

Tamar Alkon, M.D, M.S, PhD

Reproductive Medicine Associates International- México
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PERSONAL BACKGROUND

Nationality: United States of America

POSITION AND APPOINTMENTS

Professor of the reproductive endocrinology fellowship program at Hospital Angeles del Pedregal

Founder and medical director of Clinica Brit (a welfare clinic that provides primary care to underserving populations in the Palo solo area, Mexico City)

Physician at Reproductive Medicine Associates international- Mexico

Cofounder and board of director of health services at the Global Poverty Challenge 2030

Associate editor for EXARMED

MEDICAL LICENSURE

2012-Current Mexico City #7433705

EDUCATION

2006-2012 Anahuac University, Mexico City
Doctor of Medicine

2013 Residency, Department of Obstetrics and Gynecology. American British Cowdray. Mexico City

2014-2016 Master of Science in Reproductive Sciences. Department of Obstetrics and Gynecology. Eastern Virginia Medical School. The Jones institute for Reproductive Medicine. Norfolk, Virginia

2017- 2024 PhD Reproductive clinical Sciences. Department of Obstetrics and Gynecology. Eastern Virginia Medical School. The Jones institute for Reproductive Medicine. Norfolk, Virginia

2023-2024 Specialization in assisted reproduction. IVI-RMA, Spain

PROFESSIONAL SOCIETIES

American Society for Reproductive Medicine (ASRM)
American College of Obstetricians and Gynecologists (ACOG)
Asociación Mexicana de Medicina Reproductiva (AMMR)
American College of Physicians (ACP)
Pan-American Association of Bioethics

COMMITTEE MEMBERSHIP

2015-Current Global Health Delivery (GHD)

2013- Current Ethics committee member. Instituto Mexicano de Alta Tecnología Reproductiva

2008-2010 Bioethics Committee. Anahuac University

2007-2012 Medical Student Research Committee. Anahuac University

HONORS AND AWARDS

1. ASRM 2023 prize paper "Method of spermatozoa recovery does not correlate with embryonic mosaicism in patients with severe male factor infertility." 79th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), New Orleans. October 2023
2. Recipient of the Society for Male Reproduction and Urology Prize Paper Award 2021 "Elevated sperm DNA fragmentation does not result in increased pregnancy loss rates after single, euploid frozen embryo transfer". 77th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Baltimore. October 2021
3. Academic excellence scholarship
4. First place in the XXII clinical case academic competition for residents and interns "Dr. Nicolas Kauffer" with the title "Jejunum angiodispalsia. Submission and review of clinical case"
5. Social service in research (among 115 students only 2 were chosen).
6. Outstanding performance achieved in the CENEVAL (written final medical exam)
7. Recognition from the American College of Internal Medicine, for assisting to the clinical cases sessions for students
8. President of the medical student research committee, period 2007-2012
9. Vice president of the Anahuac Medical Student Society, period 2007-2008

JOURNAL REVIEWER

Journal of Assisted Reproduction and Genetics

BIBLIOGRAPHY

Articles:

