rijhsinghani A, Greiner A, Holstein SA, Niebyl JR. Herbal medication causing severe lead poisoning: presenting as acute abdominal pain during pregnancy. Oral presentation in Iranian American Medical Association (IAMA), 15th Annual Meeting, May 23-26, 2008, Washington, DC.
154. Hayes MP, **Shamshirsaz AA**, Rahaman J, Nezhat F. Laparoscopic staging of early stage ovarian and fallopian tube neoplasm. Poster presentation in Gynecology Oncologists, 39th Annual Meeting, March 9-12, 2008, Tampa, Florida.
155. **Shamshirsaz AA**, Withiam-Leitch M, Baker T, Odunsi K, Lele S. Young patients with endometrial carcinoma selected for conservative treatment: A need for vigilance for synchronous ovarian carcinomas. Oral presentation in Iranian American Medical Association (IAMA), 14<sup>th</sup> Annual Meeting, May 25-28, 2007, San Francisco, California.
156. Hayes MP, **Shamshirsaz AA**, Rahaman J, Nezhat F. Laparoscopic staging of early ovarian and fallopian tube cancer in patients presented with adnexal mass and patients presented for staging after of an occult cancer. Oral presentation in Global Congress of Minimally Invasive Gynecology, AAGL 35<sup>th</sup> Annual Meeting November 6-9, 2006 Las Vegas.
157. Parasad -Hayes M, **Shamshirsaz AA**, Rahaman J, Nezhat F. Laparoscopic staging of early stage ovarian and fallopian tube neoplasm. Oral presentation in 11th Biannual International Gynecologic Cancer Society Meeting (IGOS), October 14-18, 2006 Santa Monica, CA.
158. **Shamshirsaz AA**, Mahdavi A, Nezhat F. Feasibility and safety of laparoscopic surgery in gynecological cancer. Oral presentation in Iranian American Medical Association

(IAMA), 13<sup>th</sup> Annual Meeting, May 26-29, 2006, Rutherford, NJ. This abstract received the “Young Scientist Award”.

159. Nezhat F, **Shamshirsaz AA**, Rahman J, Gretz H, Zakashansky K. Total laparoscopic radical hysterectomy with pelvic lymphadenectomy in a fellowship training program. Poster presentation in 54<sup>th</sup> ACOG Annual Clinical Meeting May 6-10, 2006 Washington, DC. This abstract received the “Blue Ribbon from ACOG”.
160. Zakashansky K, **Shamshirsaz AA**, Mahdavi A, Dennis S, Rahman J, Gretz H, Nezhat F. A comparison of total laparoscopic and abdominal radical hysterectomy in the treatment of early cervical cancer in a gynecologic oncology fellowship program: 5-year experiences. Poster presentation in Global Congress of Minimally Invasive Gynecology, AAGL 34<sup>th</sup> Annual Meeting, November 9-12, 2005, Chicago, IL.
161. Bekheirnia MR, **Shamshirsaz AA**, Kamgar M, Johanson AM, MacFann K, Cadnapaphornchai M, Schrier RW. Risk factors and outcome in children with autosomal-dominant polycystic kidney: Comparison between symptomatic and non-symptomatic patient. Poster presentation in American Society of nephrology 38<sup>th</sup> Annual Meeting & Scientific Exposition, November 8-13, 2005 Philadelphia, PA.
162. Zakashansky K, **Shamshirsaz AA**, Mahdavi A, Dennis S, Rahman J, Gretz H, Nezhat F. Feasibility and safety of total laparoscopic radical hysterectomy in a fellowship Program. Oral presentation in the 14<sup>th</sup> International Congress of the Society of Laparoendoscopic Surgeon (SLS), Sept 14-17, 2005 San Diego, CA.
163. Zakashansky K, **Shamshirsaz AA**, Mahdavi A, Dennis S, Rahman J, Gretz H, Nezhat FR. Total laparoscopic versus abdominal radical hysterectomy with pelvic and paraaortic lymphadenectomy in management of gynecologic malignancies. Oral presentation in Society of Gynecology Surgeons, March 2005.
164. Zakashansky K, **Shamshirsaz AA**, Dennis S, Rahman J, Gretz H, Nezhat FR. Comparison of total laparoscopic (TLRH) versus abdominal radical hysterectomy (ARH) with pelvic and paraaortic lymphadenectomy in cervical cancer. A Gynecology Oncology Fellowship Program. Poster presentation at Society of Gynecology Oncologists, 36<sup>th</sup> Annual Meeting, March 19-23, 2005, Miami Beach, Florida.
165. Johnson AM, **Shamshirsaz AA**, Kamgar M, Nobakht Haghighi N, Schrier RW. Autosomal-dominant polycystic kidney diseases one (ADPKD1) and anticipation: New light on an old theory. Poster presentation in American Society of nephrology 37<sup>th</sup> Annual Meeting & Scientific Exposition, October 29-November 1, 2004. St. Louis, Missouri.
166. **Shamshirsaz AA**, Kamgar M, Nobakht Haghighi N, Johnson AM, Cadnapaphornchai M, Schrier RW. Clinical characteristics of autosomal dominant polycystic kidney disease (ADPKD) patients with and without very early onset (VEO). Poster presentation in American Society of nephrology 37<sup>th</sup> Annual Meeting & Scientific Exposition, October 29-November 1, 2004. St. Louis, Missouri.

