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**A prospective randomized trial of blastocyst culture and transfer in in-vitro fertilization**

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624	Impact of peak estradiol levels on reproductive outcome of intracytoplasmic sperm injection. <b>2014</b> , 30, 986-91		7
623	Development of serum-free media for the culture and transfer of human blastocysts. <i>Human Reproduction</i> , <b>1998</b> , 13 Suppl 4, 218-25	5.7	68
622	Blastocyst stage transfer: pitfalls and benefits. Too soon to abandon current practice?. <i>Human Reproduction</i> , <b>1998</b> , 13, 3285-9	5.7	61
621	No longer neglected: the human blastocyst. <i>Human Reproduction</i> , <b>1998</b> , 13, 3289-92	5.7	24
620	The use of blastocyst culture to avoid inheritance of an abnormal paternal genome after ICSI. <i>Human Reproduction</i> , <b>1999</b> , 14, 4-5	5.7	20
619	Variability in the expression of trophoctodermal markers beta-human chorionic gonadotrophin, human leukocyte antigen-G and pregnancy specific beta-1 glycoprotein by the human blastocyst. <i>Human Reproduction</i> , <b>1999</b> , 14, 1852-8	5.7	89
618	Is the success of human IVF more a matter of genetics and evolution than growing blastocysts?. <i>Human Reproduction</i> , <b>1999</b> , 14, 1-4	5.7	58
617	A randomized trial of blastocyst culture and transfer in in-vitro fertilization. <i>Human Reproduction</i> , <b>1999</b> , 14, 1663	5.7	3
616	A rational approach to the management of low responders in in-vitro fertilization. <i>Human Reproduction</i> , <b>1999</b> , 14, 1744-8	5.7	86
615	Influence of group culture and culture volume on the formation of human blastocysts: a prospective randomized study. <i>Human Reproduction</i> , <b>1999</b> , 14, 2333-7	5.7	45
614	Use of co-culture of human embryos on Vero cells to improve clinical implantation rate. <i>Human Reproduction</i> , <b>1999</b> , 14 Suppl 2, 112-20	5.7	26
613	New aspects of cryopreservation of oocytes and embryos in assisted reproduction and future perspectives. <i>Human Reproduction</i> , <b>1999</b> , 14 Suppl 1, 162-85	5.7	123
612	Containerless vitrification of mammalian oocytes and embryos. <b>1999</b> , 17, 1234-6		188
611	Clinical outcome of day 2 versus day 3 embryo transfer using serum-free culture media: a prospective randomized study. <b>1999</b> , 16, 529-34		20
610	Regulation of intracellular pH in bovine oocytes and cleavage stage embryos. <b>1999</b> , 54, 396-401		43
609	Confirmation of diagnosis in preimplantation genetic diagnosis (PGD) through blastocyst culture: preliminary experience. <b>1999</b> , 19, 1242-1247		35
608	Prevention of twin pregnancy after in-vitro fertilization or intracytoplasmic sperm injection based on strict embryo criteria: a prospective randomized clinical trial. <i>Human Reproduction</i> , <b>1999</b> , 14, 2581-7	5.7	336

607	Blastocyst transfer--a natural evolution. <i>Fertility and Sterility</i> , <b>1999</b> , 72, 216-7	4.8	14
606	Is blastocyst transfer useful as an alternative treatment for patients with multiple in vitro fertilization failures?. <i>Fertility and Sterility</i> , <b>1999</b> , 72, 218-20	4.8	82
605	Two-blastocyst transfer has similar pregnancy rates and a decreased multiple gestation rate compared with three-blastocyst transfer. <i>Fertility and Sterility</i> , <b>1999</b> , 72, 225-8	4.8	97
604	Development and integration of an extended embryo culture program. <i>Fertility and Sterility</i> , <b>1999</b> , 72, 418-22	4.8	25
603	Blastocyst culture and transfer: analysis of results and parameters affecting outcome in two in vitro fertilization programs. <i>Fertility and Sterility</i> , <b>1999</b> , 72, 604-9	4.8	218
602	Introduction of blastocyst culture and transfer for all patients in an in vitro fertilization program. <i>Fertility and Sterility</i> , <b>1999</b> , 72, 1035-40	4.8	158
601	Vitrification of mouse and human blastocysts using a novel cryoloop container-less technique. <i>Fertility and Sterility</i> , <b>1999</b> , 72, 1073-8	4.8	274
600	Extraordinary implantation rates with fresh blastocyst transfer: better culture conditions or selection of the best patients?. <i>Human Reproduction</i> , <b>1999</b> , 14, 2178-80	5.7	5
599	A randomized trial of blastocyst culture and transfer in in-vitro fertilization: reply. <i>Human Reproduction</i> , <b>1999</b> , 14, 1663A-1663	5.7	7
598	Current World Literature. <b>2000</b> , 12, 233-272		
597	An appreciation of modern ART. <b>2000</b> , 43, 942-57		3
596	Growth and viability of human blastocysts in vitro. <b>2000</b> , 8, 241-287		9
595	Avoiding multiple pregnancies in ART: a plea for single embryo transfer. <i>Human Reproduction</i> , <b>2000</b> , 15, 1884-8	5.7	67
594	The economic consequences of multiple gestation pregnancy in assisted conception cycles. <b>2000</b> , 3, 275-283		22
593	Nutritional and metabolic requirements of early cleavage stage embryos and blastocysts. <b>2000</b> , 3, 247-254		19
592	Blastocyst transfer: a useful tool for reduction of high-order multiple gestations in a human assisted reproduction program. <b>2000</b> , 183, 377-9; discussion 380-2		19
591	Comparison of zona manipulated and zona intact blastocyst transfers: a prospective randomized trial. <b>2000</b> , 17, 135-9		17
590	Routine blastocyst culture and transfer: 201 patients' experience. <b>2000</b> , 17, 405-8		11

589	Blastocyst-ET and monozygotic twinning. <b>2000</b> , 17, 349-51		130
588	Day 5 versus day 3 embryo transfer: a controlled randomized trial. <i>Human Reproduction</i> , <b>2000</b> , 15, 1947-52	5.7	174
587	Assisted Reproductive Technologies. <b>2000</b> , 215-225b		
586	Unser Thema Ihr Thema. <b>2000</b> , 9, 5-10		
585	Cleavage anomalies in early human embryos and survival after prolonged culture in-vitro. <i>Human Reproduction</i> , <b>2000</b> , 15, 2634-43	5.7	242
584	Formulation of a protein-free medium for human assisted reproduction. <i>Human Reproduction</i> , <b>2000</b> , 15, 145-56	5.7	26
583	Blastocyst culture: toward single embryo transfers. <b>2000</b> , 3, 229-237		37
582	Training and dealing with errors or mistakes in medical practical procedures. <b>2000</b> , 83, 95-8		3
581	Intrafollicular influences on human oocyte developmental competence: perfollicular vascularity, oocyte metabolism and mitochondrial function. <i>Human Reproduction</i> , <b>2000</b> , 15 Suppl 2, 173-88	5.7	107
580	A quantitative analysis of the impact of cryopreservation on the implantation potential of human early cleavage stage embryos. <i>Human Reproduction</i> , <b>2000</b> , 15, 175-9	5.7	147
579	Clinical use of a pronuclear stage score following intracytoplasmic sperm injection: impact on pregnancy rates under the conditions of the German embryo protection law. <i>Human Reproduction</i> , <b>2000</b> , 15, 325-9	5.7	78
578	Possible consequences of performing intracytoplasmic sperm injection (ICSI) with sperm possessing nuclear DNA damage. <b>2000</b> , 3, 26-30		28
577	Reducing the risk of high-order multiple pregnancy after ovarian stimulation with gonadotropins. <b>2000</b> , 343, 2-7		227
576	Intracytoplasmic sperm injection and other aspects of new reproductive technologies. <b>2000</b> , 83, 98-101		17
575	Is the ethos of medical practice in community paediatrics compatible with that in public health?. <b>2000</b> , 83, 101-3		2
574	Apoptosis in mammalian preimplantation embryos: regulation by survival factors. <b>2000</b> , 3, 36-47		64
573	In-vitro production of cattle embryos: problems with pregnancies and parturition. <i>Human Reproduction</i> , <b>2000</b> , 15 Suppl 5, 47-58	5.7	56
572	Zygote evaluation: an efficient tool for embryo selection. <i>Human Reproduction</i> , <b>2000</b> , 15, 2591-7	5.7	85