1. **Tamar Alkon-Meadows**, Liang Yu, Ricardo Asch, Carlos Hernández-Nieto, Silvina Bocca. Tumor necrosis factor alpha and milk fat globule-epidermal growth factor 8: Novel biomarkers to predict implantation failure and pregnancy loss. *The Journal of Reproduction*: Vol. 4 No. 1 (2024).
2. Jorge Suarez, L Zamora, **Tamar Alkon- Meadows**, Ricardo Asch. Advancements in Artificial Intelligence in the study of Endometrium. *The Journal of Reproduction*: Vol. 4 No. 1 (2024).
3. Hernandez-Nieto C, Siddiqui S, Mejia-Fernandez L, **Meadows TA**, Lee J, Slifkin R, Mukherjee T, Copperman AB. Effect of various contraceptives on oocyte yield and maturation in patients undergoing planned oocyte cryopreservation: a retrospective cohort study. *Reproductive BioMedicine Online*. 2024 May 7:104105.
4. Schuff RH, Suarez J, Laugas N, Ramirez ML, **Alkon T**. Artificial intelligence model utilizing endometrial analysis to contribute as a predictor of assisted reproductive technology success. *Journal of IVF-Worldwide*. 2024 Apr 24;2(2).
5. Estevez SL, Gellman C, Ghofranian A, **Alkon-Meadows T**, Hernandez-Nieto C, Gounko D, Lee JA, Copperman AB, Friedenthal J. Obstetric outcomes of nulliparous women with pelvic pain undergoing fertility treatment. *Reproductive BioMedicine Online*. 2024 Mar 2:103913.
6. Bergin K, Estevez SL, **Alkon-Meadows T**, Nyein E, Cohen N, Hernandez-Nieto C, Gounko D, Lee JA, Copperman AB, Buyuk E. Single euploid embryo transfer outcomes after uterine septum resection. *J Minim Invasive Gynecol*. 2024 Feb 13:S1553-4650(24)00068-2.
7. **Alkon-Meadows T**, Hernandez-Nieto C, Jackson-Bey T, Cacchione TA, Lee J, Luna-Rojas M, Gounko D, Copperman A, Buyuk E. Correlation of self-reported racial background to euploidy status and live birth rates in assisted reproductive technology cycles. *J Assist Reprod Genet*. 2024 Jan 31.
8. Asch Schuff RH, **Alkon T**, Zamora Ramirez ML, Suarez J, Laugas N. Ultrasonographic endometrial classification in In Vitro Fertilization: a new approach. *Journal of IVF Worldwide*. 2023;1(1-3).
9. **Tamar Alkon-Meadows**, **Hernández-Nieto C**, Luna-Rojas M. Surgical sperm extraction versus semen centrifugation: Method of spermatozoa recovery does not correlate with euploidy rates in patients with cryptozoospermia. *The Journal of Reproduction*: Vol. 2 No. 1 (2023)
10. Hernandez-Nieto C, Lee J, **Alkon-Meadows T**, Soto-Cossio L, Sandler B, Mukherjee T, Copperman A. Recent clomiphene citrate exposure does not impact subsequent clinical outcomes in single euploid frozen embryo transfer cycles. *Hum Reprod*. 2023.
11. Hernandez-Nieto C, Lee J, **Alkon-Meadows T**, Briton-Jones C, Sandler B, Copperman A, Mukherjee T. Biological relevance of trophoctoderm morphology: initial β -hCG measurements correlate with trophoctoderm grading on euploid frozen embryo transfers. *J Assist Reprod Genet*. 2022 Jun 25.
12. **Alkon-Meadows T**, Hernandez-Nieto C, Luna-Rojas M. Surgical sperm extraction versus semen centrifugation: Method of spermatozoa recovery does not correlate with euploidy rates in patients with cryptozoospermia. *The Journal of Reproduction*: Vol. 1 No. 1 (2022).

13. **Tamar AM**, Martha LR, Carlos HN, Deborah CB, Benjamin S. Hysteroscopic endometrial peeling as a different approach to endometrial scratching. Case series report. J Gynecol Obstet Hum Reprod. 2021 Jul 7;50(10):102195.
14. Friedenthal J, **Alkon-Meadows T**, Hernandez-Nieto C, Gounko D, Lee JA, Copperman A, Buyuk E. The association between prior cesarean section and subsequent in vitro fertilization outcomes in women undergoing autologous frozen thawed single euploid embryo transfer. Am J Obstet Gynecol. 2021 Mar 30:S0002-9378(21)00206-4.
15. Hernandez-Nieto C, Gayete-Lafuente S, **Alkon-Meadows T**, Lee J, Luna-Rojas M, Mukherjee T, Copperman AB, Sandler B. Parental chromosomal heteromorphisms are not associated with an increased risk of embryo aneuploidy. JBRA Assist Reprod. 2020 Nov 5.
16. Gutiérrez-Vela O, Hernández-Nieto C, **Alkon-Meadows T**, Luna-Rojas M, Sandler B. Los índices elevados de fragmentación del ADN espermático no se asocian con escasa blastulación o aumento de aneuploidía embrionaria en tratamientos de fertilización *in vitro*. Reproducción (México). 2020; Vol. 11: 10 de septiembre 1-9
17. Hernandez-Nieto C, Lee JA, **Alkon-Meadows T**, Luna-Rojas M, Mukherjee T, Copperman AB, Sandler B. Late follicular phase progesterone elevation during ovarian stimulation is not associated with decreased implantation of chromosomally screened embryos in thaw cycles. Hum Reprod. 2020 Aug 1;35(8):1889-1899.
18. Carlos Hernandez-Nieto, **Tamar Alkon**, Martha Luna-Rojas, et al. Expanded carrier screening for preconception reproductive risk assessment: Prevalence of carrier status in a Mexican population. Prenatal Diagnosis. 2020;1–9.
19. **Alkon-Meadows T**, Luna-Rojas M, Hernández-Nieto C, Sandler B. Istmocele: una revisión sistemática de la literatura. Ginecol Obstet Mex 2019, Dic 2019;87(9)
20. **Tamar Alkon-Meadows**, Martha Luna-Rojas, Enrique Cervantes-Bravo, Carlos Hernández-Nieto, Benjamín Sandler. Efecto del tabaquismo en la fertilidad femenina y masculina. Reproducción (México) 2019; Vol. 10: 2 de agosto 1-13
21. Benardete D, Meraz D, **Alkon T**. Nudos verdaderos de cordón umbilical. Reporte de 4 casos. An Med (Mex) 2015; 60 (2): 137-140.
22. Benardete D, Meraz D, **Alkon T**, Halabe J. Anticonceptivos hormonales y alteración las pruebas de función tiroidea. Med Int Méx, 2015;31:590-595.
23. Montañez T, **Alkon T**, Suarez H. incidence of breast cancer and its association with oral contraceptives in patients admitted to the ABC hospital for chemotherapy from 2007- 2012. An Med (Mex) 2013; 55 (2): 120-128.
24. Mestre H, **Alkon T**, Ibarra A. Spinal cord injury sequelae alter drug pharmacokinetics: and overview. Spinal Cord, 2011;49(9):955-60

