

Evaluation of sperm recovery following annexin V magnetic separation

Reproductive BioMedicine Online

13, 336-339

DOI: [10.1016/s1472-6483\(10\)61437-x](https://doi.org/10.1016/s1472-6483(10)61437-x)

Citation Report

#	ARTICLE	IF	CITATIONS
1	ANDROLOGY LAB CORNER*: Utility of Magnetic Cell Separation as a Molecular Sperm Preparation Technique. <i>Journal of Andrology</i> , 2008, 29, 134-142.	2.0	126
2	REVIEW ARTICLE: Clinical Relevance of Oxidative Stress in Male Factor Infertility: An Update. <i>American Journal of Reproductive Immunology</i> , 2008, 59, 2-11.	1.2	615
3	Study of apoptosis-related markers in ram spermatozoa. <i>Animal Reproduction Science</i> , 2008, 106, 113-132.	0.5	44
4	Selection of sperm based on combined density gradient and Zeta method may improve ICSI outcome. <i>Human Reproduction</i> , 2009, 24, 2409-2416.	0.4	87
5	Association of sperm apoptosis and DNA ploidy with sperm chromatin quality in human spermatozoa. <i>Fertility and Sterility</i> , 2009, 91, 1110-1118.	0.5	41
6	Separation of X- and Y-bearing human spermatozoa by sperm isolation medium gradients evaluated by FISH. <i>Reproductive BioMedicine Online</i> , 2009, 18, 475-478.	1.1	10
7	Removal of spermatozoa with externalized phosphatidylserine from sperm preparation in human assisted medical procreation: effects on viability, motility and mitochondrial membrane potential. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 1.	1.4	113
8	Evaluation of zeta and HA-binding methods for selection of spermatozoa with normal morphology, protamine content and DNA integrity. <i>Andrologia</i> , 2010, 42, 13-19.	1.0	67
9	Clinical Andrology. , 0, , .		1
10	Sperm viability, apoptosis, and intracellular reactive oxygen species levels in human spermatozoa before and after induction of oxidative stress. <i>Fertility and Sterility</i> , 2010, 93, 814-821.	0.5	142
11	Implication of apoptosis in sperm cryoinjury. <i>Reproductive BioMedicine Online</i> , 2010, 21, 456-462.	1.1	204
12	Effects of advanced selection methods on sperm quality and ART outcome: a systematic review. <i>Human Reproduction Update</i> , 2011, 17, 719-733.	5.2	158
13	Frozen-thawed spermatozoa from oligozoospermic ejaculates are susceptible to in situ DNA fragmentation in polyvinylpyrrolidone-based sperm-immobilization medium. <i>Fertility and Sterility</i> , 2012, 98, 321-325.	0.5	13
14	New era in sperm selection for ICSI. <i>Journal of Developmental and Physical Disabilities</i> , 2012, 35, 475-484.	3.6	41
15	Density gradient centrifugation before or after magnetic-activated cell sorting: which technique is more useful for clinical sperm selection?. <i>Journal of Assisted Reproduction and Genetics</i> , 2012, 29, 31-38.	1.2	65
16	The use of complimentary assays to evaluate the enrichment of human sperm quality in asthenoteratozoospermic and teratozoospermic samples processed with Annexin-V magnetic activated cell sorting. <i>Andrology</i> , 2013, 1, 698-706.	1.9	33
17	Case report: the use of annexin V coupled with magnetic activated cell sorting in cryopreserved spermatozoa from a male cancer survivor: healthy twin newborns after two previous ICSI failures. <i>Journal of Assisted Reproduction and Genetics</i> , 2013, 30, 1415-1419.	1.2	27
18	Increased pregnancy after reduced male abstinence. <i>Systems Biology in Reproductive Medicine</i> , 2013, 59, 256-260.	1.0	69

