Meiotic activity in orthotopic xenografts derived from l tissue

Human Reproduction 26, 282-293 DOI: 10.1093/humrep/deq321

Citation Report

#	Article	IF	CITATIONS
1	Current options for preservation of fertility in the male. Fertility and Sterility, 2011, 96, 286-290.	0.5	56
2	Failure of a combined clinical- and hormonal-based strategy to detect early spermatogenesis and retrieve spermatogonial stem cells in 47,XXY boys by single testicular biopsy. Human Reproduction, 2012, 27, 998-1004.	0.4	50
3	From in vitro culture to in vivo models to study testis development and spermatogenesis. Cell and Tissue Research, 2012, 349, 691-702.	1.5	32
4	Can pubertal boys with Klinefelter syndrome benefit from spermatogonial stem cell banking?. Human Reproduction, 2012, 27, 323-330.	0.4	74
5	Efficient cryopreservation of testicular tissue: effect of age, sample state, and concentration of cryoprotectant. Fertility and Sterility, 2012, 97, 200-208.e1.	0.5	55
6	Presence of spermatogonia in 47,XXY men with no spermatozoa recovered after testicular sperm extraction. Fertility and Sterility, 2012, 97, 319-323.	0.5	32
7	Spermatogonial stem cell preservation in boys with Klinefelter syndrome: to bank or not to bank, that's the question. Fertility and Sterility, 2012, 98, 284-289.	0.5	42
8	Spermatogonial stem cells as a source for regenerative medicine. Middle East Fertility Society Journal, 2012, 17, 1-7.	0.5	7
9	Does early cell death cause germ cell loss after intratesticular tissue grafting?. Fertility and Sterility, 2013, 99, 1264-1272.e1.	0.5	10
10	Exogenous administration of recombinant human FSH does not improve germ cell survival in human prepubertal xenografts. Reproductive BioMedicine Online, 2013, 26, 286-298.	1.1	36
12	Vitrification preserves proliferation capacity in human spermatogonia. Human Reproduction, 2013, 28, 578-589.	0.4	116
13	Spermatogonial stem cell preservation and transplantation: from research to clinic. Human Reproduction, 2013, 28, 897-907.	0.4	135
14	What is the best cryopreservation protocol for human testicular tissue banking?. Human Reproduction, 2013, 28, 1816-1826.	0.4	112
16	Adult stem-cell population in the human testis. , 0, , 52-62.		0
17	Generation of Live Piglets for the First Time Using Sperm Retrieved from Immature Testicular Tissue Cryopreserved and Grafted into Nude Mice. PLoS ONE, 2013, 8, e70989.	1.1	65
18	In Search of Better Spermatogonial Preservation by Supplementation of Cryopreserved Human Immature Testicular Tissue Xenografts with N-acetylcysteine and Testosterone. Frontiers in Surgery, 2014, 1, 47.	0.6	40
19	Xenografting of testicular tissue pieces: 12 years of an in vivo spermatogenesis system. Reproduction, 2014, 148, R71-R84.	1.1	50
20	Germline stem cells: toward the regeneration of spermatogenesis. Fertility and Sterility, 2014, 101, 3-13.	0.5	85