Books:

1. Carlos J. González Quesada, **Tamar Alkon Meadows**. Guías EXARMED. Fifth Edition Intesistemas, Mexico City, 2015.
2. Carlos J. González Quesada, **Tamar Alkon Meadows**. Guías de práctica clínica, EXARMED. First edition. Intesistemas, Mexico City, 2013.

Book chapters

1. **Alkon T**. Endometriosis. Manual del médico interno de pregrado. Intersistemas, Mexico City, 2015. Chapter 2.26
2. **Alkon T**. Normal menstrual cycle. Guia EXARMED 5th edition. Intersistemas, Mexico City, 2015. Chapter 17.1

3. **Alkon T.** Ovary pathology. Guia EXARMED 5th edition. Intersistemas, Mexico City, 2015. Chapter 17.8
4. **Alkon T.** Infertility. Guia EXARMED 5th edition. Intersistemas, Mexico City, 2015. Chapter 17.3
5. **Alkon T.** Abnormal menstrual cycle. Guia EXARMED 5th edition. Intersistemas, Mexico City, 2015. Chapter 17.2
6. **Alkon T.** Sexual transmitted diseases. Guia EXARMED 5th edition. Intersistemas, Mexico City, 2015. Chapter 17.4
7. **Alkon T.** Cervical cancer. Guia EXARMED 5th edition. Intersistemas, Mexico City, 2015. Chapter 17.7
8. **Alkon T.** Preterm labor and its complications. Guia EXARMED 5th edition. Intersistemas, Mexico City, 2015. Chapter 17.14
9. **Alkon T.** Teratogens. Guia EXARMED 5th edition. Intersistemas, Mexico City, 2015. Chapter 17.21
10. **Alkon T.** Primary prevention and screening of preterm birth. Guías de prácticas clínicas EXARMED, Intersistemas, Mexico City, 2013. Chapter 15.14
11. **Alkon T.** Rubella during pregnancy. Guías de prácticas clínicas EXARMED, Intersistemas, Mexico City, 2013. Chapter 15.16
12. **Alkon T.** Infectious vaginitis. Guías de prácticas clínicas EXARMED, Intersistemas, Mexico City, 2013. Chapter 15.29
13. **Alkon T.** Uterine rupture. Guías de prácticas clínicas EXARMED, Intersistemas, Mexico City, 2013. Chapter 15.34
14. **Alkon T.** Puerperal sepsis. Guías de prácticas clínicas EXARMED, Intersistemas, Mexico City, 2013. Chapter 15.35
15. **Alkon T.** Prenatal control. Guías de prácticas clínicas EXARMED, Intersistemas, Mexico City, 2013. Chapter 15.36
16. **Alkon T.** Endometriosis. Manual del médico interno de pregrado. Intersistemas, Mexico City, 2012. Chapter 2.26
17. **Alkon T, Ibarra A.** Kinetics of mast cells migrating to the site of injury in rats with spinal cord injury.

ABSTRACTS:

1. **Tamar Alkon-Meadows**, Carlos Hernández-Nieto, Joseph A. Lee, Morgan Baird, Martha Luna Rojas, Erkan Buyuk, Alan B Copperman. Does the incidence of embryonic mosaicism vary with genetic indication for in vitro fertilization. Poster presentation, 80th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Denver. October 2024.
2. Carlos Hernandez, Loreli Mejia-Fernandez, **Tamar Alkon-Meadows**, Joseph Lee, Richard E. Slifkin, Natan Bar-Chama, Alan B Copperman, Tanmoy Mukherjee. Time interval between sperm processing and intracytoplasmic sperm injection (ICSI) outcomes in preimplantation genetic testing cycles (PGT-A): implications for laboratory management. Poster Presentation. 80th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Denver. October 2024.
3. Rebecca Zhuo, **Tamar Alkon-Meadows**, Atoosa Ghofranian, Morgan Baird, Dmitry Gounko, Joseph A. Lee, Alan B Copperman, and Erkan Buyuk. Effect of trophoctoderm re-biopsy on serum β -human chorionic gonadotropin levels in pregnancies resulting in live births. Oral presentation, 80th Annual Scientific

Congress & Expo of the American Society for Reproductive Medicine (ASRM), Denver. October 2024.

