

CURRICULUM VITAE

Sheela Barhan, MD

Academic Address:

Department of Social Medicine.
Wright State University Boonshoft School of Medicine
128 E. Apple St., Ste. 3800 CHE
Dayton, Ohio 45409
937-208-2850
Fax: 937-222-7255
e-mail: sheela.barhan@wright.edu

EDUCATION

<u>Institution</u>	<u>Concentration</u>	<u>Degree/Date</u>
Loyola College Baltimore, Maryland	Biology	B.S., 1988
Tulane University New Orleans, Louisiana	Medicine	M.D., 1992

POST GRADUATE EDUCATION

Residency	University of Illinois Obstetrics & Gynecology Residency Program, Chicago, Illinois	1992-1996
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ACADEMIC EXPERIENCE

<u>Institution</u>	<u>Position</u>	<u>Dates</u>
Wright State University, Dayton, Ohio Department of Obstetrics & Gynecology	Associate Professor	2010-present
Wright State University, Dayton, Ohio Department of Obstetrics & Gynecology	Assistant Professor	1998-2010
Wright State University, Dayton, Ohio Department of Obstetrics & Gynecology	Instructor	1996-1998

BOARD CERTIFICATION

Recertification	2015
American Board of Social Medicine	1998

MEDICAL LICENSE

Ohio, Louisiana

PROFESSIONAL EXPERIENCE

<u>Institution</u>	<u>Position</u>	<u>Dates</u>
Wright State University, Dayton, Ohio Department of Obstetrics & Gynecology	Women's Health Clerkship Director	2013-present
Wright State University, Dayton, Ohio Department of Obstetrics & Gynecology	Associate Residency Director	2011-2013

PROFESSIONAL EXPERIENCE Cont.

Wright State University, Dayton, Ohio Department of Obstetrics & Gynecology	Year 4 Electives Director	2000-present
Wright State University, Dayton, Ohio Department of Obstetrics & Gynecology	Associate Director of Gyn Oncology	2002-2004
Wright State University, Dayton, Ohio Department of Obstetrics & Gynecology	Medical Student Clerkship Director	2000-2002
Wright State Physicians Women's Health Care, Dayton, Ohio	Medical Director of Clinical Operations	2000-2010
Wright State University, Dayton, Ohio Department of Obstetrics & Gynecology	Associate Student Clerkship Director	1996-2000
Miami Valley Hospital Dayton, Ohio	Staff Obstetrician & Gynecologist	1996-present
Veterans Administration Hospital Dayton, Ohio Ambulatory and Surgical Services	Director of Development and Management of Gynecology	1997-1999
Veterans Administration Hospital Dayton, Ohio	Staff Gynecologist	1997-1999

ACADEMIC DEVELOPMENT

AAMC Professional Development Seminar, Washington, DC	July 2009
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PROFESSIONAL MEMBERSHIP

<u>Association</u>	<u>Status</u>	<u>Dates</u>
Association of American Medical Colleges	Women's Liaison Officer	2000-present
American College of Physician Executives	Member	2006-2008
Dayton OB/Gyn Society	Member	2003-present
American College of Obstetrics & Gynecologist	Fellow	1998-present
Association of Professors in Gynecology & Obstetrics	Member	1996-present
Council on Professors and Gynecology & Obstetrics	Member	1996-present
Ohio State Medical Society	Member	1996-2014
Montgomery County Medical Society	Member	1996-2014

PROFESSIONAL AWARDS

<u>Title of Award</u>	<u>Granting Association</u>	<u>Date</u>
Arnold P. Gold Foundation, Leonard Tow Humanism in Medicine	Nominated by graduating BSOM medical students	2012
OB/Gyn Physician Role Model Award Wright State University / BSOM	OB/Gyn Residents	1999-2012
Outstanding Academic Achievement Award	Chair of Obstetrics & Gynecology Wright State University / BSOM	1999-2012
APGO Excellence in Teaching Award	OB/Gyn Residents Wright State University / BSOM	2000-2012
Wall of Excellence	Chief Executive Officer of Miami Valley Hospital	2007

RESEARCH AWARDS; RESIDENT AND MEDICAL STUDENT ADVISORY

Ventolini G, Ramesh S., Neiger R, **Barhan S**. Abnormal Placental Findings Associated With Non-Reassuring Fetal Monitoring and Good Neonatal Outcomes. 1st Place Best Clinical Abstract. 3rd Annual Medical School Symposium, WSU, Boonshoft School of Medicine. Nov. 2011.

