

# **BIREN PATEL M.D.**

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## **PRESENT TITLE**

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### **Reproductive Endocrinology and Infertility Fellow**

July 2015 – present     Hire, Visitor Track, Visiting Instructor  
Department of OB/GYN  
University of Utah  
Salt Lake City, UT

## **EDUCATION**

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<b><u>Years</u></b>	<b><u>Training</u></b>	<b><u>Institution</u></b>
2015-2018	Fellowship	Reproductive Endocrinology & Infertility University of Utah Salt Lake City, UT
2011-2015	Residency	Obstetrics and Gynecology University at Buffalo [SUNY] Buffalo, NY
2006-2010	M.D.	Technion – Israeli Institute of Technology Haifa, Israel
2002-2006	B.S.	Molecular and Cellular Biology University of Illinois at Urbana-Champaign

## **CURRENT LICENCES & CERTIFICATIONS**

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2015-Present	DEA Certificate (Utah) – Physician (M.D.)
2015-Present	Utah State License – Physician (M.D.), License# 9363173-1205
2015-Present	Controlled Substances (Utah) – Physician (M.D.), License# 9363173-8905
2010	Education Commission for Foreign Medical Graduates Certificate

## **HONORS & AWARDS**

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2015 Apr	Gold Humanism Honor Society Peer-nominated society for physicians who show excellent interpersonal skills and compassionate patient care. Department of Obstetrics and Gynecology University at Buffalo [SUNY]
2015 Apr	Kent Crickard Award for Excellence in Reproductive Endocrinology Department of Obstetrics and Gynecology University at Buffalo [SUNY]

- 2014 May 3<sup>rd</sup> Place Prize – Academic Research  
Thesis: Evaluation of fertility counseling and referral for reproductive-age patients receiving cancer treatment at a regional cancer center.  
 Department of Obstetrics and Gynecology  
 University at Buffalo [SUNY]
- 2014 Jan Highest CREOG score for residency class  
 Department of Obstetrics and Gynecology  
 University at Buffalo [SUNY]
- 2013 Nov ASRM Resident Reporter  
 American Society for Reproductive Medicine  
 69<sup>th</sup> Annual Meeting  
 Boston, MA
- 2011 Mar Best New Investigator Poster  
Title: The protective effects of GnRH-agonist against chemotherapy associated ovarian failure in stem cell transplantation.  
 Society for Gynecological Investigation  
 58<sup>th</sup> Annual Meeting  
 Miami, FL
- 2010 Apr Best Clinical Poster  
Title: The protective effects of GnRH-agonist against chemotherapy associated ovarian failure in stem cell transplantation.  
 Israel Endocrine Society  
 39<sup>th</sup> Annual Meeting  
 Tel Aviv, Israel

## PROFESSIONAL MEMBERSHIPS

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Gold Humanism Honor Society  
 American College of Obstetrics and Gynecology  
 American Society for Reproductive Medicine

## SERVICE AT PREVIOUS INSTITUTIONS

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2012-2015 Committee Member, Library Planning & Medical Education  
 Women and Children's Hospital of Buffalo  
 Buffalo, NY

## PEER-REVIEWED JOURNAL ARTICLES

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1. Schlueter R, Liu C, Crimmins S, **Patel B**, et al (2014). Routine screening for chlamydia trachomatis and Neisseria gonorrhoea in patients with first trimester abortion. *Am J Obstet Gynecol*, (210 Sup), S258-9.
2. Blumenfeld Z, **Patel B**, Leiba R, Zuckerman T (2012). Gonadotropin-releasing hormone agonist may minimize premature ovarian failure in young women undergoing autologous stem cell transplantation. *Fertil Steril*, 98(5), 1266-70.e1.