571	Advances in assisted reproductive technologies. <b>2000</b> , 27, 517-27		7
570	Ethical issues and the commercialization of embryo culture media. <b>2000</b> , 1, 74-6		23
569	Blastocyst transfer for couples with multiple IVF failures?. <i>Fertility and Sterility</i> , <b>2000</b> , 73, 872	4.8	
568	. <i>Fertility and Sterility</i> , <b>2000</b> , 73, 868-869	4.8	
567	Blastocyst score affects implantation and pregnancy outcome: towards a single blastocyst transfer. <i>Fertility and Sterility</i> , <b>2000</b> , 73, 1155-8	4.8	1026
566	Blastocyst quality affects the success of blastocyst-stage embryo transfer. <i>Fertility and Sterility</i> , <b>2000</b> , 74, 282-7	4.8	125
565	Blastocyst culture and transfer increases the efficiency of oocyte donation. <i>Fertility and Sterility</i> , <b>2000</b> , 74, 482-6	4.8	70
564	Double (consecutive) transfer of early embryos and blastocysts: aims and results. <i>Fertility and Sterility</i> , <b>2000</b> , 74, 936-40	4.8	18
563	Expression of vascular endothelial growth factor mRNA in human preimplantation embryos derived from trippronuclear zygotes. <i>Fertility and Sterility</i> , <b>2000</b> , 74, 1220-6	4.8	38
562	Comparison of blastocyst transfer with day 3 embryo transfer in similar patient populations. <i>Fertility and Sterility</i> , <b>2000</b> , 73, 126-9	4.8	149
561	. <i>Fertility and Sterility</i> , <b>2000</b> , 73, 872	4.8	
560	The number of eight-cell embryos is a key determinant for selecting day 3 or day 5 transfer. <i>Fertility and Sterility</i> , <b>2000</b> , 73, 558-64	4.8	194
559	Predictive value of 72-hour blastomere cell number on blastocyst development and success of subsequent transfer based on the degree of blastocyst development. <i>Fertility and Sterility</i> , <b>2000</b> , 73, 582-6	4.8	82
558	Selection of summary measures for ART?. <i>Fertility and Sterility</i> , <b>2000</b> , 73, 869-70	4.8	
557	. <i>Fertility and Sterility</i> , <b>2000</b> , 73, 869-870	4.8	0
556	The selection of summary measures for ART outcome data-"reveal codes". <i>Fertility and Sterility</i> , <b>2000</b> , 73, 870-2	4.8	1
555	Embryo cryopreservation at the pronuclear stage and efficient embryo use optimizes the chance for a liveborn infant from a single oocyte retrieval. <i>Fertility and Sterility</i> , <b>2000</b> , 73, 767-73	4.8	36
554	Glucose metabolism of human morula and blastocyst-stage embryos and its relationship to viability after transfer. <b>2001</b> , 3, 124-132		39

553	ICSI and day 5 embryo transfers: higher implantation rates and lower rate of multiple pregnancy with prolonged culture. <b>2001</b> , 3, 216-220		11
552	Impact of intramural leiomyomata in patients with a normal endometrial cavity on in vitro fertilization-embryo transfer cycle outcome. <i>Fertility and Sterility</i> , <b>2001</b> , 75, 405-10	4.8	164
551	Laparoscopic management of hydrosalpinges before in vitro fertilization-embryo transfer: salpingectomy versus proximal tubal occlusion. <i>Fertility and Sterility</i> , <b>2001</b> , 75, 612-7	4.8	70
550	Blastocyst-stage transfer of poor-quality cleavage-stage embryos results in higher implantation rates. <i>Fertility and Sterility</i> , <b>2001</b> , 75, 514-8	4.8	68
549	A comparison of day 5 and day 6 blastocyst transfers. <i>Fertility and Sterility</i> , <b>2001</b> , 75, 1126-30	4.8	122
548	Successful birth after transfer of vitrified human blastocysts with use of a cryoloop containerless technique. <i>Fertility and Sterility</i> , <b>2001</b> , 76, 618-20	4.8	153
547	Dramatic declines in implantation and pregnancy rates in patients who undergo repeated cycles of in vitro fertilization with blastocyst transfer after one or more failed attempts. <i>Fertility and Sterility</i> , <b>2001</b> , 76, 538-42	4.8	51
546	Sex ratio and birth weights of infants born as a result of blastocyst transfers compared with early cleavage stage embryo transfers. <i>Fertility and Sterility</i> , <b>2001</b> , 76, 688-93	4.8	35
545	Human chorionic gonadotropin levels after blastocyst transfer are highly predictive of pregnancy outcome. <i>Fertility and Sterility</i> , <b>2001</b> , 76, 981-7	4.8	29
544	Comparison of G1.2/G2.2 and Sydney IVF cleavage/blastocyst sequential media for the culture of human embryos: a prospective, randomized, comparative study. <i>Fertility and Sterility</i> , <b>2001</b> , 76, 1023-31	4.8	54
543	Quantitative grading of a human blastocyst: optimal inner cell mass size and shape. <i>Fertility and Sterility</i> , <b>2001</b> , 76, 1157-67	4.8	136
542	The effect of intracytoplasmic sperm injection and semen parameters on blastocyst development in vitro. <i>Human Reproduction</i> , <b>2001</b> , 16, 918-24	5.7	104
541	Mechanisms for managing cellular and homeostatic stress in vitro. <b>2001</b> , 55, 225-36		47
540	Development of goat embryos after in vitro fertilization and parthenogenetic activation by different methods. <b>2001</b> , 55, 1933-45		50
539	Development and viability of in vitro derived porcine blastocysts cultured in NCSU23 and G1.2/G2.2 sequential medium. <b>2001</b> , 56, 459-69		21
538	Blastocyst culture: myth or magic?. <b>2001</b> , 4, 109-16		5
537	Blastocyst transfer for patients with multiple assisted reproduction treatment failures: preliminary experience. <b>2001</b> , 4, 104-8		3
536	Conventional in-vitro fertilization treatment. <b>2001</b> , 117-152		

535	Is there any benefit from the culture of a single oocyte to a blastocyst-stage embryo in unstimulated cycles?. <i>Human Reproduction</i> , <b>2001</b> , 16, 2379-83	5.7	20
534	Ultrasound-guided embryo transfer maximizes the IVF results on day 3 and day 4 embryo transfer but has no impact on day 5. <i>Human Reproduction</i> , <b>2001</b> , 16, 1904-8	5.7	64
533	Reflections on the number of embryos to replace at the dawn of the 21st century. <b>2001</b> , 13, 293-7		1
532	A prospective, randomized study comparing day 2 and day 3 embryo transfer in human IVF. <i>Human Reproduction</i> , <b>2001</b> , 16, 476-80	5.7	64
531	Frequency of a monochorionic pair in multiple gestations: relationship to mode of conception. <b>2001</b> , 20, 757-60; quiz 761		89
530	Blastocyst transfer: does it really affect the outcome?. <b>2001</b> , 13, 299-304		11
529	From co-culture to defined medium: state of the art and practical considerations. <b>2001</b> , 36, 25-8		28
528	Blastocyst evaluation by means of differential staining: a practical approach. <b>2001</b> , 36, 29-35		30
527	Aspects of biopsy procedures prior to preimplantation genetic diagnosis. <b>2001</b> , 21, 767-80		114
526	Successful Day 5 embryo transfer and pregnancies resulting after transport of embryos by air for biopsy and genetic analysis. <b>2001</b> , 18, 330-5		7
525	Alternative embryo transfer on day 3 or day 5 for reducing the risk of multiple gestations. <b>2001</b> , 18, 262-7		19
524	Effect of essential amino acids on mouse embryo viability and ammonium production. <b>2001</b> , 18, 519-25		64
523	Embryo selection by the first cleavage parameter between 25 and 27 hours after ICSI. <b>2001</b> , 18, 209-12		19
522	Vero cells, but not oviductal cells, increase the hatching frequency and total cell count of mouse blastocysts partly by changing energy substrate concentrations in culture medium. <b>2001</b> , 18, 566-74		14
521	The prognostic significance of day 3 embryo cleavage stage on subsequent blastocyst development in a sequential culture system. <b>2001</b> , 18, 548-50		11
520	Substrate utilization in porcine embryos cultured in NCSU23 and G1.2/G2.2 sequential culture media. <b>2001</b> , 58, 269-75		42
519	Vitrification of mouse oocytes using a nylon loop. <b>2001</b> , 58, 342-7		128
518	Establishment and characterization of an immortalized human oviductal cell line. <b>2001</b> , 59, 400-9		65