4. Bethany Dubois, **Tamar Alkon Meadows**, Alan B Copperman, Samantha Esteves. Live birth rates in same-sex female couples are similar between co-in-vitro fertilization (CO-IVF) and autologous IVF. Oral presentation, 80th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Denver. October 2024.
5. **Alkon Meadows Tamar**, Hernández- Nieto Carlos, Luna Rojas Martha. La administración de hidroxiclороquina en pacientes con anticuerpos antinucleares positivos que se someten a un ciclo de transferencia de un embrión euploide mejoran las tasas de embarazo clínico. Oral presentation, Congreso Anual AMMR, Cancún, Julio 2024.
6. **Alkon Meadows Tamar**, Hernández- Nieto Carlos, Luna Rojas Martha. Efecto de la hiperestimulación ovárica controlada en los niveles séricos del factor de necrosis tumoral alfa (TNF α) y del factor de crecimiento epidérmico del glóbulo graso de leche 8 (MGF-E8), y en la expresión endometrial. Oral presentation, Congreso Anual AMMR, Cancún, Julio 2024.
7. **Alkon Meadows Tamar**, Hernández- Nieto Carlos, Luna Rojas Martha. Resolución de un embarazo heterotópico asintomático mediante laparoscopia: reporte de un caso. Poster presentation, Congreso Anual AMMR, Cancún, Julio 2024.
8. Paola Guerrero, Stephanie Lizmi, **Tamar Alkon-Meadows**, et al. comparison of IVF outcomes from use of 2 different PGT-A laboratories. Oral presentation, Congreso Anual AMMR, Cancún, Julio 2024.
9. **Tamar Alkon-Meadows**, Carlos Hernandez-Nieto, Joseph A. Lee, Richard E. Slifkin, Natan Bar-Chama, Martha Luna Rojas, Alan B Copperman, and Erkan Buyuk. Method of spermatozoa recovery does not correlate with embryonic mosaicism in patients with severe male factor infertility. Oral presentation, 79th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), New Orleans. October 2023.
10. **Tamar Alkon-Meadows**, Carlos Hernandez-Nieto, Joseph A. Lee, Richard E. Slifkin, Natan Bar-Chama, Martha Luna Rojas, Alan B Copperman and Erkan Buyuk. Elevated sperm DNA fragmentation is not correlated with embryonic mosaicism in patients undergoing IVF with PGT-A. Poster presentation, 79th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), New Orleans. October 2023.
11. Rebecca Zhuo, **Tamar Alkon-Meadows**, Atoosa Ghofranian, Morgan Baird, Dmitry Gounko, Joseph A. Lee, Alan B Copperman, and Erkan Buyuk. Association between specific chromosome abnormalities and gestational age and stage of spontaneous abortions. Oral presentation, 79th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), New Orleans. October 2023.
12. Paola Guerrero, Stephanie Lizmi, **Tamar Alkon-Meadows**, et al. comparison of IVF outcomes from use of 2 different PGT-A laboratories. Poster presentation, 79th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), New Orleans. October 2023.
13. Carlos Hernandez-Nieto, Saher Siddiqui, **Tamar Alkon-Meadows**, Luz E Soto Cossio, Joseph A. Lee, Rose Marie Roth, Tanmoy Mukherjee, and Alan B Copperman. Contraceptive use does not influence vitrified oocyte yield in patients undergoing oocyte cryopreservation. Poster presentation, 79th

Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), New Orleans. October 2023.

