

Below is a presentation of current publications relevant to ART procedure outcomes associated with use of ZyMöt devices for sperm sample preparation. These publications are categorized according to the ART procedures outcomes topics shown to facilitate review of the literature by topic. This is intended to help you decide how to use ZyMöt devices in your fertility laboratory and clinical practice.*

Clinical Pregnancy

- 1 UTILIZING SPERMATOZOA WITH THE HIGHEST GENOMIC INTEGRITY ENHANCES ICSI OUTCOME.
Keating, D., Tavares, D., Rosenwaks, Z., Palermo, G. Fertility and Sterility Vol. 116, E67-E68(2021). doi: <https://doi.org/10.1016/j.fertnstert.2021.07.190>
- 2 ICSI OUTCOMES USING SPERMATOZOA WITH OPTIMAL GENOMIC INTEGRITY
Parrella, Alessandra. ASRM 2020
<https://www.zymotfertility.com/wp-content/uploads/2021/01/Parrella-et-al-ASRM-2020-abstract-O-69.pdf>
- 3 SUPERIOR SPERM SELECTION? MICROFLUIDIC SPERM SORTING IMPROVES EUPLOID EMBRYO ONGOING PREGNANCY RATE COMPARED TO DENSITY GRADIENT CENTRIFUGATION
Palmerola, Katherine L. *et al.* ASRM 2020
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- 4 EUPLOIDY RATES AND PREGNANCY OUTCOMES USING THE ZYMOT DEVICE FOR SPERM PREPARATION
Anderson, Anthony R. *et al.* ASRM 2020
<https://www.zymotfertility.com/wp-content/uploads/2021/01/Anderson-et-al-ASRM-2020-abstract-O-104.pdf>
- 5 COMPARISON OF MICROFLUID SPERM SORTING CHIP AND DENSITY GRADIENT METHODS FOR USE IN INTRAUTERINE INSEMINATION CYCLES
Gode, F., Bodur T., Güntürkün F., *et al.* Fertility and Sterility. Volume 112, Issue 5, November 2019, Pages 842-848.e1. <https://doi.org/10.1016/j.fertnstert.2019.06.037>
- 6 MICROFLUIDIC SELECTION OF SPERMATOZOA RETAINS CHROMATIN INTEGRITY AND YIELDS HIGHER PREGNANCY RATES
Parrella A., Xie P., Keating D., *et al.* ASRM 2018. <https://doi.org/10.1016/j.fertnstert.2018.07.957>
- 7 IMPROVING PREGNANCY RATE IN IVF CYCLES BY PREPARING SPERM VIA MICROFLUIDIC SPERM CHIPS
Alagöz O., Özkara G., Koçer Yazıcı M. G., *et al.* ESHRE 2017
<https://www.zymotfertility.com/wp-content/uploads/2020/01/improving-pregnancy-rate-in-ivf-cycles-f%C4%B1%C3%A7%C4%B1c%C4%B1o%C4%9Flu-eshre-2017.pdf>
- 8 MACS Vs MICROFLUIDICS SPERM SORTING FOR RAISED SPERM DFI - A RCT
Durga Rao, Krishna Chaitanya M., Oasis Fertility – Hyderabad, India
https://academic.oup.com/humrep/article/37/Supplement_1/deac104.108/6620288
- 9 MICROFLUIDIC SPERM SELECTION DEVICE INCREASES CLINICAL PREGNANCY RATE IN IVF/PGT-A CYCLES
C.Z. Berton¹, I. Yoshida¹, P. Carvalho¹, R. Souza¹, L.D.C. Onoda¹, E.B. Cordts², C.P. Barbosa².
¹Instituto Ideia Fértil de Saúde Reprodutiva, Embryology, São Paulo, Brazil, ²Instituto Ideia Fértil de Saúde Reprodutiva, Gynecology, São Paulo, Brazil.
https://academic.oup.com/humrep/article/37/Supplement_1/deac107.115/6619906