517	Effects of culture system and protein supplementation on mRNA expression in pre-implantation bovine embryos. <i>Human Reproduction</i> , <b>2001</b> , 16, 893-901	5.7	271
516	Amino acids promote human blastocyst development in vitro. <i>Human Reproduction</i> , <b>2001</b> , 16, 749-56	5.7	81
515	Ultrastructural observations of enzymatically treated human blastocysts: zona-free blastocyst transfer and rescue of blastocysts with hatching difficulties. <i>Human Reproduction</i> , <b>2001</b> , 16, 540-6	5.7	38
514	Extended embryo culture in human assisted reproduction treatments. <i>Human Reproduction</i> , <b>2001</b> , 16, 902-8	5.7	107
513	Trends in the incidence of births and multiple births and the factors that determine the probability of multiple birth after IVF treatment. <i>Human Reproduction</i> , <b>2001</b> , 16, 2598-605	5.7	29
512	Early cleavage of human embryos: an effective method for predicting successful IVF/ICSI outcome. <i>Human Reproduction</i> , <b>2001</b> , 16, 2658-61	5.7	78
511	The effect of pronuclear morphology on embryo quality parameters and blastocyst transfer outcome. <i>Human Reproduction</i> , <b>2001</b> , 16, 2357-61	5.7	95
510	Blastocyst versus day 2 or 3 transfer. <b>2001</b> , 19, 259-68		32
509	Assessment of Mammalian Embryo Quality. <b>2002</b> ,		2
508	The neglected morula/compact stage embryo transfer. <i>Human Reproduction</i> , <b>2002</b> , 17, 1513-8	5.7	80
507	Time from insemination to first cleavage predicts developmental competence of human preimplantation embryos in vitro. <i>Human Reproduction</i> , <b>2002</b> , 17, 407-12	5.7	150
506	Births after vitrification at morula and blastocyst stages: effect of artificial reduction of the blastocoelic cavity before vitrification. <i>Human Reproduction</i> , <b>2002</b> , 17, 744-51	5.7	217
505	Pregnancies following blastocyst stage transfer in PGD cycles at risk for beta-thalassaemic haemoglobinopathies. <i>Human Reproduction</i> , <b>2002</b> , 17, 25-31	5.7	18
504	Addition of ascorbate during cryopreservation stimulates subsequent embryo development. <i>Human Reproduction</i> , <b>2002</b> , 17, 2686-93	5.7	80
503	The use of a detailed zygote score after IVF/ICSI to obtain good quality blastocysts: the German experience. <i>Human Reproduction</i> , <b>2002</b> , 17, 1327-33	5.7	76
502	[First experiences with human blastocyst culture after IVF/ICSI under the conditions of the German embryo protection law]. <b>2002</b> , 124, 164-9		2
501	First polar body morphology and blastocyst formation rate in ICSI patients. <i>Human Reproduction</i> , <b>2002</b> , 17, 2415-8	5.7	57
500	Preimplantation genetic diagnosis in clinical practice. <b>2002</b> , 39, 6-11		30



499	Development of Viable Mammalian Embryos In Vitro. <b>2002</b> , 187-213		6
498	Quality and age of companion felid embryos modulate enhanced development by group culture. <b>2002</b> , 66, 167-73		41
497	Morphological appearance of the cryopreserved mouse blastocyst as a tool to identify the type of cryoinjury. <i>Human Reproduction</i> , <b>2002</b> , 17, 1863-74	5:7	58
496	Manipulation of follicular development to produce developmentally competent bovine oocytes. <b>2002</b> , 66, 38-43		153
495	Alternative approaches in IVF. <b>2002</b> , 8, 1-9		51
494	A prospective randomized comparison of sequential versus monoculture systems for in-vitro human blastocyst development. <i>Human Reproduction</i> , <b>2002</b> , 17, 2700-5	5:7	62
493	Assisted reproductive technologies: toward improving implantation rates and reducing high-order multiple gestations. <b>2002</b> , 57, 519-29		2
492	The effect of gonadotrophic stimulation on integrin expression in the endometrium. <i>Human Reproduction</i> , <b>2002</b> , 17, 63-8	5:7	35
491	A prospective trial of blastocyst culture and transfer. <i>Human Reproduction</i> , <b>2002</b> , 17, 1846-51	5:7	58
490	In vitro fertilization overview for endocrinologists. <b>2002</b> , 9, 1-9		
489	Cleavage stage versus blastocyst stage embryo transfer in assisted conception. <b>2002</b> , CD002118		28
488	Blastocyst culture and transfer: a step toward improved in vitro fertilization outcome. <i>Fertility and Sterility</i> , <b>2002</b> , 77, 114-8	4:8	116
487	Healthy twin delivery after day 7 blastocyst transfer coupled with assisted hatching. <i>Fertility and Sterility</i> , <b>2002</b> , 77, 615-7	4:8	13
486	Clinical outcome of day 2 versus day 5 transfer in cycles with one or two developed embryos. <i>Fertility and Sterility</i> , <b>2002</b> , 77, 529-36	4:8	29
485	Integration of blastocyst transfer for all patients. <i>Fertility and Sterility</i> , <b>2002</b> , 77, 693-6	4:8	85
484	Prospective evaluation of blastocyst stage transfer vs. zygote intrafallopian tube transfer in patients with repeated implantation failure. <i>Fertility and Sterility</i> , <b>2002</b> , 77, 971-7	4:8	24
483	A prospective randomized study comparing day 3 with blastocyst-stage embryo transfer. <i>Fertility and Sterility</i> , <b>2002</b> , 77, 1300-1	4:8	59
482	Accuracy of day 3 criteria for selecting the best embryos. <i>Fertility and Sterility</i> , <b>2002</b> , 77, 1191-5	4:8	71

481	Comparison of blastocyst transfer to day 3 transfer with assisted hatching in the older patient. <i>Fertility and Sterility</i> , <b>2002</b> , 78, 1244-7	4.8	14
480	Improvement in early human embryo development using new formulation sequential stage-specific culture media. <i>Fertility and Sterility</i> , <b>2002</b> , 78, 1254-60	4.8	40
479	The oviduct and development of the preimplantation embryo. <b>2002</b> , 10, 21-44		22
478	Pregnancy and birth after assisted reproduction. <b>2002</b> , 5, 78-88		3
477	Recombinant human albumin as protein source in culture media used for IVF: a prospective randomized study. <b>2002</b> , 4, 233-6		51
476	Recent advances in the production of viable human embryos in vitro. <b>2002</b> , 4, 294-302		53
475	Blastocyst culture: facts and fiction. <b>2002</b> , 5, 285-93		34
474	Embryonic development and pregnancies following sequential culture in human tubal fluid and a modified simplex optimized medium containing amino acids. <b>2002</b> , 5, 323-7		15
473	A novel approach for patients at risk for ovarian hyperstimulation syndrome: elective transfer of a single zona-free blastocyst on day 5. <b>2002</b> , 4, 51-5		17
472	Blastocyst culture in human IVF: the final destination or a stop along the way?. <b>2002</b> , 57, 97-107		7
471	Monozygotic twinning: is it related to apoptosis in the embryo?. <i>Human Reproduction</i> , <b>2002</b> , 17, 247-8	5.7	61
470	Different perspectives of patients and health care professionals on the potential benefits and risks of blastocyst culture and multiple embryo transfer. <i>Human Reproduction</i> , <b>2002</b> , 17, 1023-30	5.7	30
469	A prospective randomized study: day 2 versus day 5 embryo transfer. <i>Human Reproduction</i> , <b>2002</b> , 17, 1507-12	5.7	103
468	In Vitro Fertilization in the Office Setting. <b>2002</b> , 161-173		
467	Outcomes of dichorionic triplet pregnancies. <b>2002</b> , 186, 765-7		47
466	Physiology and culture of the human blastocyst. <b>2002</b> , 55, 85-100		71
465	Embryo transfer after 2 or 5 days of IVF culture: a retrospective comparison. <b>2002</b> , 81, 126-32		5
464	Production of buffalo ( <i>Bubalus bubalis</i> ) embryos in vitro: premises and promises. <b>2002</b> , 37, 65-74		51

463	Preimplantation genetic diagnosis. <b>2002</b> , 3, 941-53		175
462	Successful elective single blastocyst transfer in a patient with prior repetitive high-order multiple gestations. <b>2002</b> , 19, 205-8		1
461	Routine laser assisted hatching results in significantly increased clinical pregnancies. <b>2003</b> , 20, 177-81		21
460	Does surgical management of endometriosis within 6 months of an in vitro fertilization-embryo transfer cycle improve outcome?. <b>2003</b> , 20, 365-70		23
459	Comparison of pregnancy, implantation, and multiple gestation rates for day 3 versus day 5 embryo transfers. <b>2003</b> , 20, 409-12		4
458	A prospective randomized multicenter study to evaluate the best day for embryo transfer: does the outcome justify prolonged embryo culture?. <b>2003</b> , 20, 91-4		29
457	Effect of ICSI on subsequent blastocyst development and pregnancy rates. <b>2003</b> , 20, 113-6		14
456	Blastozystenkultur unter den Bedingungen des Deutschen Embryonenschutzgesetzes. <b>2003</b> , 1, 176-182		
455	Ectopic pregnancy rates with day 3 versus day 5 embryo transfer: a retrospective analysis. <b>2003</b> , 3, 7		32
454	Implantation rates after two, three, or five days of embryo culture. <b>2003</b> , 24 Suppl B, S13-9		44
453	Blastocyst transfer decreases multiple pregnancy rates in in vitro fertilization cycles: a randomized controlled trial. <i>Fertility and Sterility</i> , <b>2003</b> , 79, 228-30	4.8	73
452	Changing the start temperature and cooling rate in a slow-freezing protocol increases human blastocyst viability. <i>Fertility and Sterility</i> , <b>2003</b> , 79, 407-10	4.8	71
451	Incidence of monozygotic twinning with blastocyst transfer compared to cleavage-stage transfer. <i>Fertility and Sterility</i> , <b>2003</b> , 79, 503-6	4.8	165
450	Successful freezing and thawing of blastocysts cultured in sequential media using a modified method. <i>Fertility and Sterility</i> , <b>2003</b> , 79, 1428-33	4.8	23
449	Endometrial integrin expression in women undergoing in vitro fertilization and the association with subsequent treatment outcome. <i>Fertility and Sterility</i> , <b>2003</b> , 80, 502-7	4.8	53
448	Endometrial HOXA10 expression after controlled ovarian hyperstimulation with recombinant follicle-stimulating hormone. <i>Fertility and Sterility</i> , <b>2003</b> , 80 Suppl 2, 839-43	4.8	27
447	Optimal day for embryo transfer?. <i>Fertility and Sterility</i> , <b>2003</b> , 80, 1070-1; author reply 1071	4.8	
446	Optimal day for embryo transfer? Reply of the authors. <i>Fertility and Sterility</i> , <b>2003</b> , 80, 1071	4.8	