14. Samantha Lauren Estevez, **Tamar Alkon-Meadows**, Atoosa Ghofranian, Caroline Gellman, Rebecca Zhuo, Sarah C Roger, Shawn Kripalani, Arthur Arcaz, Bethany Dubois, Isabelle C Band, Katrina S Nietsch, Arielle Coughlin, Carlos Hernandez-Nieto, Morgan Baird, Joseph A. Lee, Alan B Copperman, and Jenna Friedenthal. Evaluating embryo euploidy in in vitro fertilization patients diagnosed with inflammatory bowel disease. Poster presentation, 79th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), New Orleans. October 2023.
15. Carlos Hernandez-Nieto, Saher Siddiqui, **Tamar Alkon-Meadows**, Joseph A. Lee, Chelsea M. Canon, Richard E. Slifkin, Alan B. Copperman, and Tanmoy Mukherjee. Reproductive potential of double inner-cell mass embryos: a case series and matched analysis in single euploid blastocyst transfers. Poster presentation, 79th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), New Orleans. October 2023.
16. **Alkon Meadows Tamar**, Hernández- Nieto Carlos, León Martínez Isabel, Luna Rojas Martha. Reserva ovárica y respuesta a la estimulación ovárica en pacientes oncológicas sometidas a tratamientos de preservación de la fertilidad acorde al origen primario de malignidad. Poster presentation, Congreso Anual AMMR, Acapulco, Julio 2023.
17. **Alkon Meadows Tamar**, Hernández- Nieto Carlos, León Martínez Isabel, Luna Rojas Martha. Reserva ovárica y respuesta a la estimulación ovárica en pacientes oncológicas sometidas a tratamientos de preservación de la fertilidad en comparación con mujeres sin diagnóstico de cáncer. Poster presentation, Congreso Anual AMMR, Acapulco, Julio 2023.
18. Martha Luna-Rojas, **Tamar Alkon**, Carlos Hernández-Nieto. Understanding the utility of hysteroscopic endometrial peeling in women with implantation failure. Poster presentation, ESHRE Annual Meeting, Copenhagen, Denmark. June 2023.
19. **Alkon Meadows Tamar**, Carlos Hernández-Nieto, Jenna Friedenthal, Joseph A. Lee, Benjamin Sandler, Martha Luna Rojas, et al. Outcomes of autologous single thawed euploid embryo transfer in women with history of a previous cesarian section. Poster presentation, 78th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Anaheim. October 2022.
20. **Alkon Meadows Tamar**, Carlos Hernández-Nieto, Tia Jackson-Bey, Joseph A. Lee, Benjamin Sandler, Martha Luna Rojas, et al. Utilizing multi-ethnic disease modeling to understand the biological processes of embryonic mosaicism. Poster presentation, 78th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Anaheim. October 2022.
21. **Alkon Meadows Tamar**, Carlos Hernández-Nieto, Nathan Bar Chama, Tia Jackson-Bey, Joseph A. Lee, Benjamin Sandler, Martha Luna Rojas, et al. Racial disparities in semen parameters among couples undergoing in vitro fertilization. Poster presentation, 78th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Anaheim. October 2022.
22. Samantha Lauren Estevez, Caroline Gellman, Atoosa Ghofranian, **Tamar Alkon-Meadows**, Carlos Hernández-Nieto, Dmitry Gounko, et al. Obstetric

- outcomes of fertility patients with pelvic pain disorders. Oral presentation, 78th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Anaheim. October 2022.
23. Samantha Lauren Estevez, **Tamar Alkon-Meadows**, Natalie Cohen, Ethan Nyein, Keri Bergin, Carlos Hernández-Nieto, et al. Single euploid embryo transfer outcomes after uterine septum resection. Poster presentation, 78th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Anaheim. October 2022.
 24. Carlos Hernandez-Nieto, **Tamar Alkon-Meadows**, Dmitry Gounko, Joseph A. Lee, Richard E. Slifkin, Chelsea M. Canon, et al. Patience is a virtue: the clinical viability of embryos derived from late maturing oocytes. Poster presentation, 78th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Anaheim. October 2022.
 25. **Alkon Meadows Tamar**, Luna Rojas Martha, Nieto Carlos, Sandler Benjamín. FIV con PGT-A versus manejo expectante en mujeres con pérdidas recurrentes del embarazo. Poster presentation, Congreso Anual AMMR, Mérida, Julio 2022.
 26. **Alkon Meadows Tamar**, Luna Rojas Martha, Nieto Carlos, Sandler Benjamín. Resección histeroscópica de un embarazo ectópico en la cicatriz de la cesárea: reporte de un caso. Poster presentation, Congreso Anual AMMR, Mérida, Julio 2022.
 27. **T. Alkon**, L. Yu, M. Luna, C. Hernandez-Nieto, B. Sandler, R. Asch, H. Rusell, S. Bocca. Tumor necrosis factor alpha and milk fat globule-epidermal growth factor 8: novel biomarkers to predict implantation failure and pregnancy loss. Poster presentation, ESHRE Annual Meeting, Milan, Italy. July 2022.
 28. Martha Luna-Rojas, **Tamar Alkon**, Carlos Hernández-Nieto, Deborah Cassis and Benjamin Sandler. Post trigger progesterone levels as a predictor of oocyte recovery rate. Poster presentation, ESHRE Annual Meeting, Milan, Italy. July 2022.
 29. **Alkon Meadows Tamar**, Carlos Hernández-Nieto, Deborah Cassis-Bendeck, Joseph A. Lee, et al. Elevated sperm DNA fragmentation does not result in increased pregnancy loss rates after single, euploid frozen embryo transfer. Oral presentation, 77th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Baltimore. October 2021.
 30. **Alkon Meadows Tamar**, Tia Jackson-Bey, Carlos Hernandez-Nieto, Dmitry Gounko, Deborah Cassis-Bendeck, Martha Luna-Rojas, et al. Effect of race on euploidy status and live birth rates in ART treatments. Oral presentation, 77th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Baltimore. October 2021.
 31. Carlos Hernandez-Nieto, Joseph A. Lee, **Tamar Alkon-Meadows**, Daniel E. Stein, Alan B. Copperman, Benjamin Sandler. Revisiting old habits: there is no benefit in prescribing methylprednisolone administration during euploid embryo transfers in the general infertile population. Oral presentation, 77th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Baltimore. October 2021.
 32. Devora Aharon, Guillaume Stoffels, Dmitry Gounko, **Tamar Alkon**, Joseph A. Lee, Eric Flisser, et al. Optimal number of euploid embryos needed to achieve a desired family size: a personalized predictive model. Oral