#	ARTICLE	IF	CITATIONS
19	Can DNA fragmentation of neat or swim-up spermatozoa be used to predict pregnancy following ICSI of fertile oocyte donors?. Asian Journal of Andrology, 2013, 15, 812-818.	0.8	39
20	Processes involved in assisted reproduction technologies significantly increase sperm DNA fragmentation and phosphatidylserine translocation. Andrologia, 2014, 46, 86-97.	1.0	13
21	Correlation between aneuploidy, apoptotic markers and DNA fragmentation in spermatozoa from normozoospermic patients. Reproductive BioMedicine Online, 2014, 28, 492-502.	1.1	36
22	Single Gamete Insemination Aiming at the Ideal Conceptus. , 2015, , 73-88.		0
24	The ICSI procedure from past to future: a systematic review of the more controversial aspects. Human Reproduction Update, 2016, 22, dmv050.	5.2	121
26	Non-apoptotic Sperm Selection. , 2015, , 69-79.		0
27	Efficient isolation of sperm with high DNA integrity and stable chromatin packaging by a combination of density-gradient centrifugation and magnetic-activated cell sorting. Clinical and Experimental Reproductive Medicine, 2016, 43, 199.	0.5	18
28	An Update on Oxidative Damage to Spermatozoa and Oocytes. BioMed Research International, 2016, 2016, 1-11.	0.9	81
30	Spermatozoa with numerical chromosomal abnormalities are more prone to be retained by Annexin Vâ€œMACSâ€œ columns. Andrology, 2017, 5, 807-813.	1.9	16
31	Magnetic activated sorting selection (MACS) of non-apoptotic sperm (NAS) improves ongoing pregnancy rates in homologous intrauterine insemination (IUI). Fertility and Sterility, 2017, 108, e128-e129.	0.5	3
32	ICSI significantly improved the pregnancy rate of patients with a high sperm DNA fragmentation index. Clinical and Experimental Reproductive Medicine, 2017, 44, 132.	0.5	19
33	Sperm Sexing Mediated by Magnetic Nanoparticles in Donkeys, a Preliminary In Vitro Study. Journal of Equine Veterinary Science, 2018, 65, 123-127.	0.4	26
34	Magnetic Activated Cell Sorting of Human Spermatozoa. , 2019, , 353-358.		0
35	Expression profile and distribution of Annexin A1, A2 and A5 in human semen. Andrologia, 2019, 51, e13224.	1.0	12
36	Basic Aspects of Oxidative Stress in Male Reproductive Health. , 2019, , 27-36.		2
37	Decrease of spermatozoa with an unbalanced chromosome content after cell sorting in men carrying a structural chromosomal abnormality. Andrology, 2020, 8, 181-190.	1.9	2
38	Towards a better testicular sperm extraction: novel sperm sorting technologies for non-motile sperm extracted by microdissection TESE. Translational Andrology and Urology, 2020, 9, S206-S214.	0.6	20
39	Role of the sperm, oocyte, and embryo in recurrent pregnancy loss. Fertility and Sterility, 2021, 115, 533-537.	0.5	17

#	ARTICLE	IF	CITATIONS
40	Explorations fonctionnelles spÃ©cialisÃ©es du sperme et AMP. , 2011, , 349-358.		1
41	Magnetic-Activated Cell Sorting of Human Spermatozoa. , 2012, , 265-272.		0
42	Methods for Sperm Selection for In Vitro Fertilization. , 0, , .		0
43	Magnetic-Activated Cell Sorting of Human Spermatozoa. , 2013, , 131-144.		0
44	Male Factor Infertility Outcomes Using Magnetic Activated Cell Sorting in Intra Cytoplasmic Sperm Injection Cycles. , 2016, 05, .		0
45	IMPACT OF PREPARATION USING CONVENTIONAL AND MODIFIED DENSITY GRADIENT CENTRIFUGATION METHODS ON SPERM CONCENTRATION, MOTILITY AND NUMBER OF NORMAL MOTILE SPERM RECOVERY (NMSR). Folia Medica Indonesiana, 2017, 53, 196.	0.1	0
46	Estudio del fallo repetido de implantaciÃ³n y sus posibles alternativas terapÃ©uticas (2017). Progresos En Obstetricia Y Ginecologia, 2019, , .	0.0	0
47	MALDI MS Analysis to Investigate the Lipid Composition of Sperm. Current Analytical Chemistry, 2020, 16, 79-91.	0.6	2
48	Pre-treatment of ram semen extender with magnetic nanoparticles on freeze-thawed spermatozoa. Veterinary Medicine and Science, 2022, 8, 792-798.	0.6	15
50	High-Efficiency Bovine Sperm Sexing Used Magnetic-Activated Cell Sorting by Coupling scFv Antibodies Specific to Y-Chromosome-Bearing Sperm on Magnetic Microbeads. Biology, 2022, 11, 715.	1.3	4
51	Magnetic-Activated Cell Sorting as a Method to Improve Necrozoospermia-Related Asthenozoospermic Samples. Journal of Clinical Medicine, 2022, 11, 2914.	1.0	0
52	Sperm selection with Annexin-V coated polystyrene bead technique (APB-Tech): A novel and reliable method for the microscopic selection of viable and non-apoptotic sperm to be used for intracytoplasmic sperm injection. Theriogenology, 2022, 194, 92-103.	0.9	0
53	A novel approach to sperm selection: Nanoparticle-based purification improves quality of Angora cryopreserved bucks' semen. Journal of the Hellenic Veterinary Medical Society, 2023, 73, 4881-4890.	0.1	0
57	Techniques for selection of surgically retrieved sperm for intracytoplasmic sperm injection. , 0, , 324-336.		0