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## ABDELAZIZ A. SALEH, M.D., Ph.D., FACOG

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### TITLE

Maternal Fetal Medicine specialist, Cleveland Clinic, Cleveland, Ohio  
Clinical professor of Obstetrics and gynecology at Ohio University and NEOMED, Ohio, USA  
Maternal Fetal specialist at Akron Children and Akron City Hospitals, Akron, Ohio

### ADDRESS

Office  
Akron Children Hospital  
215 Bowery Street  
Suite 5500  
Akron Ohio, 44308

### LICENSURE

1987- Present	State of Illinois
1989- Present	State of Michigan
1978- Present	State of Ohio
2005- Present	State of Pennsylvania
2014 – Present	

### BOARD CERTIFICATION

1995 - March	Certified - American Board of Obstetrics and Gynecology Division of Maternal Fetal Medicine Recertified till December 2013
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1993 - November Certified - American Board of Obstetrics and Gynecology  
Recertified till December 2013  
1987 - June FLEX (Federal Licensing Examination)  
1984 - July ECFMG certification

## **EDUCATION**

December, 2018 Newberg seminary and College of the Bible  
Newberg  
Indiana  
Biblical studies  
Ph.D

March 1986 Wayne State University  
Detroit, Michigan  
Physiology (major)  
Ph.D.

December 1980 Ain Schams University  
Cairo, Egypt  
Obstetrics and Gynecology (major)  
M.Sc.

December 1976 Ain Schams University  
Cairo, Egypt  
M.D.

## **TRAINING**

1990-1992 Maternal-Fetal Medicine Fellowship  
Wayne State University/Hutzel Hospital  
Detroit, Michigan

1986-1990 Obstetrics and Gynecology Residency  
North Oakland Medical Center (Pontiac General Hospital)  
Pontiac, Michigan

1978-1981 Obstetrics and Gynecology Residency  
Ain Schams University Hospitals  
Cairo, Egypt

1977-1978 House Officer:  
Ain Schams University Hospitals  
Cairo, Egypt

## MEDICAL STAFF APPOINTMENTS

2016- Present	Akron General Hospital, Akron, Ohio
2019- Present	Akron City (Summa) Hospital, Ohio
2019- Present	Akron Children Hospital, Ohio
2010- present	Cleveland Clinic, Cleveland, Ohio
2008- present	Fairview Hospital, Cleveland, Ohio
2005- 2008	St Vincent Hospital, Toledo, Ohio
2007- 2008	St Charles Hospital, Toledo, Ohio
2000- 2005	Hurley Medical Center, Flint, Michigan
1990-2000	St. Joseph's Hospital, Pontiac, Michigan
1994-2000	Henry Ford Hospital, Detroit, Michigan
1990-1994	Hutzel Hospital, Detroit, Michigan
1990-1994	Detroit Receiving Hospital, Detroit Michigan
1990-1994	Grace Hospital, Detroit, Michigan
1990-1998	North Oakland Medical Center (Pontiac General Hospital), Pontiac, Michigan
1990-1994	Children's Hospital of Michigan, Detroit, Michigan

## HOSPITAL APPOINTMENTS:

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DIRECTOR OF THE FETLA TESTING UNIT, GRACE HOSPITAL, DETROIT, MI: 1992 TO 1994

DIRECTOR OF MATERNAL FETAL MEDICINE, ST JOSEPH MERCY HOSPITAL, PONTIAC MICHIGAN: 1994- 2000

SITE DIRECTOR OF THE OBGYN RESIDENCEY PROGRAM, ST JOSEPH MERCY HOSPITAL, PONTIAC MICHIGAN: 1997- 2000

DIRECTOR OF MATERNAL FETAL MEDICINE, HURLEY MEDICAL CENTER, FLINT, MI: 2000-2005

DIRECTOR OF MATERNAL FETAL MEDICINE, ST VINCENT HOSPITAL, TOLEDO OHIO: 2005-2008

CHAIRMAN OF OBGYN DEPARTMENT, MEDINA HOSPITAL, CLEVELAND CLINIC FOUNDATION, CLEVELAND OHIO: 2012- 2017

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## FACULTY APPOINTMENTS

2012- 2019	Clinical professor of surgery, Lerner College of medicine of The Cleveland Clinic and Case Western Reserve
2015- Present	Clinical professor of obstetrics and gynecology, Ohio University
2019- Present	Clinical professor of obstetrics and gynecology North East Ohio medical college (NEONED)
2000 – 2007	Associate Professor of OB/GYN, Michigan State University
1995-2000	Clinical Professor Michigan State University College of Osteopathic Medicine East Lansing, Michigan
1992-1994	Assistant Professor of Obstetrics and Gynecology; Wayne State University School of Medicine, Detroit, Michigan

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## COMMITTEE APPOINTMENTS

2010- 2017	Chairman of Obstetric and Gynecology quality committee Medina hospital, Cleveland Clinic
2019- Present	Member of obstetric and gynecology quality /Peer review Akron Ciry OBGYN dept
2019- Present	Member of Peer Review committee, Akron Children MFM <b>department</b>
2005- 2008	Perinatal oversight committee, St Vincent Hospital
2005- 2008	Perinatal Practice committee, St Vincent Hospital
2007- 2008	Women services committee, Mercy Children Hospital
2007- 2008	Perinatal clinical advisory team, Mercy Health Partners Corporation, Ohio
2003 – 2005	OB Performance Improvement Committee, Hurley Hospital
2002 –2005	Operating Room Committee, Hurley Hospital
2000 –2005	Resident Education Committee, Hurley Hospital
2000 –2005	Medical Services Committee, Hurley Hospital
1995-2000	Assistant Professor of Obstetrics & Gynecology Case Western Reserve, Cleveland, Ohio
1994-2000	Clinical Assistant Professor - Wayne State University
1996-2000	Residency Program Co-Director Department Obstetrics & Gynecology, St. Joseph Mercy Hospital Pontiac, Michigan
1996-2000	Programs Directors Committee