445	Diagnosis of endometriosis: utility of MRI?. <i>Fertility and Sterility</i> , <b>2003</b> , 80, 1071-2; author reply 1072	4.8	0
444	Clinical experience and perinatal outcome of blastocyst transfer after coculture of human embryos with human endometrial epithelial cells: a 5-year follow-up study. <i>Fertility and Sterility</i> , <b>2003</b> , 80, 1162-8	4.8	67
443	Delay of embryo transfer to day 5 results in decreased initial serum beta-human chorionic gonadotropin levels. <i>Fertility and Sterility</i> , <b>2003</b> , 80, 1359-63	4.8	29
442	Ammonium induces aberrant blastocyst differentiation, metabolism, pH regulation, gene expression and subsequently alters fetal development in the mouse. <b>2003</b> , 69, 1109-17		188
441	Pronuclear scoring as a predictor of embryo development. <b>2003</b> , 6, 201-14		136
440	Blastocyst cryopreservation: ultrarapid vitrification using cryoloop technique. <b>2003</b> , 6, 221-5		91
439	Day 3 versus day 5 embryo transfer: a prospective randomized study. <b>2003</b> , 7, 98-104		59
438	Outcome of blastocyst transfer according to availability of excess blastocysts suitable for cryopreservation. <b>2003</b> , 7, 587-92		11
437	Effect of culture environment on embryo quality and gene expression - experience from animal studies. <b>2003</b> , 7, 657-63		103
436	Towards a single embryo transfer. <b>2003</b> , 6, 470-81		123
435	Early cleavage predicts the viability of human embryos in elective single embryo transfer procedures. <i>Human Reproduction</i> , <b>2003</b> , 18, 821-5	5.7	134
434	Rethinking gamete/embryo isolation and culture with microfluidics. <b>2003</b> , 9, 451-61		54
433	Effects of gas conditions, time of medium change, and ratio of medium to embryo on in vitro development of horse oocytes fertilized by intracytoplasmic sperm injection. <b>2003</b> , 59, 1219-29		26
432	The effect of vitamins during maturation of caprine oocytes on subsequent developmental potential in vitro. <b>2003</b> , 59, 1373-80		23
431	Overnight incubation improves selection of frozen-thawed blastocysts for transfer: preliminary study using supernumerary embryos. <b>2003</b> , 60, 1457-66		20
430	Rare congenital disorders, imprinted genes, and assisted reproductive technology. <b>2003</b> , 361, 1975-7		300
429	Potentially preventable excess mortality among higher-order multiples. <b>2003</b> , 102, 679-84		31
428	Failures in assisted reproductive technology: an overview. <b>2003</b> , 107, 4-18		7

427	The biological basis of non-invasive strategies for selection of human oocytes and embryos. <b>2003</b> , 9, 237-49		94
426	Selection based on morphological assessment of oocytes and embryos at different stages of preimplantation development: a review. <b>2003</b> , 9, 251-62		216
425	Chemically defined media and the culture of mammalian preimplantation embryos: historical perspective and current issues. <b>2003</b> , 9, 557-82		202
424	An evaluation of PGD in clinical genetic services through 3 years application for prevention of beta-thalassaemia major and sickle cell thalassaemia. <b>2003</b> , 9, 301-7		19
423	The predictive value of using a combined Z-score and day 3 embryo morphology score in the assessment of embryo survival on day 5. <i>Human Reproduction</i> , <b>2003</b> , 18, 1299-306	5.7	61
422	Vitrification of human blastocysts using cryoloops: clinical outcome of 223 cycles. <i>Human Reproduction</i> , <b>2003</b> , 18, 384-91	5.7	156
421	Similar delivery rates in a selected group of patients, for day 2 and day 5 embryos both cultured in sequential medium: a randomized study. <i>Human Reproduction</i> , <b>2003</b> , 18, 2145-50	5.7	49
420	Potentially Preventable Excess Mortality Among Higher-Order Multiples. <b>2003</b> , 102, 679-684		22
419	Vitrification of zona-free rabbit expanded or hatching blastocysts: a possible model for human blastocysts. <i>Human Reproduction</i> , <b>2003</b> , 18, 2151-6	5.7	21
418	A morphological and chromosomal study of blastocysts developing from morphologically suboptimal human pre-embryos compared with control blastocysts. <i>Human Reproduction</i> , <b>2003</b> , 18, 399-407	5.7	79
417	Pregnancy outcome following transfer of human blastocysts vitrified on electron microscopy grids after induced collapse of the blastocoele. <i>Human Reproduction</i> , <b>2003</b> , 18, 137-9	5.7	173
416	Blastocyst transfer. <b>2003</b> , 46, 231-8		24
415	Blastocyst formation--good indicator of clinical results after ICSI with testicular spermatozoa. <i>Human Reproduction</i> , <b>2003</b> , 18, 1070-6	5.7	9
414	In Vitro Fertilization, Stem Cells, Cloning, and the Future of Assisted Reproductive Technologies. <b>2003</b> , 325-334		
413	Monozygotic twinning associated with day 5 embryo transfer in pregnancies conceived after IVF. <i>Human Reproduction</i> , <b>2004</b> , 19, 1831-6	5.7	67
412	Quintuplet pregnancy following transfer of two blastocysts: Case report. <i>Human Reproduction</i> , <b>2004</b> , 19, 325-7	5.7	20
411	Comparative analysis of pregnancy rates after the transfer of early dividing embryos versus slower dividing embryos. <i>Human Reproduction</i> , <b>2004</b> , 19, 1155-62	5.7	23
410	A prospective, randomized study: day 3 versus hatching blastocyst stage. <i>Human Reproduction</i> , <b>2004</b> , 19, 1598-603	5.7	34

409	Cervical dilatation has a positive impact on the outcome of IVF in randomly assigned cases having two previous difficult embryo transfers. <i>Human Reproduction</i> , <b>2004</b> , 19, 1791-5	5.7	38
408	The embryotrophic activity of oviductal cell-derived complement C3b and iC3b, a novel function of complement protein in reproduction. <b>2004</b> , 279, 12763-8		62
407	Selected single blastocyst transfers maintained pregnancy outcome and eliminated multiple pregnancies. <b>2004</b> , 3, 13-18		7
406	Differential growth, cell proliferation, and apoptosis of mouse embryo in various culture media and in coculture. <b>2004</b> , 68, 72-80		20
405	Improved outcome of frozen-thawed blastocyst transfer with Menezo's two-step thawing compared to the stepwise thawing protocol. <b>2004</b> , 21, 203-10		7
404	Selection of embryos for day-3 transfer at the pronuclear-stage and pronuclear-stage cryopreservation results in high delivery rates in fresh and frozen cycles. <b>2004</b> , 21, 271-8		4
403	Hatching: how to select the clinical indications. <b>2004</b> , 1034, 145-51		4
402	Blastozystenkultur. <b>2004</b> , 37, 696		2
401	Preimplantation genetic diagnosis for beta-thalassaemia: the Sardinian experience. <b>2004</b> , 24, 949-54		20
400	Elective single-embryo transfer versus double-embryo transfer in in vitro fertilization. <b>2004</b> , 351, 2392-402		480
399	Should we advise patients undergoing IVF to start a cycle leading to a day 3 or a day 5 transfer?. <i>Human Reproduction</i> , <b>2004</b> , 19, 2550-4	5.7	69
398	Vitrification versus programmable rate freezing of late stage murine embryos: a randomized comparison prior to application in clinical IVF. <b>2004</b> , 8, 558-68		33
397	Binucleated and micronucleated blastomeres in embryos derived from human assisted reproduction cycles. <b>2004</b> , 9, 511-20		55
396	Pronuclear morphology predicts embryo development and chromosome constitution. <b>2004</b> , 8, 695-700		63
395	Efficacy of blastocyst transfer after implantation failure. <b>2004</b> , 9, 630-6		48
394	State-of-the-art production, conservation and transfer of in-vitro-produced embryos in small ruminants. <b>2004</b> , 16, 437		61
393	Zygote transfer on day 1 versus cleavage stage embryo transfer on day 3: a prospective randomized trial. <i>Human Reproduction</i> , <b>2004</b> , 19, 645-8	5.7	23
392	Embryo transfer is equally effective at cleavage stage and blastocyst stage: a randomized prospective study. <b>2004</b> , 117, 194-200		28