- presentation, 77th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Baltimore. October 2021.
33. Carlos Hernández-Nieto, Teresa A. Cacchione, **Tamar Alkon-Meadows**, Deborah Cassis-Bendeck, Dmitry Gounko, Joseph A. Lee, et al. Congenital adrenal hyperplasia due to 21-oh deficiency carrier status is not associated with impaired oocyte or embryonic quality. Oral presentation, 77th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Baltimore. October 2021.
 34. Devora Aharon, **Tamar Alkon**, Carlos Hernandez-Nieto, Carlene Alouf, Dana Neitzel, Lauren Walters-Sen, et al. The morphology of mosaicism: characterizing low- and high-level mosaic embryos compared to euploid embryos. Poster presentation, 77th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Baltimore. October 2021.
 35. Carlos Hernandez-Nieto, Joseph A. Lee, **Tamar Alkon-Meadows**, Deborah Cassis-Bendeck, Martha Luna-Rojas, Alan B. Copperman. Cleavage stage morphology is not associated with the implantation potential of screened blastocysts. Poster presentation, 77th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Baltimore. October 2021.
 36. Carlos Hernandez-Nieto, Joseph A. Lee, **Tamar Alkon-Meadows**, Deborah Cassis-Bendeck, Martha Luna-Rojas, Alan B. Copperman. The hypothesis of preferential loss of female embryos: embryonic sex is not associated with increased odds of early pregnancy loss. Poster presentation, 77th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Baltimore. October 2021.
 37. Devora Aharon, Dmitry Gounko, **Tamar Alkon**, Joseph A. Lee, Natan Bar-Chama, Erkan Buyuk, et. Al Male factor infertility is associated with decreased progression to clinical pregnancy in euploid embryo transfers. Poster presentation, 77th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Baltimore. October 2021.
 38. Devora Aharon, **Tamar Alkon**, William J. Hanley, Dmitry Gounko, Joseph A. Lee, Alan B. Copperman. Prolonged duration of oral contraceptive use immediately prior to IVF stimulation decreases blastulation rate in GnRH antagonist cycles. Poster presentation, 77th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Baltimore. October 2021.
 39. D.M. Cassis, **T. Alkon**, R. Rivas, M. Luna. Laparoscopic Abdominal Cerclage: Ensuring the Best Fertility Outcome. Video presentation, Journal of Minimally Invasive Gynecology, Volume 28, Issue 11, Supplement, 2021.
 40. **Alkon Meadows Tamar**, Luna Rojas Martha, Nieto Carlos, Sandler Benjamín. La combinación de dehidroepiandrosterona, testosterona transdérmica y hormona del crecimiento como terapia adyuvante en ciclos de fertilización in vitro en pacientes con reserva ovárica disminuida. Poster presentation, Congreso Anual AMMR, Acapulco, Julio 2021.
 41. **Alkon Meadows Tamar**, Luna Rojas Martha, Hernández Nieto Carlos, Sandler Benjamín. El lavado folicular incrementa el número de ovocitos recuperados en mujeres con reserva ovárica disminuida y niveles séricos de progesterona ≤ 4.8 ng/ml un día posterior al disparo. Poster presentation, Congreso Anual AMMR, Acapulco, Julio 2021.