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- 5 MICROFLUIDIC SPERM SELECTION IS AN EFFECTIVE METHOD FOR IMPROVING EMBRYO DEVELOPMENTAL COMPETENCE IN IVF WITH OLDER PATIENTS
Mastunga, Rie *et al.* ASRM 2020
<https://www.zymotfertility.com/wp-content/uploads/2021/01/Matsunaga-et-al-OCHI-YUME-Clinic-Nagoya-Japan-ASRM-2020-Poster-498.pdf>
- 6 EMBRYOLOGIC OUTCOMES IN INTRACYTOPLASMIC SPERM INJECTION (ICSI) CYCLES UTILIZING SPERM SELECTED VIA A MICROFLUIDICS DEVICE COMPARED TO STANDARD SELECTION
Godiwala, Prachi *et al.* ASRM 2020
<https://www.zymotfertility.com/wp-content/uploads/2021/01/Godiwala-et-al-ASRM-abstract-P96.pdf>
- 7 MICROFLUIDIC DEVICE-BASED SEMEN PREPARATION INFLUENCES EUPLOIDY RATES OF HUMAN BLASTOCYSTS.
Beyhan, Z. *et al.* ASRM 2020
<https://www.zymotfertility.com/wp-content/uploads/2021/01/Beyhan-P48.pdf>
- 8 EUPLOIDY RATES AND PREGNANCY OUTCOMES USING THE ZYMOT DEVICE FOR SPERM PREPARATION
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- 9 A TREATMENT APPROACH FOR COUPLES WITH DISRUPTED SPERM DNA INTEGRITY AND RECURRENT ART FAILURE
Parrella, A., Keating, D., Cheung, S. *et al.* J Assist Reprod Genet 36, 2057–2066 (2019).
<https://doi.org/10.1007/s10815-019-01543-5>
- 10 A THERAPEUTIC APPROACH FOR COUPLES WITH COMPROMISED SPERM DNA INTEGRITY AND A HISTORY OF ANEUPLOID EMBRYOS
Petrini A., Parrella A., Xie P., *et al.* ESHRE 2019
<https://www.zymotfertility.com/wp-content/uploads/2020/01/ESHRE-2019-Palermo-Sperm-DNA-Integrity-ZyMot-850.pdf>
- 11 EFFECTS OF THE MICROFLUIDIC CHIP TECHNIQUE IN SPERM SELECTION FOR INTRACYTOPLASMIC SPERM INJECTION FOR UNEXPLAINED INFERTILITY: A PROSPECTIVE, RANDOMIZED CONTROLLED TRIAL

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- Yetkinel, S., Kilicdag, E.B., Aytac, P.C. et al. J Assist Reprod Genet 36, 403–409 (2019).
<https://doi.org/10.1007/s10815-018-1375-2>
- 12 LABORATORY AND CLINICAL OUTCOMES OF SPERMATOZA PREPARED THROUGH A MICROFLUIDIC DEVICE: A PROSPECTIVE PILOT SIBLING OOCYTE STUDY
Akçay B., Findikli N., Aksoy T., et al. ASRM 2018. <https://doi.org/10.1016/j.fertnstert.2018.07.958>
- 13 A MICROFLUIDIC DEVICE FOR SELECTING THE MOST PROGRESSIVELY MOTILE SPERMATOZOA YIELDS A HIGHER RATE OF EUPLOID EMBRYOS
Parrella A., Choi D., Keating D., et al. ASRM 2018. <https://doi.org/10.1016/j.fertnstert.2018.07.955>
- 14 IMPACT OF MICROFLUIDIC SPERM SORTING ON EMBRYO QUALITY AND COMPREHENSIVE CHROMOSOME SCREENING OUTCOMES OF COUPLES WITH REPEATED IMPLANTATION FAILURE
Pabuccu E., Pabuccu R., Sertyel S., et al. ESHRE 2018
<https://www.zymotfertility.com/wp-content/uploads/2020/01/impact-of-microfluidic-sperm-sorting-sahin-eshre-2018.pdf>
- 15 A PROPOSED METHOD TO MINIMIZE MALE GAMETE CONTRIBUTION TO ANEUPLOIDY IN THE EMBRYO COHORT
Melnick A., Parrella A., Cheung S., et al. ESHRE 2018
<https://www.zymotfertility.com/wp-content/uploads/2020/01/proposed-method-to-minimize-palermo-eshre-2018.pdf>
- 16 DOES ZYMOT SPERM SEPARATION IMPROVE EMBRYO DEVELOPMENT OUTCOMES WHEN APPLIED TO ALL INFERTILITY PATIENTS COMPARED TO DENSITY GRADIENT WASHING OR SURGICALLY ATTAINED SPERM? Mitchel C. Schiewe, MS, PhD, Ahmad Morsi Abu Maizar, M.Sc, Melanie Nordbak, BS, Michelle Alcoer, BS, Andrew W. Dinsmore, BS, Claudia De Romana, BS, Pedro J. Toledo, BS, Kelly Baek, MD, Guy E. Ringler, MD, Korine Chung, MD, Richard Marrs, MD California Fertility Partners, Los Angeles, CA.
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- 17 DOES MICROFLUIDIC SPERM SORTING IMPROVE EMBRYO DEVELOPMENT AND EUPLOIDY RATES IN PATIENTS UNDERGOING ICSI? Alex Robles, M.D.,¹ Evan Akiva Reshef, MD,¹ Robert W. Prosser, MSc,¹ Eric J. Forman, M.D.,² Zev Williams, M.D., PhD.¹ ¹Columbia University Fertility Center, New York, NY; ²Columbia University Fertility Center.
[https://www.fertstert.org/article/S0015-0282\(21\)00991-2/fulltext#:~:text=a%20new%20tab-,Conclusions,rates%20and%20higher%20euploidy%20rates.](https://www.fertstert.org/article/S0015-0282(21)00991-2/fulltext#:~:text=a%20new%20tab-,Conclusions,rates%20and%20higher%20euploidy%20rates.)
- 18 A TREATMENT APPROACH FOR COUPLES WITH DISRUPTED SPERM DNA INTEGRITY AND RECURRENT ART FAILURE. Alessandra Parrella, Derek Keating, Stephanie Cheung, Philip Xie, Joshua D. Stewart, Zev Rosenwaks, Gianpiero D. Palermo
Journal of Assisted Reproduction and Genetics volume 36, pages2057–2066 (2019).
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- 7 SPERM DNA FRAGMENTATION AND FUNCTIONAL FEATURES OF HUMAN SPERM SELECTED BY MICROFLUIDIC SORTING FOR CLINICAL USE. Nami Morishita, Ph.D., Natsumi Hyogo, M.A., Yukari Kurasaki, B.A., Rio Sakuma, M.A., Hiromi Morita, M.A., Megumi Miura, M.A, Yuki Kobayashi, B.A., Rie Matsunaga, M.A., Tomoko Maeda, Ph.D., Hiroshi Makino, Ph.D., Masanori Ochi, Ph.D., Toshitaka Horiuchi, Ph.D. OCHI YUME CLINIC NAGOYA, Nagoya, Japan. [https://www.fertstert.org/article/S0015-0282\(21\)01361-3/fulltext](https://www.fertstert.org/article/S0015-0282(21)01361-3/fulltext)
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Fertilization / Blastulation

