

CURRICULUM VITAE

Joseph P. Alukal, MD

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Current Appointment

03/2019 – present **Columbia University Irving Medical Center**
Columbia University Vagelos College of Physicians and Surgeons
New York, NY
Associate Professor, Department of Urology
Director, Men’s Health
Attending Surgeon

Prior Work Experience

07/2008-11/2018 **NYU Langone Health**
New York, NY
Attending Surgeon

07/2008-11/2018 **Manhattan Veterans Administration Hospital**
New York, NY
Attending Surgeon

07/2008-11/2018 **Bellevue Hospital, New York City Healthcare Hospitals Corp.**
New York, NY
Attending Surgeon

Prior Academic Appointments

10/2017- 11/2018 **New York University School of Medicine**
New York, NY
Associate Professor (Clinical), Department of Urology
Associate Professor (Clinical), Department of OB/GYN
Director, Male Reproductive Health

07/2008-10/2017 **New York University School of Medicine**
New York, NY
Assistant Professor (Clinical), Department of Urology
Assistant Professor (Clinical), Department of OB/GYN
Director, Male Reproductive Health

Post-Doctoral Training

- 07-2006-06/2008 **Department of Urology, Baylor College of Medicine
Houston, TX**
Fellow, Male Reproductive Medicine and Surgery
AUA Foundation Research Scholar
- 07/2005-06/2006 **Department of Urology, Boston University Medical Center
Boston Veterans Administration Hospital
Boston, MA**
Chief Resident in Urology
- 07/2002- 06/2005 **Department of Urology, Boston University Medical Center
Boston Veterans Administration Hospital
Boston Children's Hospital
Boston, MA**
Resident in Urology
- 07/2001- 06/2002 **Department of General Surgery, Boston University Medical Center
Boston, MA**
Surgery Intern

Education

- 9/1997-6/2001 **University of North Carolina
Chapel Hill, NC**
MD
- 9/1993- 6/1997 **Duke University
Durham, NC**
BS, Biology
BA, Classical Studies
Magna cum laude

Licensure and Board Certification

- 06/2008 **New York**
Medical License No: 248400
- 02/26/2007 **American Board of Urology**
Date of Certification: 01/26/2010
Date of Re-certification: 01/25/2020
Certificate # 16263

Honors and Awards

- 2004 Resident Travel Award Winner, AUS/SBUR Basic Science Conference
Boston University School of Medicine, Department of Urology
- 2004 First Place Winner, Inaugural Pfizer Boston Urology Quiz Bowl
Boston University School of Medicine, Department of Urology
- 2004 ASRM/SMRU Traveling Scholar in Infertility, ASRM Annual Meeting
Boston University School of Medicine, Department of Urology
- 2004 AUA Foundation Scholarship Winner, 2006-2008
- 2007-2008 NIH Loan Repayment Award Winner, Research in Contraception and Infertility
Baylor College of Medicine, Scott Department of Urology
- 2008 Graduate Scholar Award Winner, AUA Foundation Scholarship

Invited Lectures and Program Participation

- 2010 Chair, Male Reproductive Tract Function Podium Session, American Society of Andrology Meeting, May 2010, Philadelphia, Pennsylvania
- 2011 Invited Lecturer, Columbia University Distinguished Lecturer in Reproductive Medicine, December 2011, New York City, New York
- 2011 Program Chair and Lecturer, Surgical and Pharmacological Advances in Urology, Infertility: Approach to Managing the Couple, December 2011, New York City, New York
- 2012 Invited Lecturer, Lab Sciences Forum Invited Lecturer, Lab Sciences Forum, American Society of Andrology Meeting, February 2012, Tucson, Arizona
- 2012 Invited Lecturer, Society for the Study of Male Reproduction Annual Meeting, May 2012, Atlanta, Georgia
- 2012 Chair, Podium Session, Male Infertility – Diagnosis and Treatment, American Urological Association Annual Meeting, May 2012, Atlanta, Georgia
- 2012 Co-Chair and Lecturer, Andrology Symposium, Societe Internationale d'Urologie, October 2012, Fukuoka, Japan
- 2012 Program Chair and Lecturer, Surgical and Pharmacological Advances in Urology, Hypogonadism – Risks, Benefits and a Holistic Approach, December 2012, New York City, New York
- 2013 Lecturer, Cardiovascular Prevention Lecture Series, New York University School of Medicine, November 2013, New York City, New York
- 2013 Program Chair and Lecturer, Surgical and Pharmacological Advances in Urology, Infertility: Approach to Managing the Couple, December 2013, New York City, New York