42. **Tamar Alkon**, Martha Luna-Rojas, Carlos Hernández-Nieto, Deborah Cassis and Benjamin Sandler. Luteinization after final oocyte maturation induction is not compromised in women that receive double dose of Gonadotrophin-releasing hormone antagonists during controlled ovarian hyperstimulation. Poster presentation, ESHRE Virtual Annual Meeting, June 2021.
43. **Tamar Alkon-Meadows**, Carlos Hernandez-Nieto, Joseph A. Lee, Rose Marie Roth, Richard Slifkin, Deborah Cassis-Bendeck, Martha Luna-Rojas, Alan B Copperman, and Benjamin Sandler. Outcomes following transfer of embryos whose PGT-A results were indeterminate and that were not re-biopsied. Poster presentation, 76th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Portland, Oregon. October 2020.
44. Jenna Friedenthal, Dmitry Gounko, **Tamar Alkon-Meadows**, Carlos Hernandez-Nieto, Joseph A. Lee, Alan B Copperman and Erkan Buyuk. The association between prior cesarean section and assisted reproductive technology (ART) outcomes in women undergoing autologous single thawed euploid embryo transfer. Oral presentation, 76th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Portland, Oregon. October 2020.
45. Carlos Hernández-Nieto, Joseph A. Lee, **Tamar Alkon-Meadows**, Martha Luna-Rojas, Tanmoy Mukherjee, Alan B Copperman and Benjamin Sandler. Clomiphene citrate exposure does not adversely affect clinical outcomes in single, euploid FET cycles. Oral presentation, 76th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Portland, Oregon. October 2020.
46. Carlos Hernandez-Nieto, **Tamar Alkon-Meadows**, Joseph A. Lee, Daniel E. Stein, Alan B Copperman, Benjamin Sandler and Erkan Buyuk .Baseline progesterone elevation at the onset of ovarian stimulation is neither correlated with embryo quality nor euploidy rate. Poster presentation, 76th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Portland, Oregon. October 2020.
47. Carlos Hernández-Nieto, Joseph A. Lee, **Tamar Alkon Meadows**, Deborah Cassis-Bendeck, Martha Luna-Rojas, Alan B Copperman and Benjamin Sandler. Oral contraceptive pretreatment does not alter live birth rates in PGT-A screened frozen embryo transfer cycles. Poster presentation, 76th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Portland, Oregon. October 2020.
48. **Tamar Alkon**, Martha Luna-Rojas, Carlos Hernández-Nieto, Deborah Cassis and Benjamin Sandler. Hysteroscopic endometrial peeling: a different approach to endometrial scratching. Poster presentation, ESHRE Virtual Annual Meeting, June 2020.
49. Martha Luna-Rojas, **Tamar Alkon**, Carlos Hernandez-Nieto, Deborah Cassis and Benjamin Sandler. Evaluating the clinical utility of endometrial receptivity analysis test in women with recurrent pregnancy loss. Poster presentation, ESHRE Virtual Annual Meeting, June 2020.
50. Carlos Hernández-Nieto, Joseph A. Lee, **Tamar Alkon**, Martha Luna-Rojas, Christine Briton-Jones, Natan Bar-Chama, Alan B Copperman, Benjamin Sandler. Sedimentation versus surgery: testicular and ejaculated sperm result in similar IVF outcomes in patients with cryptozoospermia. Poster Presentation, 75th Annual Scientific Congress & Expo of the American

Society for Reproductive Medicine (ASRM), Philadelphia, Pennsylvania. October 2019.