- 10** FERTILIZATION RATE AND EMBRYONIC DEVELOPMENT AFTER INTRACYTOPLASMIC SPERM INJECTION USING A MICROFLUIDIC SPERM SELECTION DEVICE WITHOUT CENTRIFUGATION
Haruhisa Tsuji¹, Hiroya Kitasaka¹, Noritaka Fukunaga^{1,2} and Yoshimasa Asada^{1,2}
¹ Asada Ladies Clinic, Aichi, Japan, ² Asada Institute for Reproductive Medicine, Aichi, Japan
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<https://www.zymotfertility.com/wp-content/uploads/2020/01/ESHRE-2019-Palermo-Sperm-DNA-Integrity-ZyMot-850.pdf>
- 7 MICROFLUIDIC SPERM SELECTION BY THE ZYMÖT SPERM SEPARATION DEVICE CONCENTRATES SPERM WITH SIGNIFICANTLY LESS DNA DAMAGE FOR SUBSEQUENT ART PROCEDURES
Hodge D., Vermilyea M., O’Leary R., *et al.* ESHRE 2019
<https://www.zymotfertility.com/wp-content/uploads/2020/01/ESHRE-2019-Hodge-Sperm-DNA-damage.pdf>
- 8 MICROFLUIDIC SPERM SELECTION ENHANCES ICSI OUTCOMES BY SELECTING SPERMATOZOA WITH THE HIGHEST CHROMATIN INTEGRITY
Hancock K., Parrella A., Goldman M., *et al.* ESHRE 2019
<https://www.zymotfertility.com/wp-content/uploads/2020/01/ESHRE-2019-Palermo-ICSI-Outcomes.pdf>
- 9 SPERM DNA FRAGMENTATION (SDF) WAS MOST EFFECTIVELY IMPROVED BY A SPERM SEPARATION DEVICE COMPARED TO DIFFERENT GRADIENT AND SWIMUP METHODS
Broussard A., Leader B., Tirado E. *et al.* Fertility and Sterility. April 2019 Volume 111, Issue 4, Supplement, Page e15. <https://doi.org/10.1016/j.fertnstert.2019.02.054>
- 10 MICROFLUIDIC SELECTION OF SPERMATOZOA RETAINS CHROMATIN INTEGRITY AND YIELDS HIGHER PREGNANCY RATES
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Quinn M. M., Jalalian L., Ribeiro S., et al. Human Reproduction, Volume 33, Issue 8, August 2018, Pages 1388–1393. <https://doi.org/10.1093/humrep/dey239>
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- 15 SELECTION OF FUNCTIONAL HUMAN SPERM WITH HIGHER DNA INTEGRITY AND FEWER REACTIVE OXYGEN SPECIES
Asghar W., Velasco V., Kingsley J.L., et al. Advanced Healthcare Materials. Volume 3, Issue 10, October 2014.
<https://doi.org/10.1002/adhm.201400058>
- 16 CAN MICROFLUIDIC SPERM SORTING HELP SEPARATION OF SPERMS WITH GOOD QUALITY DNA? Krishna Mantravadi, Sr. MBBS, PGDHOM, Masters in clinical embryology, Durga Gedela Rao, Sr. MRCOG Oasis fertility, Hyderabad, India.
[https://www.fertstert.org/article/S0015-0282\(21\)01369-8/fulltext](https://www.fertstert.org/article/S0015-0282(21)01369-8/fulltext)
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<https://pesquisa.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/resource/pt/covidwho-1446634>
- 19 MICROFLUIDIC SPERM SEPARATION DEVICE DRAMATICALLY LOWERS DFI. M. Bastuba,¹M. Cohen,¹A. Bastuba,²P. Campbell.³ ¹Male Fertility and Sexual Medicine Specialists, San Diego, CA, USA; ²Fertility Center of California, San Diego, CA, USA; ³Department of Urology, Naval Medical Center San Diego, San Diego, CA, USA.
[https://www.fertstert.org/article/S0015-0282\(20\)30188-6/fulltext](https://www.fertstert.org/article/S0015-0282(20)30188-6/fulltext)