ATION REDOD

#	Article	IF	CITATIONS
21	Normal reproductive development of pigs produced using sperm retrieved from immature testicular tissue cryopreserved and grafted into nude mice. Theriogenology, 2014, 82, 325-331.	0.9	18
22	Progress and prospects for fertility preservation in prepubertal boys with cancer. Current Opinion in Endocrinology, Diabetes and Obesity, 2015, 22, 203-208.	1.2	14
23	Human Fetal Testicular Tissue Xenotransplantation: A Platform to Study the Effect of Gonadotropins on Human Germ Cell Development In Utero. Journal of Urology, 2015, 194, 585-591.	0.2	11
24	Stem Cell Therapies for Male Infertility: Where Are We Now and Where Are We Going?. , 2015, , 17-39.		7
25	Spermatogonial Stem Cells and Spermatogenesis. , 2015, , 595-635.		21
26	Transplantation of testicular tissue in alginate hydrogel loaded with VEGF nanoparticles improves spermatogonial recovery. Journal of Controlled Release, 2016, 234, 79-89.	4.8	49
28	Stem Cells and Fertility. Current Clinical Urology, 2016, , 185-194.	0.0	0
29	Experimental methods to preserve male fertility and treat male factor infertility. Fertility and Sterility, 2016, 105, 256-266.	0.5	108
30	Short-term hypothermic preservation of human testicular tissue: the effectÂof storage medium and storage period. Fertility and Sterility, 2016, 105, 1162-1169.e5.	0.5	10
32	Restoring Fertility with Cryopreserved Prepubertal Testicular Tissue: Perspectives with Hydrogel Encapsulation, Nanotechnology, and Bioengineered Scaffolds. Annals of Biomedical Engineering, 2017, 45, 1770-1781.	1.3	30
33	Male Fertility Preservation: Current Options and Advances in Research. , 2017, , 119-142.		3
34	Update on fertility restoration from prepubertal spermatogonial stem cells: How far are we from clinical practice?. Stem Cell Research, 2017, 21, 171-177.	0.3	62
35	Short-term storage of human testicular tissue: effect of storage temperature and tissue size. Reproductive BioMedicine Online, 2017, 35, 180-188.	1.1	14
37	Xenotransplantation as a model for human testicular development. Differentiation, 2017, 97, 44-53.	1.0	17
38	Fertility restoration with spermatogonial stem cells. Current Opinion in Endocrinology, Diabetes and Obesity, 2017, 24, 424-431.	1.2	32
39	Fertility Preservation in Cancer Patients. , 2017, , 315-341.		1
40	When does germ cell loss and fibrosis occur in patients with Klinefelter syndrome?. Human Reproduction, 2018, 33, 1009-1022.	0.4	61
41	Experimental models of testicular development and function using human tissue and cells. Molecular and Cellular Endocrinology, 2018, 468, 95-110.	1.6	14

CITATION REPORT

CITATION REPORT

#	Article	IF	CITATIONS
42	Basic and Clinical Approaches for Fertility Preservation and Restoration in Cancer Patients. Trends in Biotechnology, 2018, 36, 199-215.	4.9	49
43	Cryostorage of immature and mature human testis tissue to preserve spermatogonial stem cells (SSCs): a systematic review of current experiences toward clinical applications. Stem Cells and Cloning: Advances and Applications, 2018, Volume 11, 23-38.	2.3	20
44	Tissue Engineering to Improve Immature Testicular Tissue and Cell Transplantation Outcomes: One Step Closer to Fertility Restoration for Prepubertal Boys Exposed to Gonadotoxic Treatments. International Journal of Molecular Sciences, 2018, 19, 286.	1.8	46
45	Oncofertility: Pharmacological Protection and Immature Testicular Tissue (ITT)-Based Strategies for Prepubertal and Adolescent Male Cancer Patients. International Journal of Molecular Sciences, 2019, 20, 5223.	1.8	15
46	<p>Role of stem cells in fertility preservation: current insights</p> . Stem Cells and Cloning: Advances and Applications, 2019, Volume 12, 27-48.	2.3	14
47	Male Fertility Preservation: Current Options and Advances in Research. , 2019, , 209-227.		2
48	Altered hormonal milieu and dysregulated protein expression can cause spermatogenic arrest in ectopic xenografted immature rat testis. Scientific Reports, 2019, 9, 4036.	1.6	2
49	Effect of recombinant human vascular endothelial growth factor on testis tissue xenotransplants from prepubertal boys: a three-case study. Reproductive BioMedicine Online, 2019, 39, 119-133.	1.1	21
50	Complete spermatogenesis in intratesticular testis tissue xenotransplants from immature non-human primate. Human Reproduction, 2019, 34, 403-413.	0.4	42
51	Fertility Preservation in Childhood Cancer: Endocrine Activity in Prepubertal Human Testis Xenografts Exposed to a Pubertal Hormone Environment. Cancers, 2020, 12, 2830.	1.7	7
52	Long-term follow-up of boys who have undergone a testicular biopsy for fertility preservation. Human Reproduction, 2020, 36, 26-39.	0.4	16
53	Fertility preservation in boys: recent developments and new insights â€. Human Reproduction Open, 2020, hoaa016.	2.3	122
54	Spermatogonial Stem Cells for In Vitro Spermatogenesis and In Vivo Restoration of Fertility. Cells, 2020, 9, 745.	1.8	62
55	Testicular immune cells and vasculature in Klinefelter syndrome from childhood up to adulthood. Human Reproduction, 2020, 35, 1753-1764.	0.4	16
56	Exogenous Gonadotrophin Stimulation Induces Partial Maturation of Human Sertoli Cells in a Testicular Xenotransplantation Model for Fertility Preservation. Journal of Clinical Medicine, 2020, 9, 266.	1.0	13
57	The study and manipulation of spermatogonial stem cells using animal models. Cell and Tissue Research, 2020, 380, 393-414.	1.5	23
58	Fertility preservation for prepubertal boys: lessons learned from the past and update on remaining challenges towards clinical translation. Human Reproduction Update, 2021, 27, 433-459.	5.2	39
59	Strategies for cryopreservation of testicular cells and tissues in cancer and genetic diseases. Cell and Tissue Research, 2021, 385, 1-19.	1.5	11