391	Clinical application of vitrification on human blastocysts developed from super numeral embryos in vitro. <b>2004</b> , 1271, 159-162		
390	Randomized study comparing day 2 versus day 3 elective transfer of two good-quality embryos. <b>2004</b> , 3, 99-104		10
389	Comparison of embryo transfer on day 2, day 3, and day 6: a prospective randomized study. <i>Fertility and Sterility</i> , <b>2004</b> , 81, 454-5	4.8	29
388	Single blastocyst transfer: a prospective randomized trial. <i>Fertility and Sterility</i> , <b>2004</b> , 81, 551-5	4.8	360
387	Elective single blastocyst transfer. <i>Fertility and Sterility</i> , <b>2004</b> , 81, 1697-8	4.8	31
386	Monozygotic pregnancies from transfers of zona-free blastocysts. <i>Fertility and Sterility</i> , <b>2004</b> , 82, 483-5	4.8	20
385	Differential growth of human embryos in vitro: role of reactive oxygen species. <i>Fertility and Sterility</i> , <b>2004</b> , 82, 593-600	4.8	159
384	Transfer of blastocysts and morulae on day 5. <i>Fertility and Sterility</i> , <b>2004</b> , 82, 327-33	4.8	27
383	Number of good quality embryos on day 3 is predictive for both pregnancy and implantation rates in in vitro fertilization/intracytoplasmic sperm injection cycles. <i>Fertility and Sterility</i> , <b>2004</b> , 82, 1330-6	4.8	46
382	Blastocyst production and transfer in clinical assisted reproduction. <i>Fertility and Sterility</i> , <b>2004</b> , 82 Suppl 1, S149-50	4.8	5
381	Noninvasive methods to assess embryo quality. <b>2005</b> , 17, 283-8		88
380	Cleavage stage versus blastocyst stage embryo transfer in assisted conception. <i>Cochrane Database of Systematic Reviews</i> , <b>2005</b> , CD002118		36
379	Pregnancy rates after transfer of cryopreserved blastocysts cultured in a sequential media. <b>2005</b> , 192, 2035-9; discussion 2039-40		20
378	Discussion. <b>2005</b> , 192, 2039-2040		2
377	Investigation and current management of recurrent IVF treatment failure in the UK. <b>2005</b> , 112, 773-80		96
376	Elective single embryo transfer: Comparison of blastocyst and cleavage-stage embryo transfer. <b>2005</b> , 4, 197-201		1
375	The impact of pronuclear orientation to select chromosomally normal embryos. <b>2005</b> , 22, 107-14		4
374	Ex vivo early embryo development and effects on gene expression and imprinting. <b>2005</b> , 17, 361-70		116

373	Birth of a healthy infant following trophectoderm biopsy from blastocysts for PGD of beta-thalassaemia major. <i>Human Reproduction</i> , <b>2005</b> , 20, 1855-9	5.7	66
372	One-step versus two-step culture of mouse preimplantation embryos: is there a difference?. <i>Human Reproduction</i> , <b>2005</b> , 20, 3376-84	5.7	68
371	Multiple-birth risk associated with IVF and extended embryo culture: USA, 2001. <i>Human Reproduction</i> , <b>2005</b> , 20, 2215-23	5.7	34
370	Causes and Treatment of Implantation Failure. <b>2005</b> , 44, 26-30		
369	Blastocyst culture after repeated failure of cleavage-stage embryo transfers: a comparison of day 5 and day 6 transfers. <i>Fertility and Sterility</i> , <b>2005</b> , 83, 49-53	4.8	98
368	Live birth of a normal healthy baby after a frozen embryo transfer with blastocysts that were frozen and thawed twice. <i>Fertility and Sterility</i> , <b>2005</b> , 83, 198-200	4.8	26
367	Effectiveness of two-step (consecutive) embryo transfer in patients who have two embryos on day 2: comparison with cleavage-stage embryo transfer. <i>Fertility and Sterility</i> , <b>2005</b> , 83, 721-3	4.8	11
366	Blastocyst formation in in vitro fertilization versus intracytoplasmic sperm injection cycles: influence of the fertilization procedure. <i>Fertility and Sterility</i> , <b>2005</b> , 83, 1397-403	4.8	134
365	Effect of myomectomy on the outcome of assisted reproductive technologies. <i>Fertility and Sterility</i> , <b>2005</b> , 83, 1473-9	4.8	86
364	Perinatal outcome of blastocyst transfer with vitrification using cryoloop: a 4-year follow-up study. <i>Fertility and Sterility</i> , <b>2005</b> , 84, 88-92	4.8	138
363	Elective single blastocyst transfer reduces twin rates without compromising pregnancy rates. <i>Fertility and Sterility</i> , <b>2005</b> , 84, 1613-9	4.8	80
362	Assisted reproductive technologies and multiple gestations. <b>2005</b> , 32, 315-28, v		9
361	Spindle abnormalities in normally developing and arrested human preimplantation embryos in vitro identified by confocal laser scanning microscopy. <i>Human Reproduction</i> , <b>2005</b> , 20, 672-82	5.7	78
360	Fetal reduction in a nontuplet pregnancy: technical and ethical considerations. <b>2005</b> , 120, 227-9		2
359	Predicting embryo quality: mRNA expression and the preimplantation embryo. <b>2005</b> , 11, 340-8		17
358	Cryosystem assessment by glucose uptake of murine blastocysts. <b>2005</b> , 11, 601-7		1
357	Predictive factors for embryo implantation potential. <b>2005</b> , 10, 653-68		76
356	Significance of morphological attributes of the early embryo. <b>2005</b> , 10, 669-81		87



355	Changing genetic world of IVF, stem cells and PGD. A. Early methods in research. <b>2005</b> , 11, 750-60		3
354	Single embryo transfer and IVF/ICSI outcome: a balanced appraisal. <b>2005</b> , 11, 105-21		139
353	Successful pregnancy following blastocyst cryopreservation using super-cooling ultra-rapid vitrification. <i>Human Reproduction</i> , <b>2005</b> , 20, 122-8	5.7	92
352	Artificial shrinkage of blastocoeles using either a micro-needle or a laser pulse prior to the cooling steps of vitrification improves survival rate and pregnancy outcome of vitrified human blastocysts. <i>Human Reproduction</i> , <b>2006</b> , 21, 3246-52	5.7	163
351	Precycle administration of GnRH antagonist and microdose HCG decreases clinical pregnancy rates without affecting embryo quality and blastulation. <b>2006</b> , 13, 465-75		17
350	Chromosome abnormalities and their relationship to morphology and development of human embryos. <b>2006</b> , 12, 234-53		183
349	Relationship between embryo quality and aneuploidies. <b>2006</b> , 12, 77-82		36
348	Developmentally retarded frozen blastocysts can be rescued by synchronizing culture prior to transfer. <b>2006</b> , 12, 622-9		9
347	Can Vero cell co-culture improve in-vitro maturation of bovine oocytes?. <b>2006</b> , 13, 404-11		31
346	Day 2 transfer improves pregnancy outcome in in vitro fertilization cycles with few available embryos. <i>Fertility and Sterility</i> , <b>2006</b> , 86, 44-50	4.8	19
345	Blastocyst culture and transfer in clinical-assisted reproduction. <i>Fertility and Sterility</i> , <b>2006</b> , 86, S89-92	4.8	12
344	Extended embryo culture reduces the implantation rate on day 4 and day 5 when only a maximum of three embryos are cultured beyond the pronuclear stage. <b>2006</b> , 124, 65-9		8
343	Directive clinique en ce qui concerne le nombre d'embryons à transférer à la suite de la fécondation in vitro. <b>2006</b> , 28, 814-831		0
342	Guidelines for the number of embryos to transfer following in vitro fertilization. <b>2006</b> , 28, 799-813		21
341	Choosing between day 3 and day 5 embryo transfers. <b>2006</b> , 49, 85-92		26
340	IVF results: optimize not maximize. <b>2006</b> , 194, 322-31		42
339	Reproduktionsmedizin [Fluch oder Segen? IVF, ICSI, PID & Co.. <b>2006</b> , 36, 226-232		3
338	Endometrial receptivity: clinical assessment in relation to fertility, infertility, and antifertility. <b>2006</b> , 26, 699-746		53