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[Journal of Assisted Reproduction and Genetics volume 36, pages2057–2066 \(2019\)](#)
- 21 MACS VS MICROFLUIDICS SPERM SORTING FOR RAISED SPERM DFI - A RCT
Durga Rao, Krishna Chaitanya M., Oasis Fertility – Hyderabad, India
https://academic.oup.com/humrep/article/37/Supplement_1/deac104.108/6620288
- 22 MALE AGE IS ASSOCIATED WITH SPERM DNA INTEGRITY: SELECTION OF HIGH DNA INTEGRITY SPERM BY MICROFLUIDICS SORTING IS CRITICAL TO CLINICAL OUTCOMES IN OLDER PATIENTS
Nami Morishita, Megumi Miura, Yuki Kobayashi, Rie Matsunaga, Tomoko Maeda, Masanori Ochi, Toshitaka Horiuchi, Ochi Yume Clinic Nagoya, Nagoya, Japan
https://academic.oup.com/humrep/article/37/Supplement_1/deac107.036/6619771
- 23 ASSESSING THE INTEGRITY OF THE MALE GAMETE GENOME TO IMPROVE ART CLINICAL OUTCOMES
Kocur OM., Xie P., Sung C., Souness S., Rosenwaks Z., Palermo GD., Ronald O. Perelman and Claudia Cohen
Center for Reproductive Medicine, New York, New York USA
https://academic.oup.com/humrep/article/37/Supplement_1/deac107.067/6620626
- 24 MICROFLUIDIC-BASED DEVICE SELECTS SPERM WITH LESS DNA DAMAGE AND HIGHER MOTILITY, WHAT ELSE?
Pardiñas ML.¹, De los Santos JM.², Vilorio T.², Ortega-Jaen D.¹, Martín A.¹, Rivera-Egea R.², De los Santos MJ.^{1,2}, ¹IVI Foundation-IIS La Fe, Research and Innovation, Valencia, Spain, ²IVI RMA Valencia, IVF Laboratory, Valencia, Spain.
https://academic.oup.com/humrep/article/37/Supplement_1/deac107.078/6620717
- 25 GENOTYPIC SPERM SORTING: A LESS INVASIVE “ART” TO PREVENT GENETIC DISORDERS IN NEWBORNS
^{*1,3}Olumide O. Adenmosun, PhD, MBA (oadenmos@fau.edu) ²Waseem Asghar, PhD, ³Michael Matilsky, PhD, HCLD and ¹James Kumi-Diaka, DVM, PhD, ¹Florida Atlantic University, Biological Sciences, Davie, USA, ²Florida Atlantic University, Electrical Engineering and Computer Science, Boca Raton, USA, ³Boca Fertility, Andrology/Embryology Laboratory, Boca Raton, USA
https://academic.oup.com/humrep/article/37/Supplement_1/deac107.086/6620459

Below is a presentation of current publications relevant to ART procedure outcomes associated with use of ZyMöt devices for sperm sample preparation. These publications are categorized according to the ART procedures outcomes topics shown to facilitate review of the literature by topic. This is intended to help you decide how to use ZyMöt devices in your fertility laboratory and clinical practice.