- 2014 Invited Plenary Lecturer, “Advanced Paternal Age: What are the Real Risks?” American Urological Association Annual Meeting, May 2014, Orlando, Florida
- 2014 Chair, SSMR Symposium, American Urological Association Annual Meeting, May 2014, Orlando, Florida
- 2014 Program Chair and Lecturer, Surgical and Pharmacological Advances in Urology, Erectile Dysfunction: Hypogonadism and ED: An Approach to Treating Both Problems, December 2014, New York City, New York
- 2015 Program Chair and Lecturer, Surgical and Pharmacological Advances in Urology, Hypogonadism: A Holistic Approach, December 2015, New York City, New York
- 2016 Invited Lecturer, Massachusetts General Hospital Urology Department, Frances McGovern, MD Lecture Series, February 2016, Boston, Massachusetts
- 2016 Invited Lecturer, Indian American Urological Association Annual Meeting, ED Management and New Therapeutic Options, May 2016, San Diego CA
- 2016 Invited Plenary Speaker, American Urological Association Annual Meeting, Take Home: Infertility and Andrology, May 2016, San Diego CA
- 2016 Invited Speaker, New York Section AUA Annual Meeting, Fertility in the Aging Male – Testing and Treatments, Sept 2016, Prague, Czech Republic
- 2016 Invited Participant, American Society of Reproductive Medicine, Meet the Experts Roundtable Luncheon, Oct 2016, Salt Lake City, UT
- 2017 Invited Lecturer, Congress du Medecine Morphologique et Anti-Age, Testosterone and Cardiovascular Safety, January 2017, Paris France
- 2017 Invited Expert and Lecturer, Societe d’andrologie du Langue Francais Annual Meeting, microTESE: How To, January 2017, Toulouse France
- 2017 Meeting Co-Chair, American Society of Andrology Annual Meeting, March 2017, Miami FL
- 2017 Invited Lecturer, New England Fertility Society, Testicular Sperm Extraction in Oligospermia, May 2017, Ogunquit, ME
- 2017 Course Director and Lecturer, AUA Post-Graduate Annual Course, Evidence Based Approach to Design of a Men’s Health Center, May 2017, Boston MA
- 2017 Course Lecture, AUA Board Recertification Review Course, Surgical Management of Erectile Dysfunction, September 2017, Washington DC
- 2017 Invited Lecturer and Instructor, AUA/SIU Summer School, Varicocele – Update on Management, Oct 2017, Naples Italy
- 2017 Invited Plenary Speaker, Societe d’Italia Urologico Annual Meeting, Testosterone and Cardiovascular Safety, Oct 2017, Naples Italy
- 2017 Invited Speaker, NYU/SCU (Sociedad Colombiana de Urologia) Biannual Urology Course, Oct 2017, Santa Marta, Colombia