337	Does PGD for aneuploidy screening change the selection of embryos derived from testicular sperm extraction in obstructive and non-obstructive azoospermic men?. <i>Human Reproduction</i> , <b>2006</b> , 21, 2390-5	5.7	19
336	The limited importance of pronuclear scoring of human zygotes. <i>Human Reproduction</i> , <b>2006</b> , 21, 1599-604	4.7	50
335	Reducing the number of embryos transferred in Sweden-impact on delivery and multiple birth rates. <i>Human Reproduction</i> , <b>2007</b> , 22, 2202-7	5.7	111
334	Serum estradiol/progesterone ratio on day of embryo transfer may predict reproductive outcome following controlled ovarian hyperstimulation and in vitro fertilization. <b>2007</b> , 4, 1		13
333	Relationships between timing of syngamy, female age and implantation potential in human in vitro-fertilised oocytes. <b>2007</b> , 19, 482-7		12
332	Successful pregnancy rates achieved with day 4 embryo transfers. <i>Fertility and Sterility</i> , <b>2007</b> , 87, 788-91	4.8	10
331	Risk of monozygotic twinning with blastocyst transfer decreases over time: an 8-year experience. <i>Fertility and Sterility</i> , <b>2007</b> , 87, 1028-32	4.8	69
330	Programmatic implementation of blastocyst transfer in a university-based in vitro fertilization clinic: maximizing pregnancy rates and minimizing triplet rates. <i>Fertility and Sterility</i> , <b>2007</b> , 88, 294-300	4.8	18
329	Stimulation of endometrium embryo transfer (SEET): injection of embryo culture supernatant into the uterine cavity before blastocyst transfer can improve implantation and pregnancy rates. <i>Fertility and Sterility</i> , <b>2007</b> , 88, 1339-43	4.8	27
328	Vitrification in Assisted Reproduction. <b>2007</b> ,		11
327	Cleavage stage versus blastocyst stage embryo transfer in assisted conception. <i>Cochrane Database of Systematic Reviews</i> , <b>2007</b> , CD002118		119
326	Re-cryopreservation by Vitrification of Human Blastocysts Developed from Frozen-Cleaved Embryos: A Report of 15 Cycles. <b>2007</b> , 24, 23-28		7
325	Blastocyst biopsy versus cleavage stage biopsy and blastocyst transfer for preimplantation genetic diagnosis of beta-thalassaemia: a pilot study. <i>Human Reproduction</i> , <b>2007</b> , 22, 1443-9	5.7	127
324	Zona pellucida removal and vitrified blastocyst transfer outcome: a preliminary study. <b>2007</b> , 15, 68-75		20
323	High survival and hatching rates following vitrification of embryos at blastocyst stage: a bovine model study. <b>2007</b> , 14, 464-70		10
322	Recombinant human albumin supports mouse blastocyst development, suppresses apoptosis in blastocysts and improves fetal development. <b>2007</b> , 6, 195-201		3
321	Beneficial effect of long zona dissection on frozen-thawed blastocysts at a young age. <b>2007</b> , 6, 211-218		1
320	PGD for aneuploidy screening: an expensive hoax?. <b>2007</b> , 21, 157-68		12

319	Blastocyst or cleavage-stage embryo transfer?. <b>2007</b> , 21, 21-40	5
318	Preferable correlation to blastocyst development and pregnancy rates with a new embryo grading system specific for day 3 embryos. <b>2007</b> , 24, 23-8	11
317	The incidence of aberrant endometrial alphavbeta(3) vitronectin expression in a high risk infertility population: could prolonged GnRH agonist therapy play a role?. <b>2007</b> , 24, 553-6	26
316	The decrease of serum luteinizing hormone level by a gonadotropin-releasing hormone antagonist following the mild IVF stimulation protocol for IVF and its clinical outcome. <b>2008</b> , 25, 115-8	13
315	Case report: two successful pregnancies following the transfer of re-vitrified human day 7 blastocysts developed from vitrified cleaved embryos. <b>2008</b> , 25, 503-9	7
314	Reducing multiple pregnancy in assisted reproduction technology: towards a policy of single blastocyst transfer in younger women. <b>2008</b> , 115, 1143-50	10
313	Elective cryopreservation of all day 5 blastocysts is more effective than using day 6 blastocysts for improving pregnancy outcome in stimulated cycles. <b>2008</b> , 7, 75-83	2
312	Mild stimulation with clomiphene citrate in combination with recombinant follicle-stimulating hormone and gonadotropin-releasing hormone antagonist and its influence on serum estradiol level and pregnancy rate. <b>2008</b> , 7, 85-89	4
311	Blastocyst culture and transfer: lessons from an unselected, difficult IVF population. <b>2008</b> , 17, 220-8	5
310	Vitrified human day-7 blastocyst transfer: 11 cases. <b>2008</b> , 17, 689-94	16
309	Should the practice of double blastocyst transfer be abandoned? A retrospective analysis. <b>2008</b> , 16, 677-83	1
308	Cycle outcome can be predicted by the growth profile of untransferred cleavage-stage embryos. <b>2008</b> , 16, 124-8	
307	Guidelines for the number of embryos to transfer following in vitro fertilization No. 182, September 2006. <b>2008</b> , 102, 203-16	51
306	Day-3 embryo morphology predicts euploidy among older subjects. <i>Fertility and Sterility</i> , <b>2008</b> , 89, 118-23	27
305	Management of poor responders: can outcomes be improved with a novel gonadotropin-releasing hormone antagonist/letrozole protocol?. <i>Fertility and Sterility</i> , <b>2008</b> , 89, 151-6	4.8 75
304	Serum cetrorelix concentrations do not affect clinical pregnancy outcome in assisted reproduction. <i>Fertility and Sterility</i> , <b>2008</b> , 89, 74-83	4.8 9
303	Vitrification of preimplantation genetically diagnosed human blastocysts and its contribution to the cumulative ongoing pregnancy rate per cycle by using a closed device. <i>Fertility and Sterility</i> , <b>2008</b> , 89, 840-6	4.8 22
302	Role of coculture in human in vitro fertilization: a meta-analysis. <i>Fertility and Sterility</i> , <b>2008</b> , 90, 1069-76	4.8 44

301	Blastocyst culture and transfer in clinical-assisted reproduction. <i>Fertility and Sterility</i> , <b>2008</b> , 90, S174-7	4.8	11
300	[Blastocyst quality criteria]. <b>2008</b> , 37 Suppl 1, S18-21		
299	Evaluating the Quality of Human Embryos with a Measurement of Oxygen Consumption by Scanning Electrochemical Microscopy. <b>2008</b> , 25, 2-7		14
298	Comprehensive molecular cytogenetic analysis of the human blastocyst stage. <i>Human Reproduction</i> , <b>2008</b> , 23, 2596-608	5.7	167
297	Improving pregnancy outcome for IVF patients with preimplantation genetic screening. <b>2008</b> , 3, 635-646		2
296	Physiologische Qualitätsbeurteilung von Embryonen anhand des Aminosäurenprofils. <b>2008</b> , 6, S16-S19		
295	What is the optimum day of transfer for single embryo transfer? Success rates, monozygotic twinning and epigenetic issues. 213-222		
294	Blastocyst Transfer. 531-539		2
293	Defining human embryo phenotypes by cohort-specific prognostic factors. <b>2008</b> , 3, e2562		24
292	Patientselection for single embryo transfer. 67-74		
291	The risk of monozygotic twins after assisted reproductive technology: a systematic review and meta-analysis. <b>2009</b> , 15, 45-55		153
290	LAT-1 expression in pre- and post-implantation embryos and placenta. <b>2009</b> , 30, 270-6		17
289	A theoretical model for single blastocyst transfer. <b>2009</b> , 26, 327-34		9
288	Case report: successful delivery following the transfer of a human re-vitrified day-7 spontaneously hatched blastocyst developed from vitrified cleaved embryos. <b>2009</b> , 26, 405-9		10
287	Top quality embryos at day 2: a prerequisite for single blastocyst transfer? An observational cohort study in women under 36. <b>2009</b> , 26, 443-9		11
286	Vitrification of human embryos subjected to blastomere biopsy for pre-implantation genetic screening produces higher survival and pregnancy rates than slow freezing. <b>2009</b> , 26, 629-35		32
285	Optimizing the number of blastocyst stage embryos to transfer on day 5 or 6 in women 38 years of age and older: a Society for Assisted Reproductive Technology database study. <i>Fertility and Sterility</i> , <b>2009</b> , 91, 157-66	4.8	15
284	Zona-free versus laser zona-assisted hatching blastocyst transfer: a comparison of outcomes. <i>Fertility and Sterility</i> , <b>2009</b> , 91, 1959-62	4.8	14