167. Nobakht Haghighi N, **Shamshirsaz AA**, Kamgar M, Johnson AM, Cadnapaphornchai M, Schrier RW. Factor affecting disease progression in autosomal dominant polycystic kidney disease (ADPKD) with very early onset (VEO). Poster presentation in American Society of nephrology 37<sup>th</sup> Annual Meeting & Scientific Exposition, October 29-November 1, 2004. St. Louis, Missouri.
168. **Shamahirsaz AA**, Abraham WT, Mcfann K, Oren RM, Schrier RW. Congestive heart failure, water retention, and arginine vasopressin: response to V2 vasopressin receptor antagonist. Poster presentation in American Society of nephrology 37<sup>th</sup> Annual Meeting & Scientific Exposition, October 29-November 1, 2004. St. Louis, Missouri and Included in Journal of American Society of Nephrology; 2004: 15:128A, F-P0711.
169. Kamgar M, Nobakht Haghighi N, **Shamshirsaz AA**, Estacio RO, Schrier RW. Urinary albumin excretion (UAE) in hypertensive type II diabetic patient: correlation with impaired fibrinolysis. Poster presentation in American Society of nephrology 37<sup>th</sup> Annual Meeting & Scientific Exposition, October 29-November 1, 2004. St. Louis, Missouri.
170. **Shamshirsaz AA**, Kamgar M, Bekheirnia MR, Hashemi SR, Habibzadeh M, Bouzari N, Poorzahed Gilani N, Shamshirsaz AA, Nobakht Haghighi, Parsaei N, Broumand B. HCV infection in patients on maintenance hemodialysis: association with diabetes mellitus. Poster presentation in American Society of nephrology 37<sup>th</sup> Annual Meeting & Scientific Exposition, October 29-November 1, 2004. St. Louis, Missouri.
171. Bekheirnia MR, **Shamshirsaz AA**, Kamgar M, Erfanzadeh G, Aghili N, Shamshirsaz AA, Larijani B. Serum 25(OH) D and dietary calcium intake are associated with bone mineral density acquisition during puberty. Oral presentation at the 195<sup>th</sup> Meeting of the Society for Endocrinology and Diabetes Day, Royal College of Physicians, London, UK, 1-3 November 2004. This abstract received the "Travel Grant".
172. **Shamshirsaz AA**, Bekheirnia MR, Kamgar M, Habibzadeh MR, Bouzari N, Poorzahed Gilani N, Shamshirsaz AA. Bone mineral density and selected metabolic markers in thalassemia: A case control study. Poster present at 10<sup>th</sup> National Osteoporosis Society Conference on Osteoporosis, November 28-December 1, 2004, Harrogate, UK.
173. Kamgar M, **Shamshirsaz AA**, Bekheirnia MR, Habibzadeh MR, Bouzari N, Poorzahed Gilani N, Shamshirsaz AA. Insulin like growth factor-1 in thalassemic patients and Its relation to mineral density and puberty. Poster presentation at 10<sup>th</sup> National Osteoporosis Society Conference on Osteoporosis, November 28 -December 1, 2004, Harrogate, UK.
174. Bekheirnia MR, **Shamshirsaz AA**, Kamgar M, Bouzari N, Tabatabaiee SM, Pourzahedgilani N, Shamshirsaz AA, Larijani B. Bone mineral accumulation in adolescents: association with dietary calcium intake and serum 25(OH) D. Poster presentation in 12<sup>th</sup> International Congress of Endocrinology; August 31-September 3, 2004; Lisbon. This abstract received the "Travel Grant".
175. Broumand B, Kamgar M, Bekheirnia MR, Hashemi SR, Habibzadeh M, **Shamshirsaz AA**, Poorzahed Gilani N, Bouzari N, Nobakht Haghighi N, Shamshirsaz AA. Incidence of



the hepatitis C virus infection and its risk factors among hemodialysis patient in Tehran: A multicenter study. Poster presentation, 36<sup>th</sup> American Society of Nephrology Annual Meeting & Scientific Exposition 12-17 November 2003, CA.

176. Bekheirnia MR, **Shamshirsaz AA**, Kamgar M, Bouzari N, Poorzahed Gilani N, Tabatabaiee SM, Shamshirsaz AA, Larijani B. Low bone mass and its relation to serum Zinc and Copper in young beta-thalassemia patients. Oral presentation, 4th European Congress on Clinical and Economical of Osteoporosis and Osteoarthritis 14-17 November 2003, Nice, France. This abstract received the "Travel Grant form WHO".
177. Bekheirnia MR, **Shamshirsaz AA**, Kamgar M, Bouzari N, Poorzahed Gilani N, Tabatabaiee SM, Shamshirsaz AA, Larijani B. Low dietary intake and serum level of zinc and copper in adolescents with beta- thalassemia: association with low bone mass. Oral presentation, 9<sup>th</sup> European Nutrition Conference 1-4 October 2003, Rome, Italy and Included in *Ann Nutr Metab*; 2003; 47: 498. This abstract received the "Young Scientist Award".
178. **Shamshirsaz AA**, Bekheirnia MR, Kamgar M, Bouzari N, Poorzahed Gilani N, Tabatabaiee M, Shamshirsaz AA, Larijani B. Adolescence: Normative values for the 10-20-year-old population. Oral presentation, 2<sup>nd</sup> Young Medics International Conference from Prevention to Intervention, 26-28 September 2003, Yerevan, Armenia and Included in *Proceedings, 2nd Young Medics Conf*, p: 84.
179. Bekheirnia MR, **Shamshirsaz AA**, Kamgar M, Bouzari N, Poorzahed Gilani N, Tabatabaiee SM, Shamshirsaz AA, Larijani B. Low bone mass and its relation to serum zinc and copper in young beta-thalassemic patients. Oral presentation, 2<sup>nd</sup> Young Medics International Conference, From Prevention to Intervention, 26-28 September 2003, Yerevan, Armenia, included in *Proceedings, 2nd Young Medics Conf*, p: 29. This abstract received the "Young Scientist Award".
180. Hashemi SR, **Shamshirsaz AA**, Kamgar M, Bekheirnia MR, Broumand B, Bouzari N, Poorzahed Gilani N, Shamshirsaz AA, Nobakht Haghighi N. Incidence of hepatitis C infection in hemodialysis centers of Iran. Oral presentation, 8<sup>th</sup> Iranian Congress of Nephrology, Dialysis, Transplantation 26-29 September 2003, Tehran, Iran.
181. **Shamshirsaz AA**, Kamgar M, Bekheirnia MR, Tabatabaiee SM, Moradi M, Vosoogh P, Alebooyeh M, Moosavi F, Azarkeyvan A, Kimiagar M. Bone mineral density in patients aged 10-20 years with major thalassemia in Tehran- Iran. Poster presentation, 9<sup>th</sup> bath conference on osteoporosis 23-26 June 2003, UK.
182. Broumand B, **Shamshirsaz AA**, Kamgar M, Bekheirnia MR, Hashemi SR, Bouzari N, Aiazi F, Moradi M, Shamshirsaz AA, Broumand V. Prevention of hepatitis C transmission in hemodialysis center via separation of hemodialysis machines: a prospective multi-center study in Tehran. Poster presentation, World Congress of Nephrology 8-12 June 2003, Berlin, Germany.

183. **Shamshirsaz AA**, Bekheirnia MR, Kamgar M, Tabatabaiee SM, Moradi M, Vosoogh P, Alebooyeh M, Moosavi F, Azarkeyvan A, Kimiagar M. Bone mineral density in patients aged 10-20 years with major thalassemia in Tehran-Iran. Poster presentation, International conference on metabolic bone disease, Hyatt Regency Coolum, 10-13 June 2003, Australia.
184. Tabatabaiee SM, **Shamshirsaz AA**, Bekheirnia MR, Kamgar M, Hashemi SR, Moatameni N, Moradi M, Shamshirsaz AA. Assessing bone mineral density disturbances and its related factors in adolescents with major thalassemia. Oral presentation in the first international congress on the complications of Thalassemia in Adolescents. 2-4 May 2002, Tehran, Iran.

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## Invited Lectures:

1. **Shamshirsaz AA**. “Ethics related to fetoscopic repair and MOMS trial criteria”, 2019 fetoscopic NTD interest group meeting, Texas Children’s Hospital, December 7, 2019
2. **Shamshirsaz AA**. “Moderating the simulation session on fetoscopic repair of myelomeningocele, 2019 fetoscopic NTD interest group meeting, Texas Children’s Hospital, December 8, 2019
3. **Shamshirsaz AA**. “Managing Growth Restriction: Understanding our Tests and Their Limitations in Early and Late Disease”, International Congress on Obstetrics and Gynecology, Tehran, Iran, October 8, 2019
4. **Shamshirsaz AA**. “Diagnosis and management of placenta accreta spectrum”, International Congress on Obstetrics and Gynecology, Tehran, Iran, October 9, 2019
5. **Shamshirsaz AA**. “Panel discussion as a director: Postpartum Hemorrhage”, International Congress on Obstetrics and Gynecology, Tehran, Iran, October 9, 2019
6. **Shamshirsaz AA**. “Update consortium database and the road map”, First Accreta consortium research meeting, Boston, Sep 28, 2019
7. **Shamshirsaz AA**. “Management and diagnosis of Placenta Accreta”, Placenta Accretismo, Medellin, Colombia, Sep 6-7 2019
8. **Shamshirsaz AA**. “State of the ART Management of Monochorionic-Diamniotic Twins and Fetal Surger”, 20th Royan International Congress on Reproductive Biomedicine, August 28-30, 2019.
9. **Shamshirsaz AA**. “The Epidemiology of Perinatal/Neonatal Outcomes among Twins Stratified by Mode of Conception and the Effect of Advanced Maternal Age in the United States”, 20th Royan International Congress on Reproductive Biomedicine, August 28-30, 2019

10. **Shamshirsaz AA.** “The lecture for residents( management of Placenta Accreta Spectrum)” and “Grand Round (Update in Fetal Surgery )”, University of Miami, Aug 15, 2019
11. **Shamshirsaz AA.** Fetoscopic laser ablation of placental anastomoses in twin-twin transfusion syndrome using 'Solomon technique', XXI National Conference of Gynecology and Obstetrics 2018, San José, Costa Rica June 18-21, 2019
12. **Shamshirsaz AA.** Fetoscopic Laryngo tracheoscopy , XXI National Conference of Gynecology and Obstetrics 2018, San José, Costa Rica June 18-21, 2019
13. **Shamshirsaz AA.** “Hematologic Disorders of Pregnancy (w/ anemia, thalassemia, hemoglobinopathies, thrombocytopenia)”, University of Texas Rio Grande Valley, March 8, 2019.
14. **Shamshirsaz AA.** “Fetal Intervention: Innovation and Beyond”, University of Mississippi Medical Center Grand Rounds, March 1, 2019.
15. **Shamshirsaz AA.** “Complications of Twin Pregnancies”, University of Mississippi Medical Center Fellow Lecture, March 1, 2019.
16. **Shamshirsaz AA.** “Fetoscopic laser ablation of placental anastomoses in twin-twin transfusion syndrome using Solomon technique” Invitation to the XXI National Conference of Gynecology and Obstetrics, Costa Rica, June 18-21, 2018.
17. **Shamshirsaz AA.** “Leading Placenta Accreta Scientific Forums” at the Society of Maternal Fetal Medicine, 39<sup>th</sup> annual meeting. February 13, 2019.
18. **Shamshirsaz AA.** International Congress of Minimally Invasive Gynecology & Obstetrics. Tehran, Iran. December 11-14 2018. Lectures: Minimally invasive fetal intervention for complicated twin pregnancy and minimally invasive fetal intervention for congenital fetal abnormalities.
19. **Shamshirsaz AA.** SMFM PAS Ultrasound Markers’ Task Force. Boston. December 8, 9 2018.
20. **Shamshirsaz AA.** Mississippi Perinatal Quality Collaborative. November 16 2018. Lecture: PAS: Advances in Treatments and Techniques
21. **Shamshirsaz AA.** Iowa Grand Round and Postgraduate Course (Distinguished Visiting Professor). November 2-8 2018. Lectures: Management of PAS; Complications of Mo-Di Twins; and Fetal Surgery Indications.
22. **Shamshirsaz AA.** 16th ICOG (International Congress on Obstetrics and Gynecology, Tehran, Iran), October 9-12 2018. Lectures: Ultrasound in Obstetrics; Critical Care in Pregnancy Workshop; PPH Workshop; Advances in Fetal Surgery.

23. **Shamshirsaz AA.** “What is New in Fetal Surgery? Texas Children’s Fetal Center Experience”, Iranian American Medical Association (IAMA) Annual Meeting, May 25-28, 2018
24. **Shamshirsaz AA.** “Launching Fetal Surgery Fellowship in Iran: 2018 Update” , Iranian American Medical Association (IAMA) Annual Meeting, May 25-28, 2018
25. **Shamshirsaz AA.** “Managing Invasive Placentation”, University of Toronto April 21st, 2018.
26. **Shamshirsaz AA.** "Fetal Surgery: 2020 and beyond", New England Perinatal Society (NEPS), March 2-4, 2018.
27. **Shamshirsaz AA.** “Minimally Invasive Fetal Surgery” at the OB/GYN Grand Rounds Conference, Cleveland Clinic, February 14<sup>th</sup>, 2018.
28. **Shamshirsaz AA,** Carusi D. “Leading Placenta Accreta Scientific Forums” at the Society of Maternal Fetal Medicine, 38<sup>th</sup> annual meeting. January 31<sup>st</sup>, 2018
29. **Shamshirsaz AA.** “Fetal complications of multiple gestation, including twin to twin transfusion” at the Clinical Neonatal Seminars/ Baylor College of Medicine, January 10<sup>th</sup>, 2018.
30. **Shamshirsaz AA.** “Fetal Surgery” in the 6<sup>th</sup> Asian Congress of Endometriosis & International Congress of Minimally Invasive Surgery. Iran, Shiraz 22-24 November 2017.
31. **Shamshirsaz AA.** “Multidisciplinary management of placenta accrete”, “Fetal hydrops: Diagnosis and management” and “Advances in Fetal Intervention: Fetoscopic vs open Myelomeningocele Repair”. The future of Women’s Health and Fetal Medicine: Contemporary Updates, Controversies and collaboration, Houston, Texas.10-11 November 2017.
32. **Shamshirsaz AA.** Invited to speak about “Abnormal placentation”, “Fetal Surgery program in Iran”, “How can you make your target scan easy” and moderator of morbidly adherent placenta session. 14<sup>th</sup> ICOG (International Congress on Obstetrics and Gynecology, Tehran, Iran), 10-13 October 2017.
33. **Shamshirsaz AA.** “Morbidity Adherent Placenta, Advanced in Treatment and Techniques”, Texas Children’s Research Seminar, October 5, 2017.
34. **Shamshirsaz AA.** Fellowship lecture series for Society of Maternal Fetal Medicine. “Fetal surgery- principles, indications and evidence”, October 4, 2017.
35. **Shamshirsaz AA.** “Fetal Surgery”, Surgery PA Fellowship Lecture Series, Texas Children’s Hospital. September 28, 2017.
36. **Shamshirsaz AA.** Invited to speak about “Fetal Surgery and Medical Ethics” at 22nd Annual congress of Iranian Society of Pediatric Surgeons, 8-11May 2017, Tehran, Iran.

37. **Shamshirsaz AA.** Invited to speak about “Pediatric Cardiologist and Fetal Surgery” at 6<sup>th</sup> Iranian Congress of Pediatric Cardiology, 9-10 May 2017, Tehran, Iran.
38. **Shamshirsaz AA.** Invited to speak about “Accreta Consortium updates” at the scientific forum of the Society of Maternal Fetal Medicine (SMFM), Las Vegas, NV, 25<sup>th</sup> January 2017
39. **Shamshirsaz AA.** Invited to speak about “Fetal Surgery” at the OB/GYN Grand Rounds Conference, University of South Carolina, December 6<sup>th</sup>, 2016
40. **Shamshirsaz AA.** Invited to speak about “Critical care in Obstetrics and Gynecology” in Critical Care Workshop at the 13th International Congress of Obstetrics and Gynecology Tehran, Iran, 15-18, October 2016.
41. **Shamshirsaz AA.** Invited to speak about “Update in fetal surgery” at the 13th International Congress of Obstetrics and Gynecology Tehran, Iran, 15-18, October 2016.
42. **Shamshirsaz AA, Ignatia B. Van den Veyver.** Invited to speak about “Advances and future perspectives of fetal therapy in the era of advanced prenatal genetic testing” at the Clinical Genetics Seminars/ Baylor College of Medicine, February 15<sup>th</sup>, 2016.
43. **Shamshirsaz AA.** Invited to speak about “Accreta Consortium updates” at the scientific forum of the Society of Maternal Fetal Medicine (SMFM), Atlanta, GA, 3<sup>rd</sup> February 2016
44. **Shamshirsaz AA.** Invited to speak about “New approach to morbidly adherent placenta” at the 13th International Congress of Obstetrics and Gynecology Tehran, Iran, 15-18, October 2016.
45. **Shamshirsaz AA.** Invited to speak about “Fetal surgery: past, present and future” at the 12th International Congress of Obstetrics and Gynecology Tehran, Iran, 12-15, October 2015.
46. **Shamshirsaz AA.** Invited to speak about “Fetal surgery: past, present and future” at the OB/GYN Grand Rounds Conference, Department of Obstetrics and Gynecology, Maimonides Medical Center, New York, March 27<sup>th</sup>, 2015
47. **Shamshirsaz AA.** Invited to speak about “Fetal Intervention” at the 11th International Congress of Obstetrics and Gynecology Tehran, Iran, 14-17, October 2014.
48. **Shamshirsaz AA.** Invited to speak about “Twin Pregnancy” at the 11th International Congress of Obstetrics and Gynecology Tehran, Iran, 14-17, October 2014.
49. **Shamshirsaz AA.** Invited to speak about “Fetal Surgery” at the OB/GYN Grand Rounds Conference, Department of Obstetrics and Gynecology, Baylor college of Medicine, Houston/Texas, June 2014

50. **Shamshirsaz AA.** Invited to speak about “New Advances in Fetal Surgery” at the 35th Annual Congress of Iranian Society of Pediatrics, Tehran/Iran, in 30th April 2014.
51. **Shamshirsaz AA.** Invited to speak about “Ultrasound and the Surgeon” at the 38th Annual Congress of Iranian Association of Surgeons, Tehran/Iran, in 13th May 2014.
52. **Shamshirsaz AA.** Invited to speak about “Neural Tube Defect and Fetal Surgery” at the 38th Annual Congress of Iranian Association of Surgeons, Tehran/Iran, in 10th May 2014.
53. **Shamshirsaz AA.** Invited to speak about “Update of Fetal Surgery” at the 22nd Iranian Society of Pediatric Surgery Congress, Tehran/Iran, in 11th May 2014.
54. **Shamshirsaz AA.** Invited to speak about “Fetal Surgery” at the 21st Iranian Society of Pediatric Surgery Congress, Tehran/Iran, in 4th June 2013.
55. **Shamshirsaz AA.** Invited to speak about “Fetal Surgery” at the 34th Annual Congress of Iranian Society of Pediatrics, Tehran/Iran, in 24th April 2013.
56. **Shamshirsaz AA.** Invited to speak about “Tick Borne Disease in Pregnancy” by the University of Columbia for the National Lyme and Tick-Borne Diseases Conference, Philadelphia on September 2012.
57. **Shamshirsaz AA.** Invited to speak about “Aneuploidy Screening” for Obstetrics and Gynecology grand rounds in the Bridgeport Hospital, Yale New Haven Health, on March 8, 2012.
58. **Shamshirsaz AA.** Invited to speak about “Twin Pregnancy” for Obstetrics and Gynecology grand rounds in the Bridgeport Hospital, Yale New Haven Health, on December 9, 2011.
59. **Shamshirsaz AA.** Invited as a visiting professor to speak about “CMV Infection in Pregnancy” for Obstetrics and Gynecology grand rounds in the Saint Francis Hospital and Medical Center, Connecticut, June 15, 2011.
60. **Shamshirsaz AA.** Invited to speak about “CMV Infection in Pregnancy” for Obstetrics and Gynecology grand rounds in the Bristol Hospital, Connecticut, May 16, 2011.
61. **Shamshirsaz AA.** Invited to speak about “CMV Infection in Pregnancy” for Obstetrics and Gynecology grand rounds in the Bridgeport Hospital, Yale New Haven Health, Connecticut, November 12, 2010.

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## Book Chapters / Journal Consult:

1. **Alireza A. Shamshirsaz**, Michael A. Belfort. “Operative Techniques in Obstetric Surgery” Editors: Alireza A. Shamshirsaz, Michael A. Belfort [in progress]
2. **Alireza A. Shamshirsaz**, Amy Mehollin-Ray. “Diagnostic Imaging for Fetal Surgical Intervention” From: *Fundamentals of Advanced Fetal Imaging: Ultrasound and MRI*. Editors: Wesley Lee, Dorothy Bulas, Ray Bahado-Singh [in press]
3. Michael A Belfort, **Alireza A. Shamshirsaz**, William Whithead. “Open Neural Tube Defect Repair: Development and Refinement of a Fetoscopic Technique” From: *Fetal Therapy: Scientific Basis and Critical Appraisal of Clinical Benefits*. Editors: Mark D. Kilby, Anthony Johnson, Dick Oepkes [in press]
4. Hadi Erfani, **Alireza A. Shamshirsaz**: “Maternal and perinatal outcomes of trial of labor after prior cesarean delivery.” From: *50 Studies Every Obstetrician & Gynecologist Should Know*. Oxford. [in progress]
5. **Alireza A. Shamshirsaz**, Karin A. Fox, Michael A. Belfort: “The Diagnosis and Management of Morbidly Adherent Placenta”, *Learning the Essential-Critical Care of Obstetrics*. Guest Editors: Michael R. Foley and Roman Starikov. *Seminars in Perinatology*, Saunders, *Semin Perinatol*. 2018 Feb; 42(1):49-58.
6. **Alireza A. Shamshirsaz**, Venkata Bandi, David M. Muigai, Robert H. Ball, Michael A. Belfort: “Fetal Surgery Procedures and Associated Maternal Complications” Edited by: George Saade, Michael Belfort, Michael Foley, Jeffery Phelam, Gary Dildy. *Critical Care Obstetrics* Chap 56, 6<sup>th</sup> ed, Wiley-Blackwell, 2017: 303-315.
7. Karin A. Fox, Martha Rac, **Alireza A. Shamshirsaz**, Michael A. Belfort. “The Placenta as a Critical Care Issue” Edited by: George Saade, Michael Belfort, Michael Foley, Jeffery Phelam, Gary Dildy. *Critical Care Obstetrics* Chap 49, 6<sup>th</sup> ed., Wiley-Blackwell, 2017: 821-837.
8. Amirhossein Moaddab, Ahmed Nassr, Michael A Belfort, **Alireza A. Shamshirsaz**: “Ethical Issues Fetal Therapy” *Ethical Issues in Human Reproduction*. Edited by: Frank Chervenak, Lawrence McCullough. In “Best Practice and research clinical obstetrics and gynecology – 2017 Aug; 43:58-67.
9. **Alireza A. Shamshirsaz**, Michael A. Belfort, Robert Ball: “Fetal Surgery”. Edited by: Joseph J. Apuzzio, Anthony M. Vintzileos and Leslie Iffy. *Operative Obstetrics*. Chap13, 4th ed, Taylor & Francis, 2016: 163-179.
10. **Alireza A. Shamshirsaz**, Susan M Ramine, Michael A. Belfort: “Fetal Therapy”. Edited by: Larry C. Gilstrap III. *Operative Obstetrics*. Chap16, 3rd ed, Appleton & Lange, 2016: 260-275.

11. Karin A. Fox, **Alireza A. Shamshirsaz**, Michael A. Belfort: “Center of Excellence for Placenta Accreta”. Edited by: Bob Silver. Placenta Accreta Syndrome. Chap 9, 1st ed, CRC Press, 2016. In press.
12. **Alireza A. Shamshirsaz**, Peter Benn, James FX Egan: “The Role of Second-trimester Serum Screening in the Post-first trimester Screening Era.” Prenatal Screening and Diagnosis. Guest Editors: Anthony O. Odibo and David A. Krantz. Consulting Editor: Alan Wells. Clinics in Laboratory Medicine, Saunders, September 2010, Volume 30. Number 3:667-76.
13. Farr Nezhat, **Alireza A. Shamshirsaz**, Yildirim Gazi, Ceana Nezhat, Camran Nezhat: “Pelvic Pain, Endometriosis, Role of the Gynecologist.” In Dr. Albert Altchek and Dr. Liane Deligdisch (First ed., Chap 20): Pediatric, Adolescent and Young Adult Gynecology, Blackwell, 2009: 174-194.
14. Martin C. Gregory, **Alireza A. Shamshirsaz**, Mohammad Kamgar, Reza Bekheirnia: “Alport’s Syndrome, Fabry’s Disease and Nail-Patella Syndrome.” In Schrier RW (ed.): Disease of Kidney and Urinary Tract Chap19, 8th ed, Lippincott Williams and Wilkins, 2005: 540-570.

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## Translations:

- **Alireza A. Shamshirsaz**, Hadi Erfani, Zhoobin H. Bateni, Amir A. Shamshirsaz: Farsi translation of the “Ultrasound in Obstetrics & Gynecology: A Practical Approach” Edited by: Alfred Abuhamad, Contributing Authors: Rabih Chaoui, Phillipe Jeanty, Dario Paladini. First edition. This translation was requested directly from Dr. Alfred Abuhamad the chief editorial. This book is available free.

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## Mentees:

- A. **Undergraduate Student/ Medical Student/ Postdoc Research Fellow/ Resident/Clinical Fellow (current position):**
  1. Amir A. Shamshirsaz, 1993-present (younger brother) (MFM-critical care fellow in Baylor College of Medicine)
- B. **Clinical Fellow (current position)**
  1. Ahmed A. Nassr, Clinical Postdoc Fellow in Perinatal Surgery from 2015 –2017 (Fetal surgeon in Texas Children’s Hospital)
  2. Oluseyi Ogunleye, Clinical Postdoc Fellow in Fetal Intervention from July 2016 – 2017 (Fetal surgeon in Cincinnati Children’s Hospital)
  3. James Fisher, Clinical Postdoc Fellow in Perinatal Surgery from July 2016 – present



**C. Resident (current position)**

1. Samad Ravangard, Resident Obstetrics and Gynecology, University of Connecticut; 2009-2012; (Maternal Fetal Medicine, University of Illinois, IL)
2. Heidi Leftwich, Resident Obstetrics and Gynecology, University of Connecticut; 2010; (Assistant Professor, Maternal Fetal Medicine, University of Massachusetts Medical School)
3. Melisa Spiel, Resident Obstetrics and Gynecology, University of Connecticut; 2010-2012; (Assistant Professor, Maternal Fetal Medicine, Beth Israel Deaconess Medical Center, Harvard Medical School)
4. Bahram Salmanian, Resident Obstetrics and Gynecology (Upcoming Fellow: Maternal Fetal Medicine), Baylor College of Medicine; 2014-present
5. Gian Esteban Diaz-Rodriguez, Resident Obstetrics and Gynecology, Baylor College of Medicine; 2014-present; Upcoming Fellow: Maternal Fetal Medicine at University of Illinois

**D. Postdoc Research Fellow (current position)**

1. Pooya Javadian, 2013–2015; (Resident of Diagnostic Radiology)
2. Bahram Salmanian, 2013 – 2015; (Fellow of Obstetrics and Gynecology)
3. Pardis Hosseinzadeh, 2014–2016; (Resident of Obstetrics and Gynecology)
4. Amirhossein Moaddab, 2013–2017; (Resident of Diagnostic Radiology)
5. Zhoobin H. Bateni, 2014–2017; (Resident of Family medicine)
6. Niloofar Karbasian, 2015–2016 (Resident of Diagnostic Radiology)
7. Hadi Erfani, 2015 – 2019 (Resident of Obstetrics and Gynecology)
8. Soroush Aalipour, 2018-present (Post Doc research fellow)

**E. Medical Student (current position)**

1. Neena Qasba, University of Connecticut, 2010 (Family planning, Yale University)
2. Rachel Billstrom, University of Connecticut, 2012 (Obstetrics and Gynecologist in West Hartford Hospital)
3. Elias Kassir, Baylor College of Medicine, 2016; (Obstetrics and Gynecology resident UCLA)
4. Timothy Dunn, Baylor College of Medicine, 2016; (Obstetrics and Gynecology resident in University of Alabama)
5. Alexandra Buffie, Baylor College of Medicine, 2017; (Obstetrics and Gynecology in University of Pittsburg)
6. Jaden Kohn, Baylor College of Medicine, 2017; (Obstetrics and Gynecology Resident in John Hopkins)
7. Allison Sellner, Baylor College of Medicine 2017; (Obstetrics and Gynecology Resident in Baylor College of Medicine)
7. Kelsey Stewart, Baylor College of Medicine, 2018; (Obstetrics and Gynecology Resident in University of Minnesota)
8. Sohun Shah, Baylor College of Medicine, 2018; (Obstetrics and Gynecology Resident in Baylor College of Medicine)
9. Jessica Sheu, Baylor College of Medicine, 2018-present
10. Elizabeth Kravitz, Baylor College of Medicine, 2018-present
11. Ava Y Jang, Baylor College of Medicine, 2018-present
12. Emile Irene Gleeson, Baylor College of Medicine, 2019-present
13. Jayme Elyse Castillo, Baylor College of Medicine, 2019-present
14. Summer Hazel Walton, Baylor college of medicine, 2019-present

**F. Undergraduate Student (current position)**

1. Allison Sadowski; 2010-2011 (Medical Student in University of Connecticut)
  2. Patrick J. Lenehan; 2011-2012 (MD/PhD student in University of Connecticut)
  3. Leah Mitchell; 2011-2012 (OB/GYN resident in University of East Virginia)
  4. Arash Hamvatan; 2017-2018 (Medical Student in UMAS)
  5. Nikey Mohammadian 2018- present
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**Media Appearances:**

1. Uterine Surrogacy. Invited Panelist on BBC Television. 12/1/2018
2. Luke's Story: Fetal Intervention for Lower Urinary Tract Obstruction.  
[https://www.youtube.com/watch?v=UZJl8J\\_CvSE](https://www.youtube.com/watch?v=UZJl8J_CvSE)  
October 11, 2018
3. Role of HPV vaccine in Human Health. Interview with BBC Television. 6/14/2018  
<https://www.youtube.com/watch?v=CtAooN0g850>
4. WHO recommendation on cesarean delivery rate. Interview with Iran International Television. 2/19/2018  
<https://www.youtube.com/watch?v=6iLckkj2HpU>
5. Twins receive lifesaving procedure-Twin Anemia Polycythemia Sequence (TAPS).  
<http://abc13.com/health/twins-receive-lifesaving-procedure-before-birth/2812274/>.  
Friday, December 22, 2017
6. Opening the Shariti Hospital Fetal Center and first series of fetal surgery.  
[https://www.youtube.com/watch?v=o\\_nRImN39aA](https://www.youtube.com/watch?v=o_nRImN39aA). 11/18/201
7. Family travels to TX Children's for lifesaving fetal surgery.  
<http://abc13.com/health/family-travels-to-tx-childrens-for-lifesaving-fetal-surgery/2572364/> . 10/26/2017
8. First series of successful fetal intervention (fetoscopic laser coagulation of placenta anastomoses in twin to twin syndrome for monochorionic diamniotic twin) in Iran.  
<https://www.youtube.com/watch?v=Uu9lwXhNCzc&t=1s>. October 13, 2017. IRIB 1-6.
9. Houston surgeon ready to visit Iran again, but not in time to save three babies. Houston Chronical by Mike Hixenbaugh. <http://www.chron.com/news/medical/article/Houston-surgeon-plans-return-trip-to-Iran-but-11251211.php>. 06/28/2017

10. Female genital mutilation is seen by most ob.gyns. Kari Oaks. <http://www.mdedge.com/obgynnews/article/141341/gynecology/female-genital-mutilation-seen-most-obgyns>. 06/27/2017
11. TTTS: From South Carolina to Texas - Pavilion for Women's Blog. Abby, patient. <http://women.texaschildrensblog.org/2017/07/tts-from-south-carolina-to-texas>. 06/19/2017
12. Chelsea and Nick Torres were not going to give up their Conjoined Twins. HoustonPress by Megan Flynn. <http://www.houstonpress.com/news/chelsea-and-nick-torres-were-not-going-to-give-up-their-conjoined-twins-9215659>. 02/21/2017
13. We will lose those babies: Iranian doctor sees effects of travel ban- CNN. Susan Scutti. <http://www.cnn.com/2017/02/16/health/iran-doctor-travel-ban-profile/index.html>. 02/16/2017
14. Trump travel ban kills surgeons lifesaving trip to Iran. <http://www.santabarbarapost.com/news/251648519/trump-travel-ban-kills-surgeons-lifesaving-trip-to-iran>. 02/12/2017
15. Doctor cancels life-saving surgeries in Iran over travel ban concerns. KHOU news by Josh Marshall. <http://www.khou.com/news/local/doctor-cancels-life-saving-surgeries-in-iran-over-travel-ban-concerns/406906091>. 02/10/2017
16. Trump travel ban kills surgeon's lifesaving trip to Iran. Washington Times. <http://www.washingtontimes.com/news/2017/feb/10/trump-travel-ban-kills-surgeons-life-saving-trip-t>. 02/10/2017
17. Amid travel ban uncertainty, Houston doctor cancels plans to perform life-saving fetal surgeries in Iran. Without the operations, three unborn babies will likely die. Houston Chronical by Mike Hixenbaugh. <http://www.houstonchronicle.com/news/houston-texas/houston/article/Amid-travel-ban-uncertainty-Houston-doctor-10921901.php>. 02/09/2017
18. Interview with "Persian BBC" regarding the "Cesarean births affecting human evolution". <https://www.youtube.com/watch?v=jXA8YrhPuTg&t=47s>. 12/6/2016.
19. Interview with "Persian BBC" regarding the "World's first baby with new "3" parent". <https://www.youtube.com/watch?v=gybLfCbHzI&feature=youtu.be>. 09/28/2016
20. Optimism soars for spina bifida baby. The Californian (part of the USA Today network). Robert M. Robledo. <http://www.thecalifornian.com/story/news/2016/05/10/optimism-soars-spina-bifida-baby/84157524/>. 05/11/2016
21. Doctor saves twin and creates unbreakable bond between families. Emerald Pellet. KBTX - College Station, TX. <http://www.godtube.com/watch/?v=Y7LWGWXN>. 08/2015

22. My Mother's Day Miracle: How fetal surgery for spina bifida brought my baby daughter to me. Meagan Bishop, patient and mother of patient. <http://women.texaschildrensblog.org/2013/05/my-mothers-day-miracle-how-fetal-surgery-for-spina-bifida-brought-my-baby-daughter-to-me/>. 05/12/2015
23. Texas Children's Hospital Fetal Center performs first successful fetoscopic repair to treat spina bifida in the United States. <http://www.prnewswire.com/news-releases/texas-childrens-hospital-fetal-center-performs-first-successful-fetoscopic-repair-to-treat-spina-bifida-in-the-united-states-274010471.html>. 09/04/2014
24. First Fetal Surgery in Middle East. Pars News. 05/2013

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## Professional Association:

- International Society of Prenatal Diagnosis (*ISPD*)
  - Society of Reproductive Investigation (*SRI*)
  - International Fetal Medicine and Surgery Society (*IFMSS*)
  - International Society of Ultrasound in Obstetrics and Gynecology (*ISUOG*)
  - American College of Obstetrics and Gynecology (*ACOG*)
  - Society of Maternal Fetal Medicine (*SMFM*)
  - American Institute of Ultrasound in Medicine (*AIUM*)
  - Advance Minimally Invasive Gynecology (*AAGL*)
  - University of Iowa Obstetrics and Gynecologic Alumni Society
  - Iranian American Medical Association (*IAMA*)
  - Charity Foundation for Special Disease (*CSFD*)
  - Associated of Professors and Scholars of Iranian Heritage (*APSIH*)
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## Executive Committee / Scientific Advisory:

- Moderator of the Epidemiology and Global Health at the 66<sup>th</sup> Annual Scientific Meeting of the Society for Reproductive Investigation (SRI). Paris, France; March 12-16, 2019.
- Judge/Discussant at the 66<sup>th</sup> Annual Scientific Meeting of the Society for Reproductive Investigation (SRI). Paris, France; March 12-16, 2019.
- Co-Leader of the Scientific Committee of Placenta Accreta for the Society of Maternal-Fetal Medicine from 2017-2019.
- Placenta Accreta Spectrum Task Force Conference (SMFM/ACOG/AIUM/ISUOG/ACR/GOHO/SRU)- Representative from SMFM- December 12-13, 2018.
- Abstract Reviewer for the 22nd International Conference on Prenatal Diagnosis and Therapy, 8-11 July 2018, Antwerp, Belgium.
- Judge/Discussant at the 65<sup>th</sup> Annual Scientific Meeting of the Society for Reproductive Investigation (SRI). San Diego, CA; March 6-10, 2018.
- Abstract Reviewer for the 65<sup>th</sup> Annual Scientific Meeting of the Society for Reproductive Investigation (SRI). San Diego, CA; March 6-10, 2018.
- Scientific Committee, International Fetal Medicine and Surgery Society (IFMSS), annual meeting 2016.

- International expert committee of invasive placentation (IP). The goal of this project is to develop clear and comprehensive clinical guidelines for IP, 2015.
- Executive Committee, scientific advisory board, *First International congress on complication of thalassemia in adolescents*, Tehran University of Medical Science, 2-4 May 2002.
- Executive committee, *New Horizons in Education and Treatment of Diabetes*, Organized by: Endocrinology and Metabolism Research Center, Ministry of Health and Medical Research, International Diabetes Federation, 16-17 May 2001.
- Executive committee, *Congress of Hepatitis and Special Disease*, Baghiatollah University of Medical Disease, 7-8 March 2001.
- Executive committee, scientific advisory board, *International seminar on thalassemia update (Molecular genetics and therapeutic aspects)*, 4-5 November 2000.
- Executive committee, *International seminar on genetic disorders in special disease*, Tehran, Iran. Organized by: Charity Foundation for Special Disease, Cyprus Institute of Neurology and Genetics, Iranian Society of Neurosurgery, 2-3 March 2000.

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## Consulting / Advisory Positions:

- PeriBank Governance Board Members; 2019-present
- Texas Children's Hospital: Center of Excellent Committee; 2018-present
- Baylor College of Medicine: Selection Committee - Early Career and Star Awards; 2017-2021.
- Texas Children's Fetal Center: Spina Bifida Tactics Group; 2017-present
- Texas Children's Fetal Center: Congenital Diaphragmatic Tactics Group; 2017-present
- Texas Children's Fetal Center: Congenital Lower Urinary Tactics Obstruction Group; 2017-present
- Texas Children's Fetal Center: Intra-uterine blood products transfusion Group; 2017-present
- Maternal Fetal Medicine Fellow Selection Committee- Baylor College of Medicine; 2014- present
- Obstetrics and Gynecology Residency Selection Committee- Baylor College of Medicine; 2017- present

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## Editorial Board:

- Iranian Journal of Pediatric Surgery
- Iranian Journal of Surgery

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## Peer Reviewer:

- Obstetrics and Gynecology
- American Journal of Obstetrics and Gynecology
- Journal of Ultrasound in Medicine
- Prenatal Diagnosis
- American Journal of Perinatology

- Ultrasound in Obstetrics and Gynecology
  - Fetal Diagnosis and Therapy
  - Journal of Maternal Fetal and Neonatal Medicine
  - Acta Obstetrica et Gynecologica Scandinavica
  - Journal of Obstetrics and Gynecology
  - Minera Ginecologica
  - The Journal of Obstetrics and Gynaecology Research
  - Journal of Assisted Reproduction and Genetics
  - Journal of Gynecologic Oncology
  - American Journal of Kidney disease
  - British journal of Haematology
  - Journal of Medicine and Medical Sciences
  - Iranian Journal of Pediatrics
  - OMICS Publishing group
  - Turkish Journal of Family Medicine & Primary Care
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