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Blastocyst score affects implantation and pregnancy outcome: towards a single blastocyst transfer

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1292	Cleavage anomalies in early human embryos and survival after prolonged culture in-vitro. 2000 , 15, 2634-43		242
1291	Blastocyst culture: toward single embryo transfers. 2000 , 3, 229-237		37
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859	Pregnancy and birth outcomes following fresh or vitrified embryo transfer according to blastocyst morphology and expansion stage, and culturing strategy for delayed development. 2016 , 31, 1685-95	42
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852	Evaluation of a high implantation potential (HIP) embryo grading system designed to reduce multiple pregnancy. 2016 , 2, 11-16	2
851	Quantitative and qualitative trophectoderm grading allows for prediction of live birth and gender. 2016 , 33, 49-57	38
850	Clinical background affecting pregnancy outcome following local endometrial injury in infertile patients with repeated implantation failure. 2016 , 32, 587-90	5
849	Molecular analysis of DNA in blastocoele fluid using next-generation sequencing. 2016 , 33, 637-645	28
848	The impact of patient preselection on reported IVF outcomes. 2016 , 33, 455-9	8
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846	CXADR is required for AJ and TJ assembly during porcine blastocyst formation. 2016 , 151, 297-304	12
845	Effect of mesenchymal stem cells and mouse embryonic fibroblasts on the development of preimplantation mouse embryos. 2016 , 52, 497-506	10

844	Is oocyte meiotic spindle morphology associated with embryo ploidy? A prospective cohort study. <i>Fertility and Sterility</i> , 2016 , 105, 1085-1092.e7	4.8	18
843	Morphologic grading of euploid blastocysts influences implantation and ongoing pregnancy rates. <i>Fertility and Sterility</i> , 2017 , 107, 664-670	4.8	70
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835	Extreme spermatogenesis failure: andrological phenotype and intracytoplasmic sperm injection outcomes. 2017 , 5, 219-225		8
834	Minimizing Multiple Pregnancy After Assisted Reproductive Technology. 33-45		
833	Vitrified-warmed single-embryo transfers may be associated with increased maternal complications compared with fresh single-embryo transfers. 2017 , 35, 94-102		11
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823	Embryo Biopsy by Laser on Day 5 in the IVF Laboratory. 245-252		
822	Protective Effects of Coenzyme Q10 on Developmental Competence of Porcine Early Embryos. 2017 , 23, 849-858		9
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814	Inter-observer and intra-observer agreement between embryologists during selection of a single Day 5 embryo for transfer: a multicenter study. 2017 , 32, 307-314		57
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804	Retrospective comparative study of the factors affecting birthweights in frozen-thawed embryo transfer, compared to fresh embryo transfer. 2017 , 16, 283-289	8
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731	Dosage of exogenous gonadotropins is not associated with blastocyst aneuploidy or live-birth rates in PGS cycles in Chinese women. 2018 , 33, 1875-1882		22
730	Preincubation with glutathione ethyl ester improves the developmental competence of vitrified mouse oocytes. 2018 , 35, 1169-1178		14
729	Blastocyst development rate influences implantation and live birth rates of similarly graded euploid blastocysts. <i>Fertility and Sterility</i> , 2018 , 110, 95-102.e1	4.8	38
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687	Novel uterine lavage system for recovery of human embryos fertilized and matured in vivo. 2019 , 12, 133-141	2
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681	Comparative Embryo Culture. 2019 ,		2
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677	Deep learning as a predictive tool for fetal heart pregnancy following time-lapse incubation and blastocyst transfer. 2019 , 34, 1011-1018		96
676	Embryo morphokinetics is potentially associated with clinical outcomes of single-embryo transfers in preimplantation genetic testing for aneuploidy cycles. 2019 , 39, 569-579		14
675	Characterization of Microbiota in Endometrial Fluid and Vaginal Secretions in Infertile Women with Repeated Implantation Failure. 2019 , 2019, 4893437		36
674	Cumulus cell pappalysin-1, luteinizing hormone/choriogonadotropin receptor, amphiregulin and hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1 mRNA levels associate with oocyte developmental competence and embryo outcomes. 2019 , 36, 1457-1469		4
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667	Impact of Paternal Age on Seminal Parameters and Reproductive Outcome of Intracytoplasmic Sperm Injection in Infertile Italian Women. 2019 , 10, 35		7
666	Cumulative live birth rate of advanced-age women more than 40 with or without poor ovarian response. 2019 , 58, 201-205		8
665	Closed embryo culture system improved embryological and clinical outcome for single vitrified-warmed blastocyst transfer: A single-center large cohort study. 2019 , 19, 139-144		2