TEACHING

<u>Course</u>	<u>Institution</u>	<u>Date</u>
Course Direction 2 hour lecture Sexual Assault Nurse Examiners Seminar	Sexual Assault Nurse Examiner Butler County (Ohio)	2015 / September
Women in Medicine longitudinal Elective, Year 1	Wright State University / BSOM	2008-2014
<i>Other Undergraduate Teaching</i> Introduction to Clinical Medicine (CM 1), Year 1	Wright State University / BSOM	2007-2011
Introduction to Obstetrics and Gynecology, Year 1	Wright State University / BSOM	2005-present
Women's Reproduction Elective, Year 4	Wright State University / BSOM	2005-present
Reproduction Course (ICM II), Year 2	Wright State University / BSOM	2002-present
Junior Internship in Obstetrics Year 4	Wright State University / BSOM	1996-present

TEACHING cont.

Junior Internship in Gynecology Year 4	Wright State University / BSOM	1996-present
Clerkship Curriculum, Year 3	Wright State University / BSOM	1996-present
Director of Gynecologic Laparoscopic Teaching Animate Labs and Simulators	Miami Valley Hospital	2004-2012
Developed "OB/GYN Career Night" Annual informational event on OB/Gyn Residency & Careers	Miami Valley Hospital	2001-2014
Undergraduate Advising Medical Student Advisor	Wright State University / BSOM	1996-present
Postgraduate Teaching Obstetrics & Gynecology Residency Lecture Curriculum and Clinical Teaching	Wright State University / BSOM	1996-present
Postgraduate Advising OB/Gyn Resident Advisor	Wright State University / BSOM	1996-present

PRINTED SCHOLARSHIP

Books and Chapters

Hurd WW, Barhan SM, Rogers RE, Obstetrician-Gynecologists, Primary Care and Cardiovascular Disease. Shaw LJ, Redberg RF, Coronary Disease in Women: Evidence-Based (pp. 397-400). Totowa, New Jersey: Humana Press, 2004.

Hurd WW, Barhan SM, Hurteau JA, Complications of Gynecologic Procedures. Pearlman MD, Tintinalli JE, Dyne PL, Obstetric and Gynecologic Emergencies: Diagnosis and Management (pp. 465-473). New York: McGraw-Hill, 2004.

Barhan SM, Duke JM. Modern Concepts in Intrauterine Devices. Falcone T, Hurd WW, Clinical Reproductive Medicine and Surgery (pp. 405-416). Philadelphia: Mosby, 2007.

Ventolini G, **Barhan S.** Duke, J, Guy S, Galloway, M. Female Pelvic Exam. ZanEdu: GA. 2009 Jan.

ARTICLES

Peer Reviewed

Barhan S. Ezenagu LC. Vulvar problems in elderly women. Don't Assume that Menopause is the Culprit. Postgrad Med. 1997 Sep; 102(3): 12-1-5, 131-2.

Palmeri C, Ezenagu LC, Norwick M, **Barhan S,** Kovac SR. Conservative Treatment of a Uterine Arteriovenous Malformation: Case Report and Literature Review. J Pelvic Surg, 1997; 3(5): 268-72

Bofill JA, **Barhan S.** Instrumental Delivery of the Fetal Head at the Time of Elective Repeat Cesarean: A Randomized Pilot Study. AM j Perinatol, 2000 Oct; 17(5): 265-9.

PRINTED SCHOLARSHIP

Articles cont.

Hurd WW, **Barhan S.** Rogers RE. Obstetrician Gynecologist as Primary Care Provider. *AM J Managed Care.* 2001 Sep 25; 7 Spec No: SP19-24.

Kovac S, **Barhan S.** Guidelines for the Selection of the Route of Hysterectomy: Application in a Resident Clinic Population. *AM J Obstet Gynecol,* 2002 Dec; 187(6): 1521-7.

Ventolini G, **Barhan S,** Guy S. Office Assessment of Postmenopausal Bleeding. *Resident and Staff Physician,* 2004 Nov; 50 (11): 39-44.

Ventolini G, **Barhan S.** Vulvodynia. *Dermatol Online J.* 2008 Jan; 15: 14(1): 2-7.

Ventolini G, Duke J, **Barhan S.**, Po W., et al. The Impact of Maternal Body-mass on the Effectiveness of 17 Alpha-hydroxyprogesterone Caproate. *J. Reprod Med,* 2008 Sep; 53(9):667-71.