Centrifugation / Density Gradient Centrifugation

- 1 SPERM DNA FRAGMENTATION (SDF) WAS MOST EFFECTIVELY IMPROVED BY A SPERM SEPARATION DEVICE COMPARED TO DIFFERENT GRADIENT AND SWIMUP METHODS
Broussard A., Leader B., Tirado E. et al. Fertility and Sterility. April 2019 Volume 111, Issue 4, Supplement, Page e15. <https://doi.org/10.1016/j.fertnstert.2019.02.054>
- 2 MICROFLUIDIC SORTING SELECTS SPERM FOR CLINICAL USE WITH REDUCED DNA DAMAGE
Quinn M. M., Jalalian L., Ribeiro S., et al. Human Reproduction, Volume 33, Issue 8, August 2018, Pages 1388–1393. <https://doi.org/10.1093/humrep/dey239>
- 3 DOES ZYMOT SPERM SEPARATION IMPROVE EMBRYO DEVELOPMENT OUTCOMES WHEN APPLIED TO ALL INFERTILITY PATIENTS COMPARED TO DENSITY GRADIENT WASHING OR SURGICALLY ATTAINED SPERM? Mitchel C. Schiewe, MS, PhD, Ahmad Morsi Abu Maizar, M.Sc, Melanie Nordbak, BS, Michelle Alcoer, BS, Andrew W. Dinsmore, BS, Claudia De Romana, BS, Pedro J. Toledo, BS, Kelly Baek, MD, Guy E. Ringler, MD, Korine Chung, MD, Richard Marrs, MD California Fertility Partners, Los Angeles, CA.
<https://pesquisa.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/resource/pt/covidwho-1446634>
- 4 FERTILIZATION RATE AND EMBRYONIC DEVELOPMENT AFTER INTRACYTOPLASMIC SPERM INJECTION USING A MICROFLUIDIC SPERM SELECTION DEVICE WITHOUT CENTRIFUGATION
Haruhisa Tsuji¹, Hiroya Kitasaka¹, Noritaka Fukunaga^{1,2} and Yoshimasa Asada^{1,2}
¹ Asada Ladies Clinic, Aichi, Japan, ² Asada Institute for Reproductive Medicine, Aichi, Japan
https://academic.oup.com/humrep/article/37/Supplement_1/deac107.045/6620379
- 5 ASSESSING THE INTEGRITY OF THE MALE GAMETE GENOME TO IMPROVE ART CLINICAL OUTCOMES
Kocur OM., Xie P., Sung C., Souness S., Rosenwaks Z., Palermo GD., Ronald O. Perelman and Claudia Cohen
Center for Reproductive Medicine, New York, New York USA
https://academic.oup.com/humrep/article/37/Supplement_1/deac107.067/6620626
- 6 MICROFLUIDIC-BASED DEVICE SELECTS SPERM WITH LESS DNA DAMAGE AND HIGHER MOTILITY, WHAT ELSE?
Pardiñas ML.¹, De los Santos JM.², Vilorio T.², Ortega-Jaen D.¹, Martín A.¹, Rivera-Egea R.², De los Santos MJ.^{1,2}, ¹IVI Foundation-IIS La Fe, Research and Innovation, Valencia, Spain, ²IVI RMA Valencia, IVF Laboratory, Valencia, Spain.
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Reactive Oxygen Species (ROS) / Cellular Stress