- 2017 Invited Plenary Speaker and Co-Chair, Sexual Medicine Society of North America/Society for the Study of Male Reproduction Co-symposium, Vasectomy and Men's Health, Oct 2017, San Antonio, Texas
- 2017 Invited Participant, American Society of Reproductive Medicine, Meet the Experts Roundtable Luncheon, Oct 2017, Salt Lake City, UT
- 2018 Invited Speaker and Capitol Hill Delegate, AUA Advocacy Summit, March 2018, Washington DC
- 2018 Invited Lecturer, American Society of Andrology Special Symposium, Sexual Function in Female to Male Transgender Patients, April 2018, Portland OR
- 2018 Invited Speaker, University of Washington Men's Health Conference, Testosterone Replacement Safety and Administration, August 2018, Seattle, WA
- 2018 Invited Lecturer and Instructor, AUA/BAUS Resident Education, Male Infertility – Update on Management, Aug 2018, Dhaka, Bangladesh
- 2018 Invited Lecturer and Instructor, AUA/USI Resident Education, Male Infertility – Update on Management, Aug 2018, Hyderabad, India
- 2018 Invited Participant, Lehigh Valley 4th Annual Urology Symposium, Erectile Dysfunction and Low Testosterone, Oct 2018, Skytop, PA
- 2019 Invited Speaker, Columbia Breast Cancer Symposium 2019, BRCA 1 and 2 Mutation in Men, May 2019, New York, NY
- 2019 Invited Speaker, 2nd Annual NYC Prostate Cancer Summit, 2019, Sexual Function after Treatment for Prostate Cancer, Sept 2019, New York, NY
- 2019 Invited Participant and Keynote Speaker, Lehigh Valley 5th Annual Urology Symposium, Testosterone Replacement – Indications and Safety, Sept 2019, Center Valley, PA
- 2019 Course Lecturer, ASRM Pre-Congress Annual Course, Testicular Extraction of Sperm – Updates for Clinicians and the Lab, Oct 2019, Philadelphia, PA
- 2019 Invited Participant, American Society of Reproductive Medicine, Meet the Experts Roundtable Luncheon, Oct 2019, Philadelphia, PA
- 2020 Invited Lecturer, SMILES Lecture Series, "Varicocelectomy in the Era of IVF/ICSI", Online (sponsored by the Society for the Study of Male Reproduction), May 2020
- 2020 Invited Lecturer, CCC Lecture Series, "Varicocelectomy – an Update", Online (sponsored by the Cornell China Circle), September 2020
- 2020 Invited Lecturer, AUA Board Review Course, Erectile Dysfunction – Treatment and Management of Complications, Online, September 2020
- 2020 Invited Speaker, Grand Rounds, Hackensack University Medical Center, "COVID-19 and Men's Health" Online, December 2020

- 2021 Invited Lecturer, CancerCare Men's Program, "For Men: Living Well with Cancer" Online, Jan 2021, New York City, NY
- 2021 Invited Lecturer, 3rd Annual New York City Prostate Cancer (mini) Symposium, Sexual Function and Fertility After Treatment for Prostate Cancer, Jan 2021
- 2021 Course Director and Lecturer, Men's Health – What's in Your Center, AUA Post-graduate Annual Course, Sept 2021, Las Vegas, NV
- 2021 Course Lecturer, Post-Prostatectomy Sexual and Voiding Dysfunction, A Masterclass, AUA Post-graduate Annual Course, Sept 2021, Las Vegas, NV
- 2021 Invited Lecturer, Male Fertility Update, Japanese Urologic Association Annual Meeting, AUA Annual Meeting, Sept 2021, Las Vegas, NV
- 2021 Session Moderator, Male Infertility Pathophysiology, Moderated Poster Session, AUA Annual Meeting, Sept 2021, Las Vegas, NV
- 2021 Session Moderator and Director, Varicocele and Mild Male Factor, ASRM Annual Meeting, Oct 2021, Baltimore, MD
- 2022 Session Moderator, Sexual Dysfunction, Pharmacology, AUA Annual Meeting, May 2022, New Orleans, LA
- 2022 Course Lecturer, Post-Prostatectomy Sexual Dysfunction, A Masterclass, AUA Post-graduate Annual Course, May 2022, New Orleans, LA

Professional Organizations, Societies and Service

- 2003- American Urological Association
Member
- 2004- American Society of Reproductive Medicine
Member
- 2006- Society for the Study of Male Reproduction
Member
- 2006- Society for Male Reproduction and Urology
Member
- 2009- American Society of Andrology
Member
- 2009- Society for Reproductive Surgery
Member
- 2009 American Society of Andrology
Awards Committee Member
- 2010 American Society of Andrology