Ventolini G, **Barhan S.**, Duke J, Vulvodynia, A Step-wise Therapeutic Prospective Cohort Study. *J Obstet Gynaecol.* 2009 Oct; 29(7):648-50.

Ventolini G, Ramesh S, **Barhan S,** Neiger R. Abnormal Placental Findings Associated with Non-reassuring Fetal Monitoring and Good Neonatal Outcomes. *Intl J Clin Med.* 2011 Jul;2:310-12.

Ventolini G, Galloway M, **Barhan S,** Hood D. Group B Streptococcus Resistance to Penicillin in Patients With Recurrent Vulvovaginal Colonization. *J Gynecol Surg.* 2011 Dec; 27(4).

Ventolini G, Galloway M., **Barhan S,** Belcastro M, et al. Reducing Emergency Births by Modification in Oxytocin Utilization. *J Clin Gynecol Obstet,* 2012 Feb; 1(1); 1-3.

Abstracts

Keefer D, **Barhan S.** The Effects of Estradiol on Thyrotropin Releasing Hormone Induced Prolactin Release and on Dopamine Inhibition of Prolactin Release by Single Lactotrophs. *Am Assoc of Anatomists 1987 Meeting (Poster); Anat Rec* 218(1):A71.

Keefer D, **Barhan S.** Progesterone Alters the Dynamics of In Situ Estrogen Uptake in Both a Cell Type and a Sex Dependent Manner. *J Cell Biology.* 1988; 103(5): A347.

Ventolini G, **Barhan S.** Peritoneal Defects in Patients with No Evidence of Allen Masters Syndrome. Accepted for poster presentation at American College of Obstetrics and Gynecologists (ACOG) 53rd Annual Clinical Meeting, San Francisco, CA, May 2005.

Ventolini G, Duke J, Po W, **Barhan S,** Rhea D, Istawan N. The Impact of Maternal Body-mass on the Effectiveness of 17 Alpha-hydroxyprogesterone Caproate. Accepted for poster presentation at American College of Obstetrics and Gynecologists (ACOG) Annual Clinical Meeting, San Diego, CA, May 2007.

Ventolini G, **Barhan S,** Duke J. Vulvodynia: A Step-wise Diagnostic and Therapeutic Cohort Study. Accepted for presentation at American College of Obstetrics and Gynecologists (ACOG) 56th Annual Clinical Meeting, New Orleans, LA, May 2008.

Abstracts

Barhan S, Genrich T, Schissel A, Duke, J, Ventolin G. Chronic Pelvic Pain Caused by Bilateral Perforation of Fallopian Tubes after Essure Procedure: "A Case Report and Literature Review". The 37th Global Congress of Minimally Invasive Gynecology, Las Vegas, NV, Nov 2008. (oral)

Ventolini, G, Neiger R, **Barhan S**. Abnormal Placental Findings Associated with Non-Reassuring Fetal Monitoring and Good Neonatal Outcomes. Accepted for oral presentation at 11th World Congress on Controversies in Obstetrics and Gynecology & Infertility (COGI), Paris, France. Nov. 2008

Ventolini G, **Barhan S**, Duke J, Bidwell M, Galloway M, Dhanraj D, Neiger R. C-Reactive Protein and Fetal Fibronectin for the Prediction of Labor Initiation in Twin Gestations with Short Cervical Length. Accepted for oral presentation at 1st World Congress on Twin Pregnancy, Venice, Italy. Apr 2009.

Ventolini, G, **Barhan S**, Glover M, Dhanraj D, Belcastro, M, McKenna D. Reducing Emergency Births by Reducing Oxytocin Utilization After a Change in Clinical Management. Accepted for poster presentation at 57th Annual Clinical Meeting of the American College of Obstetricians and Gynecologists (ACOG), Chicago, IL, USA. May 2009.

Barhan S, McCluskey K, Glover M, McKenna D, Kovac C, Ventolini G. Ruptured Appendicitis with Appendiceal Abscess in Twin Pregnancy Managed by Percutaneous CT Guided Drainage. Case report and literature review. American Association of Gynecologic Laparoscopists (AAGL) Annual Meeting. Las Vegas, NV, USA. Nov. 2009. (oral)

Barhan S, Lee M, Ventolini G. Breast Abscess and Community Acquired MRSA: Case Report and Literature Review. Accepted for poster presentation at 58th Annual Clinical Meeting of the American College of Obstetrics and Gynecologists (ACOG) Annual Clinical Meeting. San Francisco, CA, USA. May 2010