- 1 SPERM DNA FRAGMENTATION (SDF) WAS MOST EFFECTIVELY IMPROVED BY A SPERM SEPARATION DEVICE COMPARED TO DIFFERENT GRADIENT AND SWIMUP METHODS
Broussard A., Leader B., Tirado E. et al. Fertility and Sterility. April 2019 Volume 111, Issue 4, Supplement, Page e15. <https://doi.org/10.1016/j.fertnstert.2019.02.054>
- 2 SELECTION OF FUNCTIONAL HUMAN SPERM WITH HIGHER DNA INTEGRITY AND FEWER REACTIVE OXYGEN SPECIES
Asghar W., Velasco V., Kingsley J.L., et al. Advanced Healthcare Materials. Volume 3, Issue 10, October 2014. <https://doi.org/10.1002/adhm.201400058>
- 3 MICROFLUIDIC SPERM SEPARATION DEVICE DRAMATICALLY LOWERS DFI. M. Bastuba,¹M. Cohen,¹A. Bastuba,²P. Campbell.³ ¹Male Fertility and Sexual Medicine Specialists, San Diego, CA, USA; ²Fertility Center of California, San Diego, CA, USA; ³Department of Urology, Naval Medical Center San Diego, San Diego, CA, USA. [https://www.fertstert.org/article/S0015-0282\(20\)30188-6/fulltext](https://www.fertstert.org/article/S0015-0282(20)30188-6/fulltext)

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IUI Outcomes / Patient Outcomes

- 1 COMPARISON OF MICROFLUID SPERM SORTING CHIP AND DENSITY GRADIENT METHODS FOR USE IN INTRAUTERINE INSEMINATION CYCLES
Gode, F., Bodur T., Güntürkün F., et al. Fertility and Sterility. Volume 112, Issue 5, November 2019, Pages 842-848.e1. <https://doi.org/10.1016/j.fertnstert.2019.06.037>
- 2 UTILIZING SPERMATOZOA WITH THE HIGHEST GENOMIC INTEGRITY ENHANCES ICSI OUTCOME.
Keating, D., Tavares, D., Rosenwaks, Z., Palermo, G. Fertility and Sterility Vol. 116, E67-E68(2021). doi: <https://doi.org/10.1016/j.fertnstert.2021.07.190>
- 3 ICSI OUTCOMES USING SPERMATOZOA WITH OPTIMAL GENOMIC INTEGRITY
Parrella, Alessandra. ASRM 2020
<https://www.zymotfertility.com/wp-content/uploads/2021/01/Parrella-et-al-ASRM-2020-abstract-O-69.pdf>
- 4 EUPLOIDY RATES AND PREGNANCY OUTCOMES USING THE ZYMOT DEVICE FOR SPERM PREPARATION
Anderson, Anthony R. et al. ASRM 2020
<https://www.zymotfertility.com/wp-content/uploads/2021/01/Anderson-et-al-ASRM-2020-abstract-O-104.pdf>
- 5 A TREATMENT APPROACH FOR COUPLES WITH DISRUPTED SPERM DNA INTEGRITY AND RECURRENT ART FAILURE
Parrella, A., Keating, D., Cheung, S. et al. J Assist Reprod Genet 36, 2057–2066 (2019).
<https://doi.org/10.1007/s10815-019-01543-5>
- 6 A THERAPEUTIC APPROACH FOR COUPLES WITH COMPROMISED SPERM DNA INTEGRITY AND A HISTORY OF ANEUPLOID EMBRYOS
Petrini A., Parrella A., Xie P., et al. ESHRE 2019
<https://www.zymotfertility.com/wp-content/uploads/2020/01/ESHRE-2019-Palermo-Sperm-DNA-Integrity-ZyMot-850.pdf>
- 7 LABORATORY AND CLINICAL OUTCOMES OF SPERMATOZA PREPARED THROUGH A MICROFLUIDIC DEVICE: A PROSPECTIVE PILOT SIBLING OOCYTE STUDY
Akçay B., Findikli N., Aksoy T., et al. ASRM 2018. <https://doi.org/10.1016/j.fertnstert.2018.07.958>
- 8 MALE AGE IS ASSOCIATED WITH SPERM DNA INTEGRITY: SELECTION OF HIGH DNA INTEGRITY SPERM BY MICROFLUIDICS SORTING IS CRITICAL TO CLINICAL OUTCOMES IN OLDER PATIENTS
Nami Morishita, Megumi Miura, Yuki Kobayashi, Rie Matsunaga, Tomoko Maeda, Masanori Ochi, Toshitaka Horiuchi, Ochi Yume Clinic Nagoya, Nagoya, Japan
https://academic.oup.com/humrep/article/37/Supplement_1/deac107.036/6619771
- 9 OPTIMIZING SPERM SELECTION AND REPRODUCTIVE OUTCOMES BY MICROFLUIDICS FOR COUPLES WITH RAISED DFI
G. Gedela, Durga Rao, Krishna Chaitanya M., Oasis Fertility – Hyderabad, India
https://academic.oup.com/humrep/article/37/Supplement_1/deac107.005/6619929