Awards Committee Chair

2011	American Medical Association Member
2011	Society for the Study of Male Reproduction Member-at-Large; Board of Directors
2012-	American Society for Reproductive Medicine Continuing Medical Education Committee Member
2012-2018	Society of Reproductive Surgeons ASRM CME Committee Liaison
2013-2015	Director, SSMR/SSMNA (Society for the Study of Male Reproduction, Sexual Medicine Society of North America) Travelling Fellowship
2015-present	Secretary, Society for the Study of Male Reproduction; Board of Directors
2016-2017	Urology Care Foundation, Sexual and Reproductive Health Committee Member
2016-2018	American Society of Andrology Industry Liaison Committee, Chairman
2017	American Society of Andrology Annual Meeting Co-Chair
2017-2018	President, Society for the Study of Male Reproduction
2018-2019	Immediate past President, Society for the Study of Male Reproduction
2019-2020	Past-past President, Society for the Study of Male Reproduction
2020-2021	Executive Committee Member, SSMR Representative, Society for Assisted Reproductive Techniques (SART)
2021-	Website Committee Member, Society for Assisted Reproductive Techniques (SART)
2020-	Director, Development, SSMR Board of Directors

Departmental and University Committees

07/2009-6/2010	New York University School of Medicine Medical School Admissions Committee Member
2019-	Tissue Bank Committee, New York Presbyterian Hospital, Member
2020-	Reproductive Tissue Bank Committee, New York Presbyterian Hospital, Lab Director
2020-	Columbia University Anti-Bias Action Collaborative with the National Academy of Sciences, Engineering, and Mathematics, Member

Editorial and Review Boards

2011-	Reviewer, Urology
2012-	Reviewer, Journal of Urology
2016-	Reviewer, Fertility and Sterility
2018-	Editorial Board Member and Reviewer, World Journal of Urology
2022-	ORUDAC Advisory Committee Member, FDA

Fellowship and Grant Support

07/2006- 06/2008	AUA Foundation Scholarship "The Role and Interplay of Ghrelin and Leptin in Male Fertility in the Mouse."
2020-	Radiology Society of North America Research and Education Research Scholars Grant, "Utility of Multiparametric MRI with Advanced Sequences and Radiomics for Predicting Success of Sperm Fine-needle Aspiration (FNA) Mapping in Patients with Non- obstructive Azoospermia." Co-primary Investigator
2020-	Endo Pharmaceuticals Educational Grant, "Fellowship Training, Andrology and Men's Health."

Publications

1. Full papers:
 - a. published in peer review journals
 1. **Alukal J**, Shrestha R, Moll S. Images in hematology. Amyloidosis. Am J Hematol. 2002 Oct;71(2):117-8.
 2. **Alukal JP**, Zurakowski D, Atala A, et al. Testicular hypotrophy does not correlate with grade of adolescent varicocele. J Urol. 2005 Dec;174(6):2367-70.
 3. **Alukal J**, Lamb DJ. "Words of Wisdom. Re: Persistent Motile Sperm After Ligation Band Vasectomy." Eur Urol. 2007 Aug;52(2):606-7.
 4. **Alukal J**, Lipshultz LI. "Safety of assisted reproduction, assessed by risk of abnormalities in children born after in vitro fertilization techniques." Nature Clinical Practice Urology. 2008 Mar;5(3):140-50.
 5. **Alukal, J.**, Lamb, DJ. "IVF/ICSI: What are the risks?" Urologic Clinics of North America. 2008 May;35(2):277-89.
 6. **Alukal, J.**, Lipshultz, L. "Why treat the male in the era of ART?" Seminars in Reproductive Medicine. 2009 March; 27(2):109-114.
 7. Park, J., Hemani, M., Milla, S.S., Rivera, E., Nadler, E., **Alukal, J.** "Incarcerated Amyand's hernia in a premature infant associated with circumcision: a case report and literature review." Hernia. 2010 Dec; 14(6):639-642.