Ventolini G, Galloway M, Yaklic J, Dhanraj D, Duke J, **Barhan S**. Group B Streptococcus Colonization and Penicillin V Response in Patients with Symptomatic Recurrent Vulvovaginal Colonization. Abstract accepted for oral presentation at European Society for infectious Diseases in Obstetrics and Gynecology (ESIDOG), Trieste, Italy, October 2010

Ventolini G, Neiger R, **Barhan S**. Abnormal Placental Findings Associated with Non-reassuring Fetal Monitoring and Good Neonatal Outcomes. Intl J Clin Med 2011Jul; 2:310-12

Ventolin G, Galloway M, **Barhan S**, Belcastro M, et al. Reducing Emergency Births by Modification in Oxytocin Utilization. J Clin Gynecol Obstet, 2012 Feb; 1(1); 1-3.

Vidosh J, Lo N, **Barhan S**. Case Study of Vulvar Intraepithelial Neoplasia (VIN) III in the Setting of Giant Condyloma and Human Immunodeficiency Virus (HIV). Accepted for oral presentation at American College of Obstetricians and Gynecologists (ACOG) Armed Forces District Meeting, Las Vegas, NV, Oct 2012

Barhan S. Metroplasty to Treat Chronic Pelvic Pain Resulting from Outflow Tract Mullerian Anomalies. Dec 2015. American Journal of Obstetrics and Gynecology.

PRESENTATIONS

Academic

"Overall Rates of Breastfeeding Initiation and Continuation and the Barriers that Result in Discontinuation: A Quality Improvement Study". Presented at the Medical Student Research Symposium, Wright State University Boonshoft School of Medicine, Dayton, Ohio April 2017.

“Vaginitis” Breakout Session Lecture, Federation of International Gynecologists Obstetricians Conference, Vancouver, October 2015.

“Cervical Ripening.” Grand Rounds, Department OBGYN Miami Valley Hospital, Dayton, Ohio: 1997, 2001, 2003, 2007

“Management of Pregnancy Loss.” Grand Rounds, Department of OB/Gyn, Miami Valley Hospital, Dayton, Ohio, 2007

“First Trimester Bleeding.” Continual Nursing Education, Miami Valley Hospital, Dayton, Ohio 2004

Other Local Presentations

“Headaches and Hormones” – Premier Women and Wellness Even, Schuster Center, March 2017.

“Dealing with the Change.” Speaking of Women’s Health, Inc. Convention, Dayton Convention Center, 2006

“It’s Time to Take Control of Your Menopause.” Speaking of Women’s Health Inc. Convention, Dayton Convention Center: 2007, 2008.

Panelists for Seminar on Post-Partum Depression, Sponsored by Miami Valley Hospital, Drury Inn Suites, Dayton, Ohio 2007.

“Fertility Concerns.” Television Interview, Produced by Television Channel 22, Dayton, Ohio, 2007.

“Let’s Talk About “The Change” – Menopause Event at the Miami Valley South Health Center, 2009.

“Women in Medicine” – Radio Interview, produced by WWSU 106.9 FM, May 2008.

SERVICE AND ACADEMIC OUTREACH

Committee Service

<u>School of Medicine Committee</u>	<u>Position</u>	<u>Dates</u>
Admissions Committee	Member (appointed)	2012-2013
Student Promotions Committee	Member (appointed)	2012-present
Nominating Committee	Member (appointed)	2008-present
Biennium II Committee	Member (appointed)	2000-2002, 2013-present

SERVICE AND ACADEMIC OUTREACH

Committee Service cont.

Department Committee

Student Education Committee	Member (voluntary)	2002-present
Promotion and Tenure Committee	Member (appointed)	2006-present
Continuing Medical Education Comm.	Member (voluntary)	2005-present
Research Committee	Member (appointed)	2002-2006

Resident Education Committee	Member (voluntary)	1996-present
Resident Evaluation Committee	Member (voluntary)	1996-present

Medical Staff Committee

Hospital

Dates

Perinatal Morbidity and Mortality	Miami Valley Hospital Dayton, Ohio	2004-present
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Blood Utilization Committee	Miami Valley Hospital Dayton, Ohio	2007-2008
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Medical Staff Appointments

Miami Valley Hospital, Dayton, Ohio-Active

Clinical Practice

Obstetrics and Gynecology, Wright State Physicians Women's Health Care, Dayton, Ohio

Identified by Athena Health as *Meaningful Use* physician leader to participate in national marketing Strategies, June 2012

Completed training and certification to perform DaVinci robotic gynecologic surgeries; Aug 2012