283	Impact of day 3 or day 5 embryo transfer on pregnancy rates and multiple gestations. <i>Fertility and Sterility</i> , <b>2009</b> , 91, 1717-20	4.8	11
282	Preimplantation aneuploidy testing for infertile patients of advanced maternal age: a randomized prospective trial. <i>Fertility and Sterility</i> , <b>2009</b> , 92, 157-62	4.8	119
281	Conjoined twins in a triplet pregnancy after intracytoplasmic sperm injection and blastocyst transfer: case report and review of the literature. <i>Fertility and Sterility</i> , <b>2009</b> , 91, 933.e9-12	4.8	16
280	Live birth sex ratios are not influenced by blastocyst-stage embryo transfer. <i>Fertility and Sterility</i> , <b>2009</b> , 92, 913-917	4.8	22
279	A new real-time morphology classification for human spermatozoa: a link for fertilization and improved embryo quality. <i>Fertility and Sterility</i> , <b>2009</b> , 92, 1616-25	4.8	108
278	Successful outcome after preimplantation genetic screening and very delayed embryo transfer. <i>Fertility and Sterility</i> , <b>2009</b> , 91, 1602-3	4.8	1
277	Comparison of the offspring sex ratio between fresh and vitrification-thawed blastocyst transfer. <i>Fertility and Sterility</i> , <b>2009</b> , 92, 1764-6	4.8	16
276	Cryopreserved human blastocysts after vitrification result in excellent implantation and clinical pregnancy rates. <i>Fertility and Sterility</i> , <b>2009</b> , 92, 2062-4	4.8	21
275	Culture systems for bovine embryos. <b>2009</b> , 121, 141-149		16
274	Morphological analysis at compacting stage is a valuable prognostic tool for ICSI patients. <b>2009</b> , 18, 61-6		30
273	Single-embryo transfer reduces clinical pregnancy rates and live births in fresh IVF and Intracytoplasmic Sperm Injection (ICSI) cycles: a meta-analysis. <i>Reproductive Biology and Endocrinology</i> , <b>2009</b> , 7, 36	5	45
272	Assisted Reproduction. <b>2009</b> , 725-757		
271	Gamete and Embryo Manipulation. <b>2009</b> , 759-776		
270	Excellent embryo quality obtained from vitrified oocytes. <b>2009</b> , 19, 820-3		29
269	The use of coculture in assisted reproductive technology: does it have any impact?. <b>2009</b> , 21, 253-9		2
268	Single Day 2 embryo versus blastocyst-stage transfer: a prospective study integrating fresh and frozen embryo transfers. <i>Human Reproduction</i> , <b>2009</b> , 24, 1051-8	5.7	42
267	Single Blastocyst Transfer: Contemporary Experience. <b>2010</b> , 6, 219-226		1
266	Blastocyst embryo transfer is the primary determinant for improved outcomes in oocyte donation cycles. <b>2010</b> , 36, 357-63		8

265 Coculture and Assisted Reproduction. 8-17

264 Oocyte retrieval and embryo culture. 157-190

0

263 Laboratory techniques in IVF. 193-210

262 Oviductal secretions: will they be key factors for the future ARTs?. **2010**, 16, 896-906

170

261 Perspectives on emerging biomarkers for non-invasive assessment of embryo viability in assisted reproduction. **2010**, 10, 206-15

20

260 [In favor of blastocyst stage single embryo transfer]. **2010**, 38, 358-60

0

259 Effect of ovarian stimulation with human menopausal gonadotropin and recombinant follicle stimulating hormone on the expression of integrins alpha3, beta1 in the rat endometrium during the implantation period. **2010**, 150, 57-60

8

258 Comparison of pregnancy outcomes in elective single blastocyst transfer versus double blastocyst transfer stratified by age. *Fertility and Sterility*, **2010**, 93, 1837-43

4.8 43

257 Clinical predictors of human blastocyst formation and pregnancy after extended embryo culture and transfer. *Fertility and Sterility*, **2010**, 94, 543-8

4.8 41

256 Does endometrial integrin expression in endometriosis patients predict enhanced in vitro fertilization cycle outcomes after prolonged GnRH agonist therapy?. *Fertility and Sterility*, **2010**, 93, 646-51

4.8 14

255 Reduction in exposure of human embryos outside the incubator enhances embryo quality and blastulation rate. **2010**, 20, 510-5

70

254 DNA methylation and gene expression in IVF. **2010**, 20, 709-10

23

253 Freeze-all: enhanced outcomes with cryopreservation at the blastocyst stage versus pronuclear stage using slow-freeze techniques. **2010**, 21, 411-7

23

252 Monozygotic triplet pregnancies after single blastocyst transfer: two cases and literature review. **2010**, 21, 283-9

11

251 Does early morphology provide additional selection power to blastocyst selection for transfer?. **2010**, 21, 510-9

31

250 Cytogenetic analysis of human blastocysts with the use of FISH, CGH and aCGH: scientific data and technical evaluation. *Human Reproduction*, **2011**, 26, 480-90

5.7 217

249 Outcome of closed blastocyst vitrification in relation to blastocyst quality: evaluation of 759 warming cycles in a single-embryo transfer policy. *Human Reproduction*, **2011**, 26, 527-34

5.7 73

248 Influence of embryo sex on development to the blastocyst stage and euploidy. *Fertility and Sterility*, **2011**, 95, 936-9

4.8 9

247	Administration of a gonadotropin-releasing hormone antagonist during the 3 days before the initiation of the in vitro fertilization/intracytoplasmic sperm injection treatment cycle: impact on ovarian stimulation. A pilot study. <i>Fertility and Sterility</i> , <b>2011</b> , 95, 1714-9.e1-2	4.8	18
246	In vitro fertilization: four decades of reflections and promises. <b>2011</b> , 1810, 843-52		27
245	Twin live births following transfer using eight-cell cleavage stage embryos on Day 4 with developmental arrest. <b>2011</b> , 50, 381-4		0
244	Day of embryo transfer. 139-142		
243	Oocyte and embryo cryopreservation. 313-325		
242	Effect of artificial shrinkage on clinical outcome in fresh blastocyst transfer cycles. <b>2011</b> , 38, 87-92		27
241	Morphometric analyses of embryos. 248-259		
240	Co-Culture Techniques in Assisted Reproduction: History, Advances and the Future. <b>2011</b> , 2, 29-40		
239	Extended culture up to the blastocyst stage: a strategy to avoid multiple pregnancies in assisted reproductive technologies. <b>2011</b> , 44, 195-199		9
238	Trophectoderm morphology: an important parameter for predicting live birth after single blastocyst transfer. <i>Human Reproduction</i> , <b>2011</b> , 26, 3289-96	5.7	170
237	Effect of different sequential and two-step culture systems on the development, quality, and RNA expression profile of bovine blastocysts produced in vitro. <b>2011</b> , 78, 403-14		13
236	Receiver operating characteristic (ROC) analysis of day 5 morphology grading and metabolomic Viability Score on predicting implantation outcome. <b>2011</b> , 28, 137-44		49
235	In vitro and in vivo viability of human blastocysts collapsed by laser pulse or osmotic shock prior to vitrification. <b>2011</b> , 28, 355-61		51
234	A potential use of embryonic stem cell medium for the in vitro culture of preimplantation embryos. <b>2011</b> , 28, 659-68		6
233	Comparison of elective single cleavage-embryo transfer to elective single blastocyst-embryo transfer in human IVF-ET. <b>2011</b> , 38, 53-60		4
232	Transcriptome analysis reveals dialogues between human trophectoderm and endometrial cells during the implantation period. <i>Human Reproduction</i> , <b>2011</b> , 26, 1440-9	5.7	69
231	Blastocyst cryopreservation using solid surface vitrification: A preliminary study. <b>2011</b> , 4, 114-20		3
230	Comparing thaw survival, implantation and live birth rates from cryopreserved zygotes, embryos and blastocysts. <b>2011</b> , 4, 23-8		27

229	IVF twins: buy one get one free?. <b>2012</b> , 38, 252-7		5
228	Repeated implantation failure. <b>2012</b> , 208-224		
227	Time-lapse technology: evaluation of embryo quality and new markers for embryo selection. <b>2012</b> , 7, 175-190		12
226	New perspectives on embryo biopsy: not how, but when and why?. <b>2012</b> , 30, 259-66		31
225	Day 2 transfer in clinical ART. <b>2012</b> , 30, 222-9		
224	Extended embryo culture and an increased risk of preterm delivery. <b>2012</b> , 120, 69-75		79
223	Vitrification of oocytes, embryos and blastocysts. <b>2012</b> , 26, 789-803		22
222	Supernumerary blastocyst cryopreservation: a key prognostic indicator for patients opting for an elective single blastocyst transfer (eSBT). <b>2012</b> , 29, 783-8		4
221	Oestradiol valerate pretreatment in GnRH-antagonist cycles: a randomized controlled trial. <b>2012</b> , 24, 272-80		33
220	IVF versus ICSI for the fertilization of in-vitro matured human oocytes. <b>2012</b> , 25, 603-7		52
219	Cleavage stage versus blastocyst stage embryo transfer in assisted reproductive technology. <i>Cochrane Database of Systematic Reviews</i> , <b>2012</b> , CD002118		124
218	Devenir des grossesses uniques après transfert au stade blastocyste : comparaison avec les transferts précoces. <b>2012</b> , 11, 174-180		1
217	Embryo culture and epigenetics. <b>2012</b> , 912, 399-421		18
216	Selection of high-potential embryos by culture in poly(dimethylsiloxane) microwells and time-lapse imaging. <i>Fertility and Sterility</i> , <b>2012</b> , 97, 332-7	4.8	101
215	Potential of inner cell mass outgrowth and amino acid turnover as markers of quality in the in vitro fertilization laboratory. <i>Fertility and Sterility</i> , <b>2012</b> , 98, 863-9.e1	4.8	11
214	[Single pregnancy outcome after blastocyst transfer: comparison with cleavage stage embryo transfers]. <b>2012</b> , 40, 291-5		8
213	Optimizing Embryo Transfer Outcomes: Determinants for Improved Outcomes Using the Oocyte Donation Model. <b>2012</b> ,		
212	Transfer of blastocysts derived from frozen-thawed cleavage stage embryos improved ongoing pregnancy. <b>2012</b> , 286, 511-6		11