8. Welliver, R.C., Mechlin, C., Goodwin, B., **Alukal, J.P.**, McCullough, A. R., "A Pilot Study to Determine Penile Oxygen Saturation Before and After Vacuum Therapy in Patients with Erectile Dysfunction After Radical Prostatectomy." *Journal of sexual medicine*. 2014 Feb;11(4):1071-1077.
9. Prabhu, V., **Alukal, J.**, Laze, J., Makarov, D. Lepor, H. "Long-term satisfaction and predictors of use of intracorporeal injections for post-prostatectomy erectile dysfunction." *Journal of Urology*. 2013 Jan;189(1): 238-42.
10. Tanna, M.S., Schwartzbard, A., Berger, J.S., **Alukal, J.**, Weintraub, H. "The role of testosterone therapy in cardiovascular mortality: culprit or innocent bystander?" *Current atherosclerosis reports*. 2015 Feb;17(13):12-23.
11. Ito, T., Melamed, J., Perle, M.A., **Alukal, J.** "Clear cell sarcoma of the penis: a case report." *Am J Clin Exp Urol*. 2015 April 25;3(1):43-7.
12. Pagano, M.J., Weinberg, A.C., Deibert, C.M., Hernandez, K., **Alukal, J.**, Zhao, L., Wilson, S.K., Egydio, P.H., Valenzuela, R.J.. "Penile intercavernosal pillars: lessons from anatomy and potential implications for penile prosthesis placement." *Int J Impot Res*. 2016 May; 28(3):114-9.
13. **Alukal, J.**, "Hypogonadism." *Urologic Clinics of North America*. 2016 May; 43(2):2.
14. **Alukal, J.**, Lepor, H. "Testosterone Deficiency and the Prostate." *Urologic Clinics of North America*. 2016 May; 43(2):203-208.
15. Gabrielson, S., Najari, B., **Alukal, J.**, Eisenberg, M. "Testosterone Trends and Public Health." *Urologic Clinics of North America*. 2016 May; 43(2):261-271.
16. Gross, M.S. (...), **Alukal, J.**(...) Munarriz, R.M. "Multicenter Investigation of the Micro-Organisms Involved in Penile Prosthesis Infection: An Analysis of the Efficacy of the AUA and EAU Guidelines for Penile Prosthesis Prophylaxis." *J Sex Med*. 2017 Mar; 14(3):455-463
17. Loeb, S., Folkvaljon, Y., Damber, J.E., **Alukal, J.**, Lambe, M., Stattin, P. "Testosterone Replacement Therapy and Risk of Favorable and Aggressive Prostate Cancer." *J Clin Oncol*. 2017 May 1; 35(13):1430-1436.
18. **Alukal, J.**, "Proper diagnosis and management of nonobstructive azoospermia: NYU Case of the Month, June 2017." *Rev Urol*. 2017;19(2) 142-144.
19. **Alukal, J.**, "Sperm DNA fragmentation testing: an evolving frontier." *Transl Androl Urol*. 2017 Sep; 6(Suppl 4):S332-333.
20. Storey, P., Gonen, O., Rosenkrantz, A.B., Khurana, K.K., Zhao, T., Bhatta, R., **Alukal, J.P.**, "Quantitative Proton Spectroscopy of the Testes at 3T: Toward a Noninvasive Biomarker of Spermatogenesis." *Invest Radiol*. 2018 Feb. 53(2): 87-95.
21. Liu, W., Schulster, M., **Alukal, J.**, Najari, B. "Fertility Preservation in Male to Female Transgender Patients." *Urologic Clinics of North America*. 2019 Nov; 46(4):487-495.
22. Xia, B., Yan, Y., Baron, M., Wagner, F., Barkley, D., Chiodin, M., Kim, S., Keefe, D., **Alukal, J.**, Boeke, J., Yanai, I. "Widespread transcriptional scanning in testes modulates gene evolution rates." *Cell*. 2019 Jan 23; 180(2):248-262.