		REPORT	
#	ARTICLE Cryopreservation and Grafting of Immature Testicular Tissue. , 2021, , 138-152.	IF	CITATIONS 2
	Recent advances: fertility preservation and fertility restoration options for males and females		
61	Faculty Reviews, 2021, 10, 55.	1.7	5
62	Targeting against the activity of the NLRP3 inflammasome is a potential therapy for rat testicular tissue cryopreservation and transplantation. Andrologia, 2021, 53, e14223.	1.0	2
63	How does chemotherapy treatment damage the prepubertal testis?. Reproduction, 2018, 156, R209-R233.	1.1	46
64	FERTILITY PRESERVATION: Testicular transplantation for fertility preservation: clinical potential and current challenges. Reproduction, 2019, 158, F1-F14.	1.1	21
65	Germ Line Stem Cells: A Promising Alternative Source for Stem-Cell-Based Therapies in Regenerative Medicine. , 2013, , 279-300.		Ο
66	A Brief Review: From Spermatogonial Stem Cell to Spermatids in Mammals. Niche Journal, 2016, 3, 24-27.	0.4	0
67	Fertility Preservation for Prepubertal Patients at Risk of Infertility: Present Status and Future Perspectives. Hormone Research in Paediatrics, 2020, 93, 599-608.	0.8	15
68	In search of the most efficient fertility preservation strategy for prepubertal boys. Facts, Views & Vision in ObGyn, 2013, 5, 45-58.	0.5	3
69	Strategies for fertility preservation and restoration in the male. Facts, Views & Vision in ObGyn, 2011, 3, 302-10.	0.5	1
70	Genetic and Epigenetic Changes After Spermatogonial Stem Cell Culture and Transplantation. Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine, 2014, 25, 27-41.	0.7	1
71	Intratesticular xenografting of Klinefelter pre-pubertal testis tissue as potential model to study testicular fibrosis. Reproductive BioMedicine Online, 2022, 44, 896-906.	1.1	2
73	Immature Testicular Tissue Engineered from Weaned Mice to Adults for Prepubertal Fertility Preservation—An In Vivo Translational Study. International Journal of Molecular Sciences, 2022, 23, 2042.	1.8	3
74	Transplantation of rat frozen-thawed testicular tissues: Does fragment size matter?. Cryobiology, 2022, 105, 50-55.	0.3	Ο
75	Male fertility preservation and restoration strategies for patients undergoing gonadotoxic therapies. Biology of Reproduction, 2022, 107, 382-405.	1.2	21
76	Current Status of Male Fertility Preservation in Humans. Russian Journal of Developmental Biology, 2022, 53, 134-140.	0.1	1
77	Fertility preservation for prepubertal boys: are we ready for autologous grafting of cryopreserved immature testicular tissue?. Annales D'Endocrinologie, 2022, 83, 210-217.	0.6	7
78	Fertility Preservation and Restoration Options for Pre-Pubertal Male Cancer Patients: Current Approaches. Frontiers in Endocrinology, 0, 13, .	1.5	6

#	Article	IF	CITATIONS
79	Male Fertility Preservation: A boon for young cancer survivors. Journal of Experimental Biology and Agricultural Sciences, 2022, 10, 713-727.	0.1	0
80	In vitro spermatogenesis in artificial testis: current knowledge and clinical implications for male infertility. Cell and Tissue Research, 2023, 394, 393-421.	1.5	1