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662	Assessing Embryo Morphology to Enhance Successful Selection and Transfer. 2019 , 269-279		
661	Intrafollicular melatonin concentration is elevated in patients with ovarian hyperstimulation syndrome (OHSS) and can serve as an important predictor of OHSS. 2019 , 299, 1151-1158		3
660	Successful Implantation and Live Birth Following Autologous Platelet-rich Plasma Treatment for a Patient with Recurrent Implantation Failure and Chronic Endometritis. 2019 , 33, 515-521		20
659	Frozen versus fresh single blastocyst transfer in ovulatory women: a multicentre, randomised controlled trial. 2019 , 393, 1310-1318		160
658	Human growth hormone for poor responders: a randomized placebo-controlled trial provides no evidence for improved live birth rate. 2019 , 38, 908-915		38
657	Increased body mass index associated with increased preterm delivery in frozen embryo transfers. 2019 , 39, 377-383		7
656	Image Segmentation of Zona-Ablated Human Blastocysts. 2019 ,		1
655	In vitro production of horse embryos predisposes to micronucleus formation, whereas time to blastocyst formation affects likelihood of pregnancy. 2019 , 31, 1830-1839		3
654	International Federation of Fertility Societies Surveillance (IFFS) 2019: Global Trends in Reproductive Policy and Practice, 8th Edition. 2019 , 4, e29-e29		15
653	PGT-A (preimplantational genetic screening) in patients with partial X monosomy using own oocytes: is a suitable indication?. <i>Fertility and Sterility</i> , 2019 , 112, e239	4.8	0
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651	The Effect of Growth Hormone on the Clinical Outcomes of Poor Ovarian Reserve Patients Undergoing Fertilization/Intracytoplasmic Sperm Injection Treatment: A Retrospective Study Based on POSEIDON Criteria. 2019 , 10, 775		9
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628	Effect of endometrial thickness on ectopic pregnancy in frozen embryo transfer cycles: an analysis including 17,244 pregnancy cycles. <i>Fertility and Sterility</i> , 2020 , 113, 131-139	4.8	11
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625	Peptidomic analysis of blastocyst culture medium and the effect of peptide derived from blastocyst culture medium on blastocyst formation and viability. 2020 , 87, 191-201		2
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622	Time-lapse imaging of cytoplasmic strings at the blastocyst stage suggests their association with spontaneous blastocoel collapse. 2020 , 40, 191-199		3
621	Higher implantation and live birth rates with laser zona pellucida breaching than thinning in single frozen-thawed blastocyst transfer. 2020 , 35, 1349-1355		6
620	The effect of endometrial thickness on pregnancy outcomes of frozen-thawed embryo transfer cycles which underwent hormone replacement therapy. 2020 , 15, e0239120		4
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604	Clinical outcomes of Preimplantation genetic testing (PGT) application in couples with chromosomal inversion, a study in the Chinese Han population. 2020 , 18, 79	2
603	Comparing pregnancy outcomes between natural cycles and artificial cycles following frozen-thaw embryo transfers. 2020 , 60, 804-809	4
602	A visualized clinical model predicting good quality blastocyst development in the first IVF/ICSI cycle. 2020 , 41, 807-817	0
601	Does fresh single embryo transfer outcome predict the result of a subsequent vitrified-warmed blastocyst of the same cohort?. 2020 , 1-6	
600	Follicular phase length has no influence on frozen-thawed embryo transfers in natural cycles. 2020 , 13, 87	1
599	Obstetric, Neonatal, and Clinical Outcomes of Day 6 vs. Day 5 Vitrified-Warmed Blastocyst Transfers: Retrospective Cohort Study With Propensity Score Matching. 2020 , 11, 499	3
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596	Blasts from the past: is morphology useful in PGT-A tested and untested frozen embryo transfers?. 2020 , 41, 981-989	6
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589	Metabolic activity of human blastocysts correlates with their morphokinetics, morphological grade, KIDScore and artificial intelligence ranking. 2020 , 35, 2004-2016	3
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581	PROGNOSTIC VALUE OF BLASTOCYST GRADE AFTER FROZEN EUPLOID EMBRYO TRANSFER IN PATIENTS WITH RECURRENT PREGNANCY LOSS. 2020 , 1, 113-118	0
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575	Live birth rate and neonatal outcomes of different quantities and qualities of frozen transferred blastocyst in patients requiring whole embryo freezing stratified by age. 2020 , 20, 655	5