23. Pan, F., Xiao, X., Guo, J., Song, Y., Li, H., Patel, D., Spivak, A., **Alukal, J.P.**, Zhang, X., Xiong, C., Li, P., Hotaling, J. "No evidence of severe acute respiratory syndrome-coronavirus 2 in semen of males recovering from coronavirus disease 2019." *Fertil Steril*. 2020 June; 113(6): 1135-1139.
24. Thaker, H., Ko, E., Sabanegh, E., Brannigan, R., **Alukal, J.**, Samplaski, M. "Empirical medical therapy for idiopathic male infertility." *F&S Reports*. 2020 June; 1(1): 15-20
25. Patel, D., Punjani, N., Guo, J., **Alukal, J.**, Li, P., Hotaling, J. "The impact of SARS-CoV-2 and COVID-19 on male reproduction and men's health." *Fertil Steril*. 2020 June. 113(6)1135-39
26. Punjani, N., Ha, A., Caputo, J., Wiechmann, L., Chiasson, M., Hotaling, J., Walsh, T., **Alukal, J.** "Outcome Disparities Among Men and Women With COVID-19: An Analysis of the New York City Population Cohort." *Journal of Drugs in Dermatology*. 2020 Sep; 19(10): 960-967
27. Punjani, N., Li, P., **Alukal, J.** "Investigation of SARS-CoV-2 in Semen of Patients in the Acute Stage of COVID-19 Infection." *Urol Int*. 2020 Oct; 104(11-12): 1001-1002
28. Dupree, J., Coward, R., Hsieh, M., Tanrikut, C., Shin, P., Mehta, A., Hotaling, J., Pastuszak, A., Williams, D., **Alukal, J.**, Lipshultz, L., Schlegel, P., Walsh, T., Eisenberg, M., Shin, D., Honig, S., Nagler, H., Samplaski, M., Smith, J. "The impact of physician productivity models on access to subspecialty care: A white paper from the Society for the Study of Male Reproduction and the Society for Male Reproduction and Urology." *Urology*. Epub ahead of print. 2021 Jan.
29. Punjani N, Basourakos SP, Nang QG, Lee RK, Goldstein M, **Alukal JP**, Li PS. "Genitourinary Infections Related to Circumcision and the Potential Impact on Male Infertility." *The World Journal of Men's Health*. 2021 Jan. 8;39.
30. Patel, D., Punjani, N., Guo, J., **Alukal, J.**, Li, P., Hotaling, J. "The impact of SARS-CoV-2 and COVID-19 on male reproduction and men's health." *Fertil Steril*. 2021 April. 115(4) 813-823
31. Cheng, P., Kim, J., Craig, J., Pastuszak, A., **Alukal, J.**, Walsh, T., Hotaling, J. "The back up vasectomy reversal: Simultaneous sperm retrieval and vasectomy reversal in the couple with advanced maternal age. A cost-effectiveness analysis." *Urology*. 2021 April. 153. 175-180
32. Ha, A., Wallace, B., Miles, C., Raup, V., Badalato, G., Punjani, N., **Alukal, J.** "Exploring the Use of Exchange Transfusion in the Surgical Management of Priapism in Sickle Cell Disease: A Population-Based Analysis." *J Sex Med*. 2021 Oct. 18(10) 1788-1796
33. Purpura, L.J., **Alukal, J.**, Chong, A.M., Liu, L., Cantos, A., Shah, J., Medrano, N., Chang, J.Y., Tsuji, M., Mohri, H., Uhlemann, A.C., "Early Release-SARS-CoV-2 Shedding in Semen and Oligozoospermia of Patient with Severe Coronavirus Disease 11 Weeks after Infection." *Emerging Infectious Diseases*. Accepted (epub in advance of print). 2022
34. Ha A., Han, D., Wallace B., Miles, C., Raup, V., Punjani, N., Badalato, G., **Alukal, J.**, "A Population-based Analysis of Predictors of Penile Surgical Intervention among Inpatients with Acute Priapism." *International Journal of Impotence Research*. Accepted. 2021.