211	Effects of embryo transfer quality on pregnancy and live birth delivery rates. <b>2012</b> , 29, 131-5		20
210	Human Gametes and Preimplantation Embryos. <b>2013</b> ,		5
209	Blastocyst expansion score and trophectoderm morphology strongly predict successful clinical pregnancy and live birth following elective single embryo blastocyst transfer (eSET): a national study. <b>2013</b> , 30, 1577-81		71
208	Blastocyst culture and transfer in clinical-assisted reproduction: a committee opinion. <i>Fertility and Sterility</i> , <b>2013</b> , 99, 667-72	4.8	52
207	Single thawed euploid embryo transfer improves IVF pregnancy, miscarriage, and multiple gestation outcomes and has similar implantation rates as egg donation. <b>2013</b> , 30, 259-64		45
206	Is NMR metabolic profiling of spent embryo culture media useful to assist in vitro human embryo selection?. <b>2013</b> , 26, 193-202		19
205	Blastocyst morphology score as an indicator of embryo competence for women aged younger than 38 years in in vitro fertilization cycles. <b>2013</b> , 52, 374-80		2
204	Number of embryos for transfer following in vitro fertilisation or intra-cytoplasmic sperm injection. <b>2013</b> , CD003416		68
203	Evaluation of embryo transfer time (day 2 vs day 3) after imposed single embryo transfer legislation: when to transfer?. <b>2013</b> , 33, 387-90		8
202	Transfer of spontaneously hatching or hatched blastocyst yields better pregnancy rates than expanded blastocyst transfer. <b>2013</b> , 6, 183-8		15
201	Follicular fluid insulin like growth factor-1 (FF IGF-1) is a biochemical marker of embryo quality and implantation rates in in vitro fertilization cycles. <b>2013</b> , 6, 140-6		16
200	Comparative gene expression profiling in human cumulus cells according to ovarian gonadotropin treatments. <b>2013</b> , 2013, 354582		25
199	Blastocyst Versus Cleavage Stage Embryo Transfer: Maximizing Success Rates. <b>2013</b> , 129-139		1
198	Advantages of the two-step embryo transfer strategy in human IVF/ICSI cycles. <i>Zygote</i> , <b>2013</b> , 21, 77-83	1.6	3
197	Comparison of clinical outcomes following vitrified warmed day 5/6 blastocyst transfers using solid surface methodology with fresh blastocyst transfers. <b>2013</b> , 6, 59-64		17
196	Blastocyst biopsy and vitrification are effective for preimplantation genetic diagnosis of monogenic diseases. <i>Human Reproduction</i> , <b>2013</b> , 28, 1435-44	5.7	48
195	Status of human germ cell differentiation from pluripotent stem cells. <b>2013</b> , 25, 396-404		2
194	Assisted Reproductive Technologies. <b>2013</b> , 307-320		4

193	An overview of temporal trends in multiple births after assisted reproductive technology in the USA. <b>2013</b> , 8, 357-368		
192	Vitrification solution without sucrose for cryopreservation in mouse blastocysts. <b>2014</b> , 41, 115-9		2
191	Periodicity in the levels of serum plasminogen activator inhibitor-1 is a robust prognostic factor for embryo implantation and clinical pregnancy in ongoing IVF cycles. <b>2014</b> , 7, 198-205		1
190	Prevalence, consequence, and significance of reverse cleavage by human embryos viewed with the use of the Embryoscope time-lapse video system. <i>Fertility and Sterility</i> , <b>2014</b> , 102, 1295-1300.e2	4.8	101
189	Assisted Reproduction. <b>2014</b> , 734-773.e12		1
188	Gamete and Embryo Manipulation. <b>2014</b> , 774-790.e9		
187	Oocyte vitrification in the 21st century and post-warming fertility outcomes: a systematic review and meta-analysis. <b>2014</b> , 29, 159-76		71
186	Comparison of the transfer of equal numbers of blastocysts versus cleavage-stage embryos after repeated failure of in vitro fertilization cycles. <b>2014</b> , 31, 269-74		9
185	Effect of A Time-lapse Incubator (EmbryoScope <sup>®</sup> ) on in vitro Culture of Human Embryos. <b>2014</b> , 31, 40-44		6
184	Is it acceptable to destroy or include human embryos before day 5 in research programmes?. <b>2014</b> , 28, 522-9		9
183	Monozygotic twinning after in vitro fertilization/intracytoplasmic sperm injection treatment is not related to advanced maternal age, intracytoplasmic sperm injection, assisted hatching, or blastocyst transfer. <b>2014</b> , 53, 324-9		17
182	Atypical embryo phenotypes identified by time-lapse microscopy: high prevalence and association with embryo development. <i>Fertility and Sterility</i> , <b>2014</b> , 101, 1637-48.e1-5	4.8	107
181	In vitro fertilization in Japan - early days of in vitro fertilization and embryo transfer and future prospects for assisted reproductive technology. <b>2014</b> , 90, 184-201		7
180	Developmental capacity and implantation potential of the embryos with multinucleated blastomeres. <b>2015</b> , 61, 595-600		8
179	The effect of artificial shrinkage and assisted hatching on the development of mouse blastocysts and cell number after vitrification. <b>2015</b> , 42, 94-100		6
178	Euploidy Predictability of Human Blastocyst Inner Cell Mass and Trophectoderm Grading. <b>2015</b> , 3,		4
177	Zygote intrafallopian tube transfer versus intrauterine cleavage or blastocyst stage transfer after intracytoplasmic sperm injection cycles in patients with repeated implantation failure: A prospective follow-up study. <b>2015</b> , 41, 1779-84		5
176	The use of morphokinetics as a predictor of implantation: a multicentric study to define and validate an algorithm for embryo selection. <i>Human Reproduction</i> , <b>2015</b> , 30, 276-83	5.7	129

175	Increased blastomere number in cleavage-stage embryos is associated with higher aneuploidy. <i>Fertility and Sterility</i> , <b>2015</b> , 103, 694-8	4.8	14
174	Soluble ligands and their receptors in human embryo development and implantation. <b>2015</b> , 36, 92-130		74
173	In vitro maturation as an alternative to standard in vitro fertilization for patients diagnosed with polycystic ovaries: a comparative analysis of fresh, frozen and cumulative cycle outcomes. <i>Human Reproduction</i> , <b>2015</b> , 30, 88-96	5.7	123
172	Human embryo cryopreservation-methods, timing, and other considerations for optimizing an embryo cryopreservation program. <b>2015</b> , 33, 128-44		22
171	Reduction of multiple pregnancies in the advanced maternal age population after implementation of an elective single embryo transfer policy coupled with enhanced embryo selection: pre- and post-intervention study. <i>Human Reproduction</i> , <b>2015</b> , 30, 2097-106	5.7	85
170	In vitro maturation is associated with increased early embryo arrest without impairing morphokinetic development of useable embryos progressing to blastocysts. <i>Human Reproduction</i> , <b>2015</b> , 30, 1842-9	5.7	39
169	Is it time for a paradigm shift in understanding embryo selection?. <i>Reproductive Biology and Endocrinology</i> , <b>2015</b> , 13, 3	5	28
168	Morula transfer as alternative to blastocyst transfer or day 3 transfer. <b>2015</b> , 5, 43-46		1
167	A quantitative approach to blastocyst quality evaluation: morphometric analysis and related IVF outcomes. <b>2015</b> , 32, 705-12		20
166	Validation of next-generation sequencing for comprehensive chromosome screening of embryos. <b>2015</b> , 31, 760-9		84
165	Elective Single Embryo Transfer: an update to UK Best Practice Guidelines. <b>2015</b> , 18, 165-83		47
164	Endometrial receptivity evaluation in IVF cycles. <b>2015</b> , 31, 74-78		1
163	Blastocyst-stage versus cleavage-stage embryo transfer in the first frozen cycles of OHSS-risk patients who deferred from fresh embryo transfer. <b>2015</b> , 31, 698-701		2
162	A clinically useful simplified blastocyst grading system. <b>2015</b> , 31, 523-30		20
161	Cell lineage allocation in equine blastocysts produced in vitro under varying glucose concentrations. <b>2015</b> , 150, 31-41		24
160	Ongoing and cumulative pregnancy rate after cleavage-stage versus blastocyst-stage embryo transfer using vitrification for cryopreservation: impact of age on the results. <b>2015</b> , 32, 177-84		44
159	A retrospective study of single frozen-thawed blastocyst transfer. <b>2016</b> , 43, 106-11		6
158	The association between multinucleated blastomeres and poor ovarian response under the Bologna criteria. <b>2016</b> , 33, 885-92		1

157	IVF outcomes in average- and poor-prognosis infertile women according to the number of embryos transferred. <b>2016</b> , 33, 370-5		9
156	Morphological assessment on day 4 and