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573	Between-laboratory reproducibility of time-lapse embryo selection using qualitative and quantitative parameters: a systematic review and meta-analysis. 2020 , 37, 1295-1302	3
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570	Suboptimal endometrial-embryonal synchronization is a risk factor for ectopic pregnancy in assisted reproduction techniques. 2020 , 41, 254-262	1
569	Effects of three abnormal conditions of fallopian tube on outcomes of the in vitro fertilization and embryo transfer technique. 2020 , 46, 1412-1418	0
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567	Follicle size indicates oocyte maturity and blastocyst formation but not blastocyst euploidy following controlled ovarian hyperstimulation of oocyte donors. 2020 , 35, 545-556	4
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560	Healthy live births from transfer of low-mosaicism embryos after preimplantation genetic testing for aneuploidy. 2020 , 37, 2305-2313	10
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550	Association between the number of top-quality blastocysts and live births after single blastocyst transfer in the first fresh or vitrified-warmed IVF/ICSI cycle. 2020 , 40, 530-537	5
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546	Preimplantation genetic testing for aneuploidy in poor ovarian responders with four or fewer oocytes retrieved. 2020 , 37, 1147-1154	7
545	Progesterone modulates adhesion molecules in uterine epithelial cells and in vitro embryo production in buffalo. 2020 , 55, 833-843	4
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542	Necessity is the mother of invention and the evolutionary force driving the success of in vitro fertilization. 2021 , 104, 255-273	0
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539	Improving the clinical outcomes by extended culture of day 3 embryos with low blastomere number to blastocyst stage following frozen-thawed embryo transfer. 2021 , 303, 573-580	1

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509	Conventional ICSI vs. physiological selection of spermatozoa for ICSI (picsi) in sibling oocytes. 2021 , 9, 873-877		0
508	Clinical Outcomes of Frozen-Thawed Embryos Generated From Growth Hormone Stimulation in Expected Poor Responders. 2020 , 11, 608225		
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499	The outcome of IVF/ICSI cycles in male cancer patients: retrospective analysis of procedures from 2004 to 2018. 2021 , 55, 221-228	0
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492	Maternal and neonatal outcomes in pregnancies conceived after preimplantation genetic testing. 2021 , 41, 835-842	2
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488	Ethical Implementation of Artificial Intelligence to Select Embryos in In Vitro Fertilization. 2021 ,	2
487	Optimal Endometrial Preparation Protocols for Frozen-thawed Embryo Transfer Cycles by Maternal Age. 2021 , 28, 2847-2854	0
486	Effect of a "Dual Trigger" Using a GnRH Agonist and hCG on the Cumulative Live-Birth Rate for Normal Responders in GnRH-Antagonist Cycles. 2021 , 8, 683210	2
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470	The Possibility of Analyzing Endometrial Receptivity Using Cells from Embryo Transfer Catheters. 2021 , 28, 2623-2629		
469	Predictive value of serum and follicular fluid chemerin concentrations during assisted reproductive cycles in women with polycystic ovary syndrome. 2021 , 37, 814-818		2
468	Reprogramming of DNA methylation is linked to successful human preimplantation development. 2021 , 156, 197-207		2
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462	[Overweight or obesity: impact on the results of the first IVF/ICSI attempt]. 2021 , 49, 593-600		
461	Maternal and neonatal outcomes following blastocyst biopsy for PGT in single vitrified-warmed embryo transfer cycles. 2021 ,		1
460	Comparing prediction of ongoing pregnancy and live birth outcomes in patients with advanced and younger maternal age patients using KIDScoreDay 5: a large-cohort retrospective study with single vitrified-warmed blastocyst transfer. 2021 , 19, 98		2
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449	Morphogenesis of the human preimplantation embryo: bringing mechanics to the clinics. 2021 , 120, 22-22		2

448	The use of propensity score matching to assess the benefit of the endometrial receptivity analysis in frozen embryo transfers. <i>Fertility and Sterility</i> , 2021 , 116, 396-403	4.8	1
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445	Deep learning-based algorithm for predicting the live birth potential of mouse embryos.		0
444	Cumulative IVF outcomes after retrieval of testicular spermatozoa: should we use immotile spermatozoa for ICSI?. 2021 , 43, 269-277		0
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