2. Other full papers:

- a. published without review by peer group: Not Applicable
- b. in preparation: Not Applicable

3. Abstracts (within last ten years)

1. Welliver, C., Goodwin, B., **Alukal, J.**, & McCullough, A. A Pilot Study To Determine Penile Oxygen Saturation Before And After Vacuum Therapy In Patients With Erectile Dysfunction After Radical Prostatectomy. American Urological Association Annual Meeting, San Diego CA. May 4-8, 2013. Poster Presentation (Prize Winner).
2. Wynia, B., Lee, T., Taneja, S., Lepor, H., Huang, W., Stifelman, M., Bjurlin, M., McCullough, A., **Alukal, J.**, "Testosterone Replacement Therapy In Patients With Prostate Cancer After Prostatectomy: A 5-Year Single Center Experience". American Urological Association Annual Meeting, Orlando FL. May 16-21, 2014. Podium Presentation.
3. Frezzo, JA, Montclare, JK, **Alukal, JP**, Kapila, V. Sperm Surface Glycan Modification By Chemical Reporter Conjugation. October 18th - 22nd 2014. American Society of Reproductive Medicine Annual Meeting, Honolulu, HI. October 18-22, 2014. Podium Presentation.
4. Yamaguchi, Y., Zhao, L, **Alukal, J.** Single-port Laparoscopic Varicocelelectomy. American Society of Reproductive Medicine Annual Meeting, Baltimore, MA. October 17-21, 2015. Video Presentation (Prize Winner).
5. Rude, T., Yamaguchi, Y., Khurana, K., Felder, G., Zhao, L., **Alukal, J.**, "Preliminary experience with the novel laparoendoscopic single-site extraperitoneal (LESS-EP) varicocelelectomy." American Society of Reproductive Medicine Annual Meeting, Salt Lake City UT, Oct 15-19, 2016. Podium Presentation
6. Gross, M.S. (...), **Alukal, J.**,(...) Munarriz, R.M. "Multicenter Investigation of the Microorganisms Involved in Penile Prosthesis Infection: Are the AUA and EAU Guidelines Appropriate for Penile Prosthesis Prophylaxis and Infection Management?" Sexual Medicine Society of North America Annual Meeting, Scottsdale, AZ. November, 2016. Podium Presentation
7. Storey, P., Gonen, O., Rosenkrantz, A., Khurana, K., Zhao, T., Bhatta, R., **Alukal, J.** "Treating male infertility: Can spectroscopy supplant biopsy in the search for sperm?" International Society for Magnetic Resonance in Medicine Annual Meeting, Honolulu HI. April 2017. Poster Presentation
8. Gross, M.S. (...), **Alukal, J.**,(...) Munarriz, R.M. "The Relationship Between Infection Severity, Microorganisms, and Surgical Intervention in Inflatable Penile Prosthesis Infections." Sexual Medicine Society of North America Annual Meeting, San Antonio TX, October 26-29, 2017. Podium Presentation
9. Gross, M.S. (...), **Alukal, J.**,(...) Munarriz, R.M. "Multicenter Investigation on the Influence of Climate on Penile Prosthesis Infection." Sexual Medicine Society of North America Annual Meeting, San Antonio TX, October 26-29, 2017. Podium Presentation
10. Gross, M.S. (...), Alukal, J.,(...) Munarriz, R.M. "New Findings Regarding the Timeline of Microorganisms in Inflatable Penile Prosthesis Infections." American Urological Association Annual Meeting, San Francisco CA, May 2018. Moderated Poster Presentation
11. Thaker, H., Ko, E., Sabanegh, E., Brannigan, R., **Alukal, J.**, Samplaski, M., "Empirical Medical Therapy For Idiopathic Male Infertility: A Follow-up Survey of the American Urological Association." American Urological Association Annual Meeting May 3-6, 2019. Chicago, IL., Moderated Poster Session.
12. Asafu-Adjei, D., Caputo, J., Bockting, W., Diah, J., **Alukal, J.** Stahl, P. "Mismatch Between Attitudes Towards Fertility And Clinical Care For Fertility Preservation In Transgender Women: Data from Project Affirm." American Urological Association Annual Meeting, May 2020 (postponed)