51. Carlos Hernández-Nieto, **Tamar Alkon**, Martha Luna-Rojas, Jeffrey Klein, Alan B Copperman, Benjamin Sandler. Premature luteinization in the era of PGT-A: embryonic reproductive potential is not affected by elevated progesterone levels during ovarian hyperstimulation. Oral Presentation, 75th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Philadelphia, Pennsylvania. October 2019.
52. Carlos Hernández-Nieto, Joseph A. Lee, Martha Luna-Rojas, **Tamar Alkon**, Christine Briton-Jones, Natan Bar-Chama, Alan B. Copperman, Benjamin Sandler. Surgical sperm extraction vs. Semen centrifugation: method of spermatozoa recovery does not correlate with euploidy rates in patients with cryptozoospermia. Oral Presentation, 75th Annual Scientific Congress & Expo of the American Society for Reproductive Medicine (ASRM), Philadelphia, Pennsylvania. October 2019.
53. Carlos Hernández-Nieto, **Tamar Alkon**, Joseph A. Lee, Martha Luna, Alan B. Copperman, Benjamin Sandler. Evaluating the clinical utility of endometrial biopsy for chronic endometritis screening in patients who experience implantation failure following euploid embryo transfer. ESHRE Annual Meeting in Vienna, June 2019.
54. Carlos Hernández-Nieto, **Tamar Alkon**, Joseph A. Lee. A mature cystic teratoma on the ovary does not alter in vitro fertilization success rate. ACOG annual meeting, Nashville TN, May 2019.
55. Yu L, **Alkon T**, Oehninger S, Bocca S. Possible Endometrial Angiogenic Role of MFGE8 and Its Ability to Predict Implantation Failure in IVF. Society of Reproductive Investigation Annual Scientific Meeting, Paris, France, March 2019.
56. Carlos Hernández-Nieto, **Tamar Alkon**, Joseph A. Lee, Dmitry Gounko, Enrique Cervantes, Alan B. Copperman, Benjamin Sandler. Parental heterochromatic chromosomal variants are not associated with an increased risk of embryo aneuploidy. Poster presentation, American society for reproductive medicine, Denver, Colorado, October 2018.
57. Carlos Hernández-Nieto, **Tamar Alkon**, Joseph A. Lee, Martha Luna, Enrique Cervantes, Alan B. Copperman, Benjamin Sandler. The presence of MTHFR gene polymorphisms is not associated with impaired clinical IVF outcomes after a euploid embryo transfer. Poster presentation, American society for reproductive medicine, Denver, Colorado, October 2018.
58. **Alkon Meadows Tamar**, Luna Rojas Martha, Cervantes Bravo Enrique· Hernández Nieto Carlos, Sandler Benjamín. Efectos del scratching endometrial realizado mediante histeroscopia quirúrgica en mujeres con antecedente de ciclos de fertilización asistida fallidos. Poster presentation, Congreso Anual AMMR, Puerto Vallarta, Julio 2018.
59. **Alkon Meadows Tamar**, Luna Rojas Martha, Cervantes Bravo Enrique· Hernández Nieto Carlos, Sandler Benjamín. Tratamiento exitoso de un istmocele mediante histeroscopia quirúrgica: Reporte de un caso. Congreso Anual AMMR, Puerto Vallarta, Julio 2018.
60. Yu L, **Alkon T**, Oehninger S, Bocca S. "TNFα and MFG-E8: novel biomarkers to predict implantation failure" Society of Reproductive Investigation Annual Scientific Meeting, San Diego, California, March 2018.

61. **Alkon T**, Lopez P, Cervantes E, Asch R. Clinical results of embryos vitrified on day 3, thawed and cultured in vitro to day 5 prior to transfer. Poster presentation, FRM, New York city, 2017.

CURRENT FUNDED RESEARCH

TNF α and MFG-E8: novel biomarkers to predict implantation failure

RESEARCH EXPERIENCE

- 2017-2024 PhD in reproductive clinical sciences
Research on TNF α and MFG-E8: novel biomarkers to predict implantation failure
The Jones Institute for Reproductive Medicine, Norfolk Virginia
- 2014-2016 Masters in reproductive clinical sciences
Research on HIV and assisted reproductive technologies and infertility
The Jones Institute for Reproductive Medicine, Norfolk Virginia
- 2013 Research rotation
Conducted a systematic review of the literature on the incidence, etiology and effect of retained embryos following embryo transfer.
Reproductive Medicine Associates of New York, New York
- 2012 Research assistant
Conducted a retrospective study on the incidence of breast cancer and its association with oral contraceptives in patients admitted to the ABC hospital for chemotherapy from 2007-2012.
ABC Hospital, Mexico City
- 2011-2012 Social Service in Research
Performed microsurgery on rats, electrophoresis, staining and microscopy in order to establish the kinetics of mast cells migrating to the site of injury in rats with spinal cord injury.
Centro de investigación CAMINA, México City
- 2011 Research methodology course (40 hours)
Anahuac University, Mexico City
- 2008 Organizer and assisted to the first summer of medical research Anahuac
Performed animal manipulation, real time PCR, electrophoresis, western blood among other activities.
Anahuac University, Mexico City

2007-2012 Research assistant

Study the inflammation effects on rats after spinal cord injury

Anahuac University, Mexico City

ADDITIONAL CERTIFICATIONS

- Basic Life Support Certify (BLS), ABC hospital, Mexico City 2024
- Pronokal diet counsel certify. Mexico City
- Advance Life Support Certify (ATLS), ABC hospital, Mexico City
- International course of internal medicine. Centro médico nacional siglo XXI, México.
- ECOS VII international meeting of surgery. Wall trade center, Mexico City
- Urology for the general practitioner. General Hospital of Mexico, Mexico
- Immunology applied in medicine and its specialties. General Hospital of Mexico.
- Certificate in Montessori teacher education. Pan American Montessori Society, Mexico City

LANGUAGES

- English - native
- Spanish - native
- Hebrew - advanced
- Yiddish - fair