## ORAL OR POSTER PRESENTATIONS

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1. (Oral – Accepted) **Patel BV**, Meeks H, Wan Y, Johnstone EB, Glenn M, Smith KR, Hotaling JM. Intergenerational effects of chemotherapy on fecundity: both male and female children born to women exposed to chemotherapy have fewer children. (2017) American Society for Reproductive Medicine 73<sup>rd</sup> Annual Meeting, San Antonio, UT.
2. (Oral – Accepted) **Patel BV**, Meeks H, Wan Y, Johnstone EB, Glenn M, Smith KR, Hotaling JM. Children of men exposed to chemotherapy have normal fecundity. (2017) American Society for Reproductive Medicine 73<sup>rd</sup> Annual Meeting, San Antonio, UT.
3. (Poster) Peterson K, **Patel BV**, Ibrahim Y, Neill S, Bhakta Z, Johnstone EB. Rare cases of eosinophilic pneumonitis associated with intramuscular progesterone in sesame oil. (2017) Midwest Reproductive Symposium International 14th Annual Meeting, Chicago, IL.
4. (Poster) **Patel BV**, Johnstone EB, Presson A, Zhang C, Jenkins T, Aston KI, Carrell DT, Hotaling JM. The effect of ADHD medications on semen analyses in sub-fertile couples. (2016) American Society for Reproductive Medicine 72<sup>nd</sup> Annual Meeting, Salt Lake City, UT.
5. (Poster) Johnstone EB, Link M, **Patel BV**, Hotaling JM, Moore AK, Dorais J, Carrel DT, Peterson CM, Aston KI. Does outcome of first IVF cycle allow selection of candidates for repeat IVF prior to PGS? (2016) American Society for Reproductive Medicine 72<sup>nd</sup> Annual Meeting, Salt Lake City, UT.
6. (Poster) **Patel BV**, Frederick P, Liu C, Schlueter R, Shaman M, Barnabei V. Evaluation of fertility counseling and referral for reproductive-age women receiving chemotherapy treatment at a regional cancer center. (2014) Central Association for Obstetricians and Gynecologist 81<sup>st</sup> Annual Meeting, Albuquerque, NM.
7. (Poster) Liu C, Schlueter R, Shelton J, Crimmins S, **Patel B**, Shaman M. Frequency of syphilis screening during pregnancy: is repetitive testing necessary? (2013) American Congress of Obstetricians and Gynecologists 61st Annual Clinical Meeting, New Orleans, LA.
8. (Poster) Kim BS, Haroon M, **Patel B**, Bett GC, Arroyo A. NMDA receptor 1 and 2B expression changes in medial preoptic area gonadotrophin-releasing hormone (GnRH) neurons during the rat estrous cycle. (2012) Society for Gynecological Investigation 59th Annual Meeting, San Diego, CA.
9. (Poster) **Patel BV**, Zuckerman T, Blumenfeld Z. The protective effect of GnRH-a against chemotherapy associated ovarian failure in stem cell transplantation. (2011) Society for Gynecological Investigation 58th Annual Meeting, Miami, FL.
10. (Poster) **Patel BV**, Zuckerman T, Leiba R and Blumenfeld Z. The protective effect of GnRH-a against chemotherapy associated ovarian failure in stem cell transplantation. (2010) Israel Endocrine Society 39th Annual Meeting, Tel Aviv, Israel.

## INVITED BOOK CHAPTERS

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1. **Patel BV**, Hotaling JM. Identified Epigenetic Effects (Section 4B, Chapter 81). Encyclopedia of Reproduction, 2<sup>nd</sup> edition. Section Ed. CS Niederberger. Pending publication in 2018. Elsevier, Inc.
2. **Patel BV**, Hotaling JM. Genomics and Epigenetics. Oxidants, Antioxidants and the Impact of the Oxidative Status in Male Reproduction. Ed. R Hankel, L Samanta, A Agarwal. Pending publication in 2018. Elsevier, Inc.

## HOBBIES

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Investing; Medical Education; Exercising (Running); Non-fiction Reading (finance, medical history, biographies, healthcare industry)