13. Ha, A., Punjani, N., Wang, V., Caputo, J., Wallace, B.K., Pina, L., Raup, V., Li, P., McKiernan, J. and Alukal, J., 2021. MP36-17 EXPLORING THE ASSOCIATION OF ANDROGEN MODULATION THERAPY AMONG MEN HOSPITALIZED WITH COVID19: A RETROSPECTIVE OBSERVATIONAL STUDY. *The Journal of Urology*, 206(Supplement 3), pp.e642-e642.

4. Books:

a. complete books written: Not Applicable

b. books edited:

1. "Testosterone." *Urologic Clinics of North America*. May 2016, 43(2). guest ed. **Alukal, JP.** ed. Taneja, S.
2. "Design and Implementation of a Men's Health Center: An Evidence Based Approach" 2020. **Alukal, JP.**, Walsh T., Lamm S., eds.

c. book chapters written:

1. **Alukal JP**, Mir J, Bergin C. Genitourinary Infection. *Handbook of Urology, Diagnosis and Therapy*. 3rd Ed. Editors, Siroky, Oates, Babayan, pp 206-231, 2004.
2. **Alukal, JP**, Lipshultz, L. "Cryopreservation of Testicular Sperm." *Textbook of Assisted Reproductive Techniques*. 3rd Ed. DK Gardner, CM Howles, A Weissman, et al. 2008, pp 323-326.
3. **Alukal, JP**, Khera, M, Wheeler, T., "The Testis Biopsy." *Infertility in the Male*. 4th Ed. 4th Ed. LI Lipshultz, S Howards, CS Niederberger. 2009. pp 215-25.
4. **Alukal, JP**, Lamb, DJ. "The Sertoli Cell." *Infertility in the Male*. 4th Ed. 4th Ed. LI Lipshultz, S Howards, CS Niederberger. 2009. pp 48-73.
5. **Alukal, JP**, Niederberger, C, Lamb, DJ, Makhoul, A. "Spermatogenesis." *Infertility in the Male*. 4th Ed. LI Lipshultz, S Howards, CS Niederberger. 2009. pp 74-89.
6. Hwang, K., **Alukal, JP**, Lamb, D., Lipshultz, L. "Cryopreservation of Testicular Sperm." *Textbook of Assisted Reproductive Techniques*. 4th Ed. DK Gardner, A Weissman, C Howles, Z Shoham. 2012, pp 258-261.
7. **Alukal, JP**, Lamb, DJ. "Advanced Tests of Sperm Function." *Reproductive Endocrinology and Infertility: Integrating Modern Clinical and Laboratory Practice.*, D Carrell, CM Peterson. 2010, pp 423-429
8. Khurana, K., **Alukal, J.**, "Demographics of Cancer in the Reproductive Age Male." *Cancer and Fertility*. 1st Ed., E Sabanegh, pp 1-10
9. **Alukal JP**, Mir J., Bergen, C. "Genitourinary Infection." *Handbook of Urology, Diagnosis and Therapy*. 4th Ed. Editors, M Siroky, R Oates, R Babayan. (in Publication)
10. **Alukal JP**, Oates, RD. "Male Infertility." *Handbook of Urology, Diagnosis and Therapy*. 4th Ed. Editors, Siroky, Oates, Babayan. (in Publication)

11. **Alukal JP**, Walsh TJ. "Multidisciplinary Men's Health." *Campbell-Walsh-Wein Urology*. 13th Edition. (In Publication)

5. Other works communicating research results to scientific colleagues:

1. **Alukal, J**. "Men's Reproductive Health." *Internal Medicine Board Review*. 2nd Edition. Ed. Izzo, J.

6. Other works communicating research results to general public:

1. **Alukal, J**; Yamaguchi, Y; Zhao, L. "Varicocelectomy: Single-port laparoscopic technique". *Urology Times*. 2015 June; pg. 43.