1996-2000	St. Joseph Mercy Hospital Institutional Coordinating Committee
1995-2000	St. Joseph Mercy Hospital Department Obstetrics & Gynecology Advisory Committee
1995-2000	St. Joseph Mercy Hospital Medical Staff Quality Assurance Committee
1995-2000	St. Joseph Mercy Hospital Obstetrical Quality Assurance Committee--Chairman
1995-2000	St. Joseph Mercy Hospital Director, Maternal Fetal Medicine
1995-2000	St. Joseph Mercy Hospital, Pontiac, Michigan Specialty Ambulatory Care Co-Coordinator, Michigan State University, East Lansing, MI
1994-2000	Active Staff Perinatologist, St. Joseph Hospital
1994-2000	Active Staff Perinatologist, Henry Ford Hospital
1993-1994	Director of Center for Fetal Imaging and Therapy; Grace Hospital
1992-1994	Director of Ob/Gyn Research; Grace Hospital
1992-1994	Director of Medical Student Education; Ob/Gyn Department, Grace Hospital
1990-1992	Clinical Instructor of Obstetrics and Gynecology; Wayne State University School of Medicine, Detroit, Michigan
1981-1982	Clinical Instructor of Obstetrics and Gynecology; Alazhar and Menoufia Universities School of Medicine, Cairo, Egypt

## MAJOR PROFESSIONAL SOCIETIES

1996 – present	Senior Member, American Institute of Ultrasound in Medicine
1996 - Present	Member, Society of Maternal Fetal Medicine
1994 - Present	Fellow, American College of Obstetrics and Gynecology
1991 - 1996	Associate Member, Society of Perinatal Obstetricians
1991 - 2000	Member, New York Academy of Science
1991 - 1996	Member, American Institute of Ultrasound in Medicine
1989- 2000	American Medical Association

## HONORS AND AWARDS

- 1967-1970    Excelled High School Educational Program Grades 9-12
- 1970-1976    Outstanding Annual Student Award  
Ain Shams University Medical School
- 1982-1984    Peace Fellowship Award  
Egyptian and American Governments
- April 1987    First & Second Prize  
Pontiac General Hospital Research Forum, Pontiac, Michigan
- May 1987     First Prize Resident's Day  
Michigan Section of the American College of Obstetricians & Gynecologists  
Wayne State University, Detroit, Michigan
- June 1987    First Prize  
Annual Oakland Health Education Program Research Forum  
Providence Hospital, Southfield, Michigan
- June 1987    The Donald Dawson Medallion for Excellence in Research  
Providence Hospital, Southfield, Michigan
- Sept. 1987    The Ephraim McDowell Award  
Outstanding Junior Fellow Scientific Paper  
The American College of OB/GYN, District V Meeting Indianapolis, Indiana
- 1987, 1988    The James W. Gell Award, Excellence in Obstetrics and Gynecology
- 1989, 1990    Pontiac General Hospital, Pontiac, Michigan
- April 1989    First and Third Prize  
Pontiac General Hospital Research Forum, Pontiac, Michigan
- April 1991    First Prize  
Pontiac General Hospital Research Forum, Pontiac, Michigan
- April 1992    First Prize  
Grace Hospital Annual Research Day, Detroit, Michigan
- April 1992    Second Prize  
Pontiac General Hospital Research Forum, Pontiac, Michigan

- June 1992      Second and Third Prize  
Annual Oakland Health Education Research Forum, Meadow Brook  
Rochester, Michigan
- May 1993      First, second, third, fourth prizes  
Hutzel Hospital Resident's Research Day, Hutzel Hospital, Detroit, Michigan
- May 1993      Second and third prizes  
Grace Hospital Research Day, Detroit, Michigan
- May 1993      First prize  
Pontiac General Hospital Pontiac Research Forum, Pontiac, Michigan
- June 1993      Second and third prizes  
Annual Oakland Health Education Research Day  
Meadowbrook, Rochester, Michigan
- June 1994      Second Prize  
Hutzel Hospital Research Day, Detroit, Michigan
- June 1994      First prize  
Henry Ford Hospital Research Day, Detroit, Michigan
- May 1995      Second prize  
North Oakland Medical Center, Pontiac Research Forum  
Pontiac, Michigan
- June 1995      Second prize  
North Oakland Medical Center, Annual Oakland Health  
Education Research Day, Pontiac, Michigan
- June 1995      First prize  
Henry Ford Hospital Research Day  
Detroit, Michigan
- June 2000      Outstanding academic teaching excellence, St Joseph Mercy Oakland  
and Pontiac Osteopathic Hospital, Pontiac, Michigan
- 2001            One Apple award for excellence in patient care  
Hurley Medical Center  
Flint, Michigan
- 2002            Two Apple awards for excellence in patient care  
Hurley Medical Center  
Flint, Michigan

- 2003 One Apple award for excellence in patient care  
Hurley Medical Center  
Flint, Michigan
- 2015- 2019 Top Doctor in Maternal fetal Medicine : Cleveland magazine**
- 2018 ACOG (CREOG) national teaching Award**

## TEACHING

- Case Western Reserve and Lerner medical schools  
2010- 2019
- Michigan State University, Associate Professor  
2000-2007
- Wayne State University
  - 1983-1986 Teaching assistant of Physiology
  - 1990-1992 Clinical instructor of Ob/Gyn
  - 1992-present Clinical Assistant professor of Ob/Gyn and Maternal-Fetal Medicine,
- Other institutions:
  - 1985-1986 Biology Instructor, University of Detroit, Detroit, Michigan
  - 1985-1986 Physiology instructor-Henry Ford Hospital  
Certified Registered Nurses (CRNA)  
Anesthesia program courses:  
Respiratory Physiology  
Cardiovascular Pathophysiology  
Endocrinology and Pathophysiology
- Courses taught at Wayne State University
  - Basic Sciences review course for Ob/Gyn Residents
- Research projects directed:
  - 1992 - AR Munkarah (Chief Ob/Gyn Resident, Wayne State University):  
Maternal and Neonatal Platelet, Physiology
  - 1992 - L Danz (Chief Ob/Gyn Resident, Wayne State University):  
Hemostasis in Ectopic Pregnancy
  - 1991 - N Brockbank (Chief Ob/Gyn Resident, Pontiac General Hospital):  
Sex Hormones and Hemostasis
  - 1992 - MA Stowers (Chief Ob/Gyn Resident, Pontiac General Hospital):  
Maternal and Neonatal Hemostatic Correlations
  - 1992 - R Nielson (PGY III, Pontiac General Hospital):  
The Effect of Mode of Delivery on Neonatal Hemostasis
  - 1993 - D Stone (PGY IV, Wayne State University):  
Activation of Hemostasis in Ectopic Pregnancy
  - 1993 - C Kowalczyk (PGY IV, Wayne State University):  
Hemostasis and Hormonal Replacement Therapy
  - 1993 - F Bowman (Chief Ob/Gyn Resident, Wayne State University):  
Septic Pelvic Thrombophlebotics in Obstetrics



- 1993 - T VanHeest (Chief Ob/Gyn Resident, Wayne State University):  
Hemostasis and Norplant
- 1993 -D Stockwell (PGY IV, Pontiac General Hospital):  
Platelet Physiology in Women Using Hormonal Contraception
- 1994 - J Lanouette (PG IV, Wayne State University):  
Hemostasis in Normal Pregnancy, Labor, and Puerperium
- 1994 - J Kuzel (PG IV, Wayne State University):  
Hemostasis in Abnormal First Trimester
- 1994 - R C Wallin (PG IV, Henry Ford Hospital):  
Laparoscopic Surgery For Urinary Stress Incontinence
- 1994 - S. Reddy (PG IV, Henry Ford Hospital):  
PAF - AH in Endometriosis
- 1995 - J. Choi (PGIV, North Oakland Medical Center):  
Norplant and Glucose Tolerance
- 1995 - J. Bass (PGI2, Wayne State University):  
Fibrinolysis in Amniotic Fluid, 1995
- 1995 - J. Montana (PGIII, Emergency Medicine, Grace Hospital  
Wayne State University  
PAI-2 Levels in Abnormal First Trimester Pregnancies
- M. Khater (PGI2, North Oakland Medical Center):  
Family Medicine Hemostasis in Norplant Users

## **LABORATORY EXPERIENCE**

- January-  
July 1980 Gynecologic Cytology at Dr. M.B. Sammour's Laboratory.  
Ain Shams University, Cairo, Egypt
- 1983-1986 Dr. Eberhard F. Mammen's Coagulation Laboratory.  
Wayne State University School of Medicine, Detroit, Michigan  
Studies: Platelet Functions,  
Automated Enzymatic Assays and RIA of Molecular Markers of Hemostasis

## **PUBLICATIONS**

### **Theses:**

1. Saleh AA: Cytological evaluation of ovarian function after hysterectomy. M.Sc. Thesis, Ain Shams University School of Medicine, Cairo, Egypt, December 1980.
2. Saleh AA: Use of molecular markers to diagnose disseminated intravascular coagulation in pregnancy induced hypertension. Ph.D. Thesis, May, 1986.
3. Saleh AA: The new covenant as compared to the old covenant. PhD thesis in biblical studies., December 2018. Newberg seminary and College of the Bible, Newberg, Indiana.

### **Refereed Journals:**

1. Saleh AA, Bottoms SF, Welch RA, Ali AM, Mariona FG and Mammen EF: Preeclampsia, delivery and the hemostasis system. *Am J Obstet Gynecol* 157:331-336, 1987.
2. Bhatia RK, Bottoms SF, Saleh AA, Norman GS, Mammen EF and Sokol RJ: Mechanisms for reduced colloid osmotic pressure in preeclampsia. *Am J Obstet Gynecol* 157:106-108, 1987.
3. Saleh AA, Bottoms SF, Norman GS, Farag AM and Mammen EF. Hemostasis in hypertensive disorders of pregnancy. *Obstet Gynecol* 71:719, 1988.
4. Saleh AA, Gerbasi FR, Mammen EF, Farag A: Increased platelet activation in preterm labor. *Thromb Res* 65:475, 1992.
5. Saleh AA, Bottoms SF, Farag AM, Dombrowski MP, Welch RA, Norman GS, Mammen EM. Markers for endothelial injury, clotting and platelet activation in preeclampsia. *Arch Gynecol Obstet* 251: 105, 1992.
6. Dombrowski MP, Saleh AA, Berry SM, Cotton DB. Perinatal outcome with sonographically thin placenta. *The Journal of Maternal Fetal Medicine*. 1:137, 1992.
7. Dombrowski MP, Wolfe HM, Brans YW, Saleh AA, Sokol RJ: Neonatal morphometry: Relation to obstetric, pediatric and menstrual estimates of gestational age. *The American Journal of Diseases of Children*. 146:852, 1992.
8. Dombrowski MP, Wolfe HM, Saleh AA: The Sonographically Thick Placenta: A predictor of increased perinatal morbidity and mortality. *Ultrasound in Obstet. Gynecol* 2:1, 1992.
9. Saleh AA, Ozawa T, Dombrowski MP, Isada NB, Johnson MP, Evans MI, Bottoms SF, Mammen EF: Amniotic fluid platelet factor 4 and beta-thromboglobulin. *Fetal Diagn. Ther.* 8(3):166-169, 1993

10. Saleh AA, Ozawa T, Isada NB, Johnson MP, Dombrowski MP, Treadwell M, Evans MI, Mammen EF: Significance of amniotic fluid platelet factor 4 and beta-thromboglobulin as markers of structural abnormalities. *Fetal Diagn. Ther.* 8(3):176-179, 1993
11. Saleh AA, Isada NB, Johnson MP, Sokol RJ, Dombrowski MP, Evans MI. Amniotic fluid acetylcholinesterase is found in gastroschisis but not omphalocele. *Fetal Diagn. Ther.* 8(3):169-172, 1993
12. Saleh AA, Stowers MA, Eldridge DM, Dorey LG, Hirokawa S, Dombrowski MP, Bottoms SF, Cotton DB, Mammen EF: Maternal and neonatal hemostatic correlation. *Thromb Res.* 68: 425, 1992
13. V Montgomery-Rice, G Richard-Davis, AA Saleh, K Ginsburg, EF Mammen, K Moghissi, R Leach. Fibrinolytic parameters in women undergoing ovulation induction. *Am J Obstet Gynecol* 169:1549-53, 1993
14. AA Saleh, LG Dorey, MP Dombrowski, J Hirata, K Ginsburg, S Hirokawa, C Kowalczyk, SF Bottoms, DB Cotton, EF Mammen. Thrombosis and hormonal replacement therapy in postmenopausal women. *Am J Obstet Gynecol* 169:1554-7, 1993
15. Saleh AA, Bottoms SF, Gerbasi RF, Mammen EF. Hemostasis and diagnosis of preeclampsia. *Thromb Res.* 75:163-171, 1994.
16. Dombrowski MP, Berry SM, Hurd WW, Saleh AA, Chik L, Sokol RJ: Gestational age independent model of birth weight based on placental size. *Biology of the neonate.* 66:56-64, 1994.
17. Dombrowski MP, Berry SM, Johnson MP, Saleh AA. Birth Weight/Length Ratio, Ponderal Index, Placental Weight, and Birth Weight/Placenta Ratio. *Archives of pediatrics and adolescent medicine.* 148:508-512, 1994.
18. AA Saleh, MW Church, JM Johnston, EL Abel, DB Cotton, RJ Sokol. The effect of alcohol of platelet-activating factor acetylhydrolase activity in pregnant and non-pregnant mice. *Alcohol Clin and Exp Res.* 18:1009-1012, 1994.
19. AA Saleh, PG Pryde, NB Isada, MP Johnson, MI Evans, RJ Sokol, B Zhao, JM Johnston. Platelet activating factor-acetylhydrolase (PAF-AH) following chorionic villus sampling and amniocentesis. *Journal of Society of Gynecol Invest.* 1:135-7, 1994.
20. AA Saleh, LG Dorey, S Hirokawa, MP Dombrowski, J Hirata, EF Mammen. Fibronectin in estrogen replacement therapy. *Thromb. Res.* 75:319-22, 1994.
21. Sowers JR, Saleh AA, Sokol RJ: Mid-gestational hyperinsulinemia and development

- of preeclampsia. *Am J Hypert.* 8:1-4, 1995.
22. AA Saleh, KA Ginsburg, TA Duchon, LG Dorey, J Hirata, R Ashameeri, MP Dombrowski, EF Mammen. Hormonal contraception and platelet functions. *Thromb. Res.* 78:363-367, 1995.
  23. MP Dombrowski, SF Bottoms, WW Hurd, AA Saleh, R Romero. Third Stage of Labor: Analysis of duration and clinical practice. *Am J Obstet Gynecol* 172:1279-84, 1995.
  24. L Kowalezyk, AA Saleh, RE Leach, A Dory, FD Yelian, EF Mammen. Plasminogen Activator Inhibitor – 2 Levels in Normal First Trimester Pregnancy and in Ectopic Pregnancy. *Journal of Gynecologic Technique* . 5: 83- , 1999.
  25. M N Akl, AA Saleh. Sirenomelia in a monoamiotic twin. A case report. *Journal of reproductive medicine* : 138-140, 2006.

#### **Book Chapter:**

1. Cowles T, Saleh AA, Cotton DB. Hypertensive Disorders of Pregnancy. In *High Risk Pregnancy Management Options - D.K. James, PJ Steer, CP Weiner and B Gonik (Editors)*. W.B. Sanders Company, London, Philadelphia. 1994, pp 253-276.

#### **Book Reviews:**

1. Saleh AA and Hafez ESE: *Monographs on Endocrinology*. Vol. 21: *Hormones in Human Amniotic Fluid*. (Ed) Schindler AE, Springer-Verlag, Berlin, Heidelberg and New York, 1982. *Contracept Deliv Syst* 4:161-162,1983.
2. Saleh AA and Hafez ESE: *Monographs on Endocrinology*, Vol. 23: *Prolactin: Physiology, Pharmacology and Clinical Findings*. (Eds) Fluckiger E, Del Pozo E, von Werden K, Springer-Verlag, Berlin, Heideiberg, New York,1982. *Contracept Deliv Syst* 4:162,1983.

#### **Review Articles**

1. Saleh AA, Eden RD. Management of postdate pregnancy. *The Journal of Clinical Practice in Sexuality*. 7:8-16,1991.

#### **Miscellaneous**

1. Bhatia RK, Saleh AA, Bottoms SF and Mammen EF: Elevated fibronectin levels and preeclampsia. Letter to the Editor. *Am J Obstet Gynecol* 160:1022,1989.
2. Saleh AA, Fahey KG, Farag AM Bottoms SF and Mammen EF Letter to the Editor. *Gynecol Obstet Invest* 30:64,1990.

#### **PUBLISHED ABSTRACTS**

1. Saleh AA, Bottoms SF, Brown JM, Mammen EF, Farag AM, Welch P.A, Mariona FG and Hosni M: Pregnancy induced hypertension and hemostasis. *Blood* 66:1193A,1985.
2. Saleh AA, Bottoms SF, Farag AM, Mammen EF, Hosni M and Ali AM: Pregnancy induced hypertension and hemostasis. *Blood* 66:327a (Suppl D),1985.
3. Saleh AA, Farag AM, Bottoms SF, Mammen EF, Hosni M and Ali A: Selected hemostasis parameters in pregnancy and hypertension. XIth International Society for Thrombosis and Hemostasis, Brussels, Belgium, Abst. # 1485,1987.
4. Saleh AA, Bottoms SF, Norman GS, Farag AM and Mammen EF: Hemostasis in hypertensive disorders of pregnancy. *Bulletin of Oakland County Medical Society*, Volume LXI, No.9, pp. 13-14,1987.
5. Saleh AA, Fahey KG, Farag AM, Mammen EF and Bottoms SF: Intravenous ritodrine therapy and platelet activation. The American Physiological Society and Pharmacological Society combined meeting. Montreal, Canada, October 1988. *The Pharmacologist* 30:AS7,1988.
6. Saleh AA, Bottoms SF, Gerbasi F, Mammen EF: Hemostasis and diagnosis of preeclampsia. Society of Perinatal Obstetricians 11th Annual Clinical Scientific and Business meeting - San Francisco, California, February 1991. *Am J Obstet Gynecol*, 1991;164:274.
7. Dombrowski MP, Wolfe HM, Saleh AA, Evans MI: Sonographically thick placentas: Increased perinatal morbidity and mortality. Society of Perinatal Obstetricians 12th Annual Clinical Scientific and Business meeting - Orlando, Florida, February 1992. *Am J Obstet Gynecol* 1992; 166:325.
8. Dombrowski MP, Wolfe HM, Brans YW, Saleh AA, Sokol RJ: the post-term placenta: small or not? Society of Perinatal Obstetricians 12th Annual Clinical Scientific and Business meeting - Orlando, Florida, February 1992. *Am J Obstet Gynecol* 1992; 166:370.
9. Dombrowski MP, Wolfe HM, Brans YW, Saleh AA, Sokol RJ: Menstrual dating- now an inadequate estimator of gestational age. Society of Perinatal Obstetricians

- 12th Annual Clinical Scientific and Business meeting - Orlando, Florida, February 1992. *Am J Obstet Gynecol*, 1992; 166:420.
10. Dombrowski MP, Saleh AA, Berry SM, Cotton DB: Perinatal outcome with sonographically thin placentas. Society of Perinatal Obstetricians 12th Annual Clinical Scientific and Business meeting Orlando, Florida, February 1992. *Am J Obstet Gynecol*, 1992; 166:325.
  11. Saleh AA, Isada NB, Johnson MP, Evans MI, Ozawa T, Dombrowski MP, Treadwell M, Mammen EF: Significance of amniotic fluid platelet factor 4 and thromboglobulin in genetic amniocentesis. Society of Perinatal Obstetricians 12th Annual Clinical Scientific and Business meeting - Orlando, Florida, February 1992. *Am J Obstet Gynecol*, 1992; 166:350.
  12. Saleh AA, Ozawa T, Dombrowski MP, Isada NB, Johnson MP, Evans MI, Blessed W, Bottoms SF, Mammen EF: Amniotic fluid platelet 4 and beta-thromboglobulin do not predict lung maturity. Society of Perinatal Obstetricians 12th Annual Clinical Scientific and Business meeting - Orlando, Florida, February 1992. *Am J Obstet Gynecol*, 1992, 166:381.
  13. Saleh AA, Isada NB, Johnson MP, Sokol RJ, Dombrowski MP, Evans MI: Amniotic fluid acetylcholinesterase (ACHE) found with gastroschisis but not omphalocele. Society of Perinatal Obstetricians 12th Annual Clinical Scientific and Business meeting - Orlando, Florida, February 1992. *Am J Obstet Gynecol*, 1992, 166:349.
  14. Sowers JR, Saleh AA, Niyogi T, Standley P, Bottoms SF, Norman GS, Zemel MB, Zemel PC, Johnson BB, Sokol RJ: Mid-gestational hyperinsulinemia and development of preeclampsia. Society of Perinatal Obstetricians 12th Annual Clinical Scientific and Business meeting - Orlando, Florida, February 1992. *Am J Obstet Gynecol*, 1992; 166:294.
  15. AA Saleh, MA Stowers, DM Eldridge, LG Dorey, MP Dombrowski, SF Bottoms, DB Cotton, EF Mammen. Increased thrombotic activity in the neonate. Society of Perinatal Obstetricians 13th Annual Clinical Scientific and Business meeting. San Francisco, California, February 1993. *Am J Obstet Gynecol* 1993, 168:366
  16. AA Saleh, JM O'Brien, AR Munkarah, MP Dombrowski, SF Bottoms, DB Cotton, EF Mammen. Maternal and neonatal platelet physiology. Society of Perinatal Obstetricians 13th Annual Clinical Scientific and Business meeting. San Francisco, California, February 1993. *Am J Obstet Gynecol* 1993, 168:328
  17. AA Saleh, R. Romero, S Hirokawa, B Yoon, R Gomez, Y Sorokin, EF Mammen. Beta-thromboglobulin levels in amniotic fluid of patients with intra-amniotic infections. The 34th Congress of the International Society on Thrombosis and Hemostasis - New York, NY, July 1993. *Thromb Haemostas THHADQ* 69(6):566 (1993) June 30, 1993

18. AA Saleh, S Hirokawa, MA Stowers, DM Eldridge, LG Dorey, MP Dombrowski, SF Bottoms, GM Kazzi, EF Mammen. Effect of mode of delivery on certain parameters of neonatal hemostasis. The 34th Congress of the International Society on Thrombosis and Hemostasis - New York, NY, July 1993. *Thromb Haemostas THHADQ* 69(6):1020 (1993) June 30, 1993
19. AA Saleh, TA Duchon, JS Hirokawa, LG Dorey, D Watson, GM Kazzi, VC Montgomery-Rice, R Leach, KA Ginsburg, EF Mammen. Hormonal contraception and molecular markers of hemostasis activation. The 34th Congress of the International Society on Thrombosis and Hemostasis - New York, NY, July 1993. *Thromb Haemostas THHADQ* 69(6):1058 (1993) June 30, 1993
20. AA Saleh, JM Johnston, PG Pryde, NB Isada, MP Johnson, MI Evans, RJ Sokol. Platelet activating factor acetylhydrolase (PAF-AH) activity following chorionic villus sampling (CVS) and amniocentesis. *Am J Obstet Gynecol* 1994,170:
21. J Lanouette, AA Saleh, MP Dombrowski, EF Mammen. The ontogeny of hypercoagulability in normal pregnancy and puerperium. *The Am J Obstet Gynecol* 1994,170:
22. AA Saleh, LG Dorey, CJ Lockwood, MP Dombrowski, EF Mammen. Selected parameters of fibrinolysis in the neonate. *The Am J Obstet Gynecol* 1994,170:
23. AA Saleh, D Eldridge, LG Dorey, MP Dombrowski, EF Mammen. Fibrinolysis In Term and Preterm Neonates. *The Am J Obstet Gynecol* 1995, 172:
24. AA Saleh, S Vats, JR Roberson, DL VanDyke, EF Mammen. Selected Parameter of Fibrinolysis in Trimester Amniotic Fluid. *The Am J Obstet Gynecol* 1996, 435:

## **PRESENTATIONS**

### **Internationally or Nationally:**

1. Hafez ESE and Saleh AA: Pathophysiology of Early Embryonic Loss. Presented at The International Symposium "The Pregnant Uterus." Debrecen, Hungary, October 1983.
2. Saleh AA, Bottoms SF, Welch R.A, Mariona FG, Hosni M, Ali AM and Mammen EF: Effects of Pregnancy Induced Hypertension and Delivery on Hemostasis. Presented before The American College of Obstetrics and Gynecology. New Orleans, May 1986.
3. Saleh AA, Bottoms SF, Farag AM, Dombrowski MP, Welch RA and Mammen EF: Markers for Endothelial Injury, Clotting and Platelet Activation in Pregnancy Induced Hypertension. Society for Gynecologic Investigations, 33rd. Annual Meeting, Toronto, Canada, p.86,1986.
4. Bhatia RK Saleh AA, Mammen EF and Bottoms SF: Mechanisms of Reduced Colloid Osmotic Pressure in PIH. Presented before The Society of Perinatal

- Obstetricians, Sixth Annual Clinical, Scientific and Business meeting, San Antonio, Texas, January-February, 1986.
5. Saleh AA, Bottoms SF, Farag AM, Mammen EF, Hosni M and Ali AM: Pregnancy Induced Hypertension and Hemostasis. 32nd. Annual Meeting of The International Committee on Thrombosis and Hemostasis, Jerusalem, Israel, 1986.
  6. Fahey KG, Saleh AA, Bottoms SF, Gonik CO and Leb DE: Progressive Renal Failures does not Preclude Multiple Successful Pregnancies. XIth. International Congress of Nephrology, Tokyo, Japan, July, 1990.
  7. Treadwell MC, Jones TB, Bottoms SF, Saleh AA, Mammen EF. Vitamin K dependent coagulation factors: Comparison of term and preterm levels. Presented at the 38th Annual Meeting of the Society for Gynecologic Investigations, San Antonio, Texas, March 22-24, 1991.
  8. Saleh AA, Brockbank N, Dorey LG, Ozawa T, Dombrowski MP, Bottoms SF, Cotton DB, Mammen EF: Molecular markers of hemostasis activation in oral contraception. Presented at the 39th Annual Meeting for the Society for Gynecologic Investigation, San Antonio, Texas, March 20, 1992
  9. Saleh AA, Fahey KG, Farag AM, Mammen EF and Bottoms SF. Intravenous ritodrine therapy and platelet activation. The American Physiological Society and Pharmacological Society combined meeting. Montreal, Canada, October 1988.
  10. Saleh AA, Bottoms SF, Gerbasi F, Mammen EF. Hemostasis and diagnosis of preeclampsia. Society of Perinatal Obstetricians 11th Annual Clinical Scientific and Business meeting - San Francisco, California, February 1991.
  11. Dombrowski MP, Wolfe HM, Saleh AA, Evans MI. Sonographically thick placentas: Increased perinatal morbidity and mortality. Society of Perinatal Obstetricians 12th Annual Clinical Scientific and Business meeting - Orlando, Florida, February 1992.
  12. Dombrowski MP, Wolfe HM, Brans YW, Saleh AA, Sokol RJ. The post-term placenta: small or not? Society of Perinatal Obstetricians 12th Annual Clinical scientific and Business meeting - Orlando, Florida, February 1992.
  13. Dombrowski MP, Wolfe HM, Brans YW, Saleh AA, Sokol RJ. Menstrual dating- now an inadequate estimator of gestational age. Society of Perinatal Obstetricians 12th Annual Clinical Scientific and Business meeting - Orlando, Florida, February 1992.
  14. Dombrowski MP, Saleh AA, Berry SM, Cotton DM. Perinatal outcome with sonographically thin placentas. Society of Perinatal Obstetricians 12th Annual Clinical Scientific and Business meeting - Orlando, Florida, February 1992.



15. Saleh AA, Isada NB, Johnson MP, Evans MI, Ozawa T, Dombrowski MP, Treadwell M, Mammen EF. Significance of amniotic fluid platelet factor 4 and thromboglobulin in genetic amniocentesis. Society of Perinatal Obstetricians 12th Annual Clinical Scientific and Business meeting - Orlando, Florida, February 1992.
16. Saleh AA, Ozawa T, Dombrowski MP, Isada NB, Johnson MP, Evans MI, Blessed W, Bottoms SF, Mammen EF. Amniotic fluid platelet 4 and beta-thromboglobulin do not predict lung maturity. Society of Perinatal Obstetricians 12th Annual Clinical Scientific and Business meeting - Orlando, Florida, February 1992.
17. Saleh AA, Isada NB, Johnson MP, Sokol RJ, Dombrowski MP, Evans MI. Amniotic fluid acetylcholinesterase (ACHE) found with gastroschisis but not omphalocele. Society of Perinatal Obstetricians 12th Annual Clinical Scientific and Business meeting - Orlando, Florida, February 1992.
18. Sowers JR, Saleh AA, Niyogi T, Standley P, Bottoms SF, Norman GS, Zemel MB, Zemel PC, Johnson BB, Sokol RJ. Mid-gestational hyperinsulinemia and development of preeclampsia. Society of Perinatal Obstetricians 12th Annual Clinical Scientific and Business meeting - Orlando, Florida, February 1992.
19. AA Saleh, MA Stowers, DM Eldridge, LG Dorey, MP Dombrowski, SF Bottoms, DB Cotton, EF Mammen. Increased thrombotic activity in the neonate. Society of Perinatal Obstetricians 13th Annual Clinical Scientific and Business meeting - San Francisco, California, February 1993.
20. AA Saleh, JM O'Brien, AR Munkarah, MP Dombrowski, SF Bottoms, DB Cotton, EF Mammen. Maternal and neonatal platelet physiology. Society of Perinatal Obstetricians 13th Annual Clinical Scientific and Business meeting - San Francisco, California, February 1993.
21. AA Saleh, LG Dorey, S Hirokawa, MP Dombrowski, J Hirata, DB Cotton, GM Kazzi, EF Mammen. Fibronectin in estrogen replacement. First International Symposium: Hormones and Hemostasis. Essen, Germany, October 1992.
22. AA Saleh, DC Kmak, S Hirokawa, PG Pryde, NB Isada, MP Johnson, MI Evans, MP Dombrowski, R Leach, D Delozier, DB Cotton, EF Mammen. Activation of hemostasis in ectopic pregnancy. Society for Gynecologic Investigation, 40th annual meeting - Toronto, Ontario, Canada, April 1993.
23. AA Saleh, S Hirokawa, LG Dorey, J Hirata, MP Dombrowski, SF Bottoms, DB Cotton, K Ginsburg, EF Mammen. Hemostasis and hormonal replacement therapy in postmenopausal women. Society for Gynecologic Investigation, 40th annual meeting - Toronto, Ontario, Canada, April 1993.
24. AA Saleh, PG Pryde, NB Isada, MP Johnson, MP Dombrowski, S Hirokawa, MI Evans, TM Duchon, DB Cotton, RJ Sokol, EF Mammen. Hemostatic effects of chorionic villus sampling (CVS) and amniocentesis. Society for Gynecologic Investigation, 40th annual meeting- Toronto, Ontario, Canada, April 1993.
25. AA Saleh, MW Church, JM Johnston, EL Abel, DB Cotton, RJ Sokol. The effect of

- alcohol on the metabolism of platelet-activating factor in pregnant and non-pregnant mice. Society for Gynecologic Investigation, 40th annual meeting - Toronto, Ontario, Canada, April 1993.
26. AA Saleh, TA Duchon, J Hirata, LG Dorey, P Klozik, R Alshameeri, DA Stockwell, MP Dombrowski, GM Kazzi, DB Cotton, DC Kmak, EF Mammen. Hormonal contraception and platelet physiology. Society for Gynecologic Investigation, 40th annual meeting - Toronto, Ontario, Canada, April 1993.
  27. V Montgomery-Rice, G Richard-Davis, S Hirokawa, AA Saleh, C Blacker, K Ginsburg, EF Mammen, K Moghissi, R Leach. Fibrinolytic parameters in women undergoing ovulation induction. Society for Gynecologic Investigation, 40th annual meeting - Toronto, Ontario, Canada, April 1993.
  28. AA Saleh, S Hirokawa, R Romero, BH Yoon, R Gomez, Y Sorokin, EF Mammen. Beta-thromboglobulin levels in amniotic fluid of patients with intra-amniotic infections. 14th Congress of the International Society on Thrombosis and Hemostasis, New York, New York, USA, July 5, 1993.
  29. AA Saleh, S Hirokawa, MA Stowers, DM Eldridge, LG Dorey, MP Dombrowski, SF Bottoms, GM Kazzi, EF Mammen. Effect of mode of delivery on certain parameters of neonatal hemostasis. 14th Congress of the International Society on Thrombosis and Hemostasis. New York, New York, USA, July 8, 1993.
  30. AA Saleh, TA Duchon, JS Hirokawa, LG Dorey, D Watson, GM Kazzi, VC Montgomery-Rice, R Leach, KA Ginsburg, EF Mammen. Hormonal contraception and molecular markers of hemostasis activation. 14th Congress of the International Society on Thrombosis and Hemostasis. New York, New York, USA, July 8, 1993.
  31. AA Saleh, JM Johnston, PG Pryde, NB Isada, MP Johnson, MI Evans, RJ Sokol. Platelet activating factor acetylhydrolase (PAF-AH) activity following chorionic villus sampling (CVS) and amniocentesis. Society of Perinatal Obstetricians 14th Annual Clinical Scientific and Business meeting - Las Vegas, Nevada, January 1994.
  32. J Lanouette, AA Saleh, MP Dombrowski, EF Mammen. The ontogeny of hypercoagulability in normal pregnancy and puerperium. Society of Perinatal Obstetricians 14th Annual Clinical Scientific and Business meeting - Las Vegas, Nevada, January 1994.
  33. AA Saleh, LG Dorey, CJ Lockwood, MP Dombrowski, EF Mammen. Selected parameters of fibrinolysis in the neonate. Society of Perinatal Obstetricians 14th Annual Clinical Scientific and Business meeting - Las Vegas, Nevada, January 1994.
  34. AA Saleh, CJ Lockwood, MI Evans, MP Dombrowski, RE Leach, MJ Paides, EF Mammen. Plasminogen activator inhibitor -2: A possible plasma marker for abnormal placentation. Society of Perinatal Obstetricians 14th Annual meeting. Hypertension in pregnancy special interest group - Las Vegas, Nevada, January 26, 1994.
  35. AA Saleh, TA Duchon, R Alshameeri, JE Whitty, EF Mammen. Magnesium Sulfate (MgSO<sub>4</sub>) improves platelet aggregation and release in patients with severe preeclampsia. Society for Gynecologic Investigation, 41st Annual meeting.

Chicago, Illinois, March 1994.

36. MJ Paidas, RN Taylor, H Schwartzman, AA Saleh, M Alvarez, CJ Lockwood. Third trimester fetal fibronectin (FFN) levels are associated with the development of pre-eclampsia (PE). Society for Gynecologic Investigation 41st Annual meeting. Chicago, Illinois, March 1994.
37. MJ Paidas, RN Taylor, H Schwartzman, AA Saleh, M Alvarez, CJ Lockwood. Third trimester type 1 and type 2 plasminogen activator inhibitor (PAI 1, PAI 2) levels are associated with pre-eclampsia. Society for Gynecologic Investigation 41st Annual meeting. Chicago, Illinois, March 1994.
38. GA Richard-Davis, AA Saleh, J Hall, R Leach, R Alshameeri, EF Mammen. Primary hemostasis whole blood platelet aggregation and release in controlled ovarian hyperstimulation (COH). Society of Gynecologic Investigation 41st Annual meeting. Chicago, Illinois, March 1994.
39. MP Dombrowski, SF Bottoms, WW Hurd, AA Saleh, R Romero. Third Stage of Labor: Analysis of duration and clinical practice. Society of Gynecologic Investigation 41st Annual meeting, Chicago, Illinois, March 1994.
40. LL Hall, MM Khater, AA Saleh, LG Dorey, G Richard-Davis, C Kowalczyk, R Leach, K Moghissi, T Vitrano, K Ginsburg, C Blacker. Molecular Markers of thrombosis and Fibrinolysis in Norplant Users Fiftieth Annual Meeting of the American Fertility Society. San Antonio, TX. November 1994.
41. C Kowalczyk, AA Saleh, RE Leach, A Doty, FD Yelian, EF Mammen. Plasminogen Activator Inhibitor - 2 Levels in Normal First Trimester Pregnancy and in Ectopic Pregnancy. Society of Gynecologic Investigations 42nd Annual Meeting. Chicago, IL. March 1995.
42. AA Saleh, D Eldridge, LG Dorey, MP Dombrowski, EF Mammen. Fibrinolysis in Term and Preterm neonates. Society of Perinatal Obstetricians 15th Annual Clinical Scientific and Business Meeting. Atlanta, GA. January 1995.

#### **Locally and Regionally:**

1. Saleh AA, Bottoms SF, Norman GS, Farag AM and Mammen EF: Hemostasis in Hypertensive Disorders of Pregnancy. Presented before Pontiac General Hospital Research Forum, Pontiac, Michigan, April, 1987; The Michigan Section of the American College of Obstetricians and Gynecologists (ACOG) at Wayne State University, Detroit, Michigan, May 1987; Oakland Health Education Program (OHEPI Research Forum at Providence Hospital, Southfield, Michigan, June, 1987; The Michigan Section of ACOG in Detroit, Michigan, April, 1987 and District V of ACOG in Indianapolis, Indiana, September, 1987.
2. Saleh AA: Platelet Physiology and Intravenous Ritodrine Therapy in Preterm Labor. Presented before the Michigan Section of ACOG in Detroit, Michigan, April, 1987.
3. Saleh AA: Lupus Anticoagulant. Pontiac General Hospital Grand Rounds, Pontiac,

Michigan, April, 1988.

4. Ataya K, Jarnett WR, Saleh AA, Fahey KG and Khaled A: Ovarian and Adrenal Vein Catherizations and Sampling may not Identify the Source of Androgen Excess. Presented before Pontiac General Hospital Research Forum, April 1989; Michigan Section of ACOG, Lansing, Michigan, May 1989; Oakland County Health Education Program Research Forum, May, 1989.
5. DeSimone M, Saleh AA, Hammond Y: Chemical Dependency Education for Family Practice Residents at an Urban Community Hospital. Presented before Pontiac General Hospital Research Forum, May, 1989; Oakland County Health Education Program Research Forum, May, 1989; The Association for Medical Education and Research in Substance Abuse (AMERSA), Rockville, Maryland, November, 1989.
6. Brockbank NR, Dorey L, Saleh AA, Mammen EF, Ozawa T: Sex hormones and hemostasis. Pontiac General Hospital Research Forum, Pontiac Michigan, April 1991.

#### Presentations

Prenatal diagnosis course, osteopathic residency programs in Ohio, 2005

Fetal monitoring course, Hurley Medical Center, Flint, MI 2000, 2001, 2002.

"Prenatal Diagnosis", St. Joseph Hospital, Macomb MI 2001.

"Ultrasound Review Course", Grand Rounds, Henry Ford Hospital, Detroit, MI. September 1996

"Management of DIC." Henry Ford Hospital, Detroit, MI. February 1995.

"Modern Obstetric Management of DIC." Oakwood Hospital, Dearborn, MI. December 1994.

"Management of DIC in Modern Obstetrics." Mercy Hospital, Detroit, MI. October 1994.

"Contemporary Management of DIC in Obstetrics." The Mount Sinai School of Medicine, Grand Rounds, New York, New York, October 6, 1993.

"Blood Coagulation and DIC in Hypertensive Disorders of Pregnancy"  
Keyser Hospital, San Francisco, California, February 12, 1993.

"Disseminated intravascular coagulopathy in obstetrics." The 55th Anniversary Symposium in Obstetrics and Gynecology, Department of Obstetrics and Gynecology, North Oakland Medical Center, Pontiac General Hospital Division, Pontiac, Michigan, September 11, 1993.

"Fetal Blood Sampling." Wayne State University. Grace Hospital Grand Rounds, December 18, 1991.

"Teenage Pregnancy." Wayne State University School of Medicine, March, 1991.

"How to Write a Research Proposal" Pontiac General Hospital, September, 1986.

"Platelet Function in Pregnancy Induced Hypertension." Pontiac General Hospital,

- Grand Rounds, Pontiac, Michigan, February, 1986.
- "Hemostasis and Pregnancy Induced Hypertension#" Pontiac General Hospital,  
Grand Rounds, Pontiac, Michigan, September, 1985.
- "Endocrine Regulations of Metabolism." Henry Ford Hospital, School of Anesthesia,  
Detroit, Michigan, June, 1985.
- "Applications and Misapplication of Multiple Regression in Analysis of Clinical Data."  
Department of Physiology, Wayne State University, Detroit, Michigan, June, 1985.
- "Endocrine and Metabolic Responses to Trauma." Henry Ford Hospital,  
School of Anesthesia, Detroit, Michigan, May, 1985.
- "The Hypothalamic Pituitary Adrenal Axis During Pregnancy." Department of Physiology,  
Wayne State University, Detroit, Michigan, December, 1984.

## **MEDIA PRESENTATIONS**

### **Newspaper Publications**

- |                   |  |
|-------------------|--|
| March 2003        | Neonatal Intensive Care opening, Hurley Medical Center<br>Flint, MI, The Flint Journal     |
| February 11, 2002 | "Middle School Sessions Hope to Help", The Flint<br>Journal, Flint, MI                     |
| February 11, 2002 | "Too Many Babies Gone—Baby Deaths tackled from<br>All sides", The Flint Journal, Flint, MI |
| May 13, 2001      | "Birth Expert Energizes Parents, Doctor", The Flint<br>Journal, Flint, MI                  |
| June 10, 2000     | "Yes Sir, That's Our Baby", The Flint Journal, Flint, MI                                   |
| June 8, 2000      | "Perinatologist Joins Hurley's Medical Staff", The Flint<br>Journal, Flint, MI             |
| December 17, 1995 | "Baby on Board", The Oakland Press, Pontiac, MI<br>Capital Cities Broadcasting,            |
| February 28, 1995 | "Life is a Miracle", Woman's World Magazine,<br>Bauer Publishing, Englewood Cliffs, NJ     |
| October 31, 1994  | "In-womb surgery delivers happy results", The Oakland Press<br>Capital Cities Broadcasting |

June 6, 1994 "Doctors deliver the answers about having multiple births"  
The Oakland Press, Pontiac, MI, Capital Cities Broadcasting

**Television Interviews**

Jul. 9, 2003 "Role of Perinatologist", TV12

Jun. 12, 2002 "Family Focus After 9/11", TV25

Jun. 2, 2002 "CMN Broadcast", TV12

May 19, 2002 "Saving Babies", TV12

Feb. 11, 2002 "First Blood Transfusion on Unborn Baby", TV5

Feb. 1, 2002 "New Legislation to Provide Health Care to Unborn Babies",  
TV5

Aug. 27, 2001 "Infant Mortality High Among African Americans", TV12

Jun. 3, 2001 "Role of Perinatologist", TV12

Apr. 22, 2001 "High Risk Pregnancy", TV12

Nov. 2000 "3-D Ultrasound", TV25

Jan., 3, 1997 "St. Joseph Mercy Oakland (Hospital) Performance in Obstetrics"

July 12, 1995 "Immunoglobulin injections for miscarriages", TV2

May 17, 1995 "Medications during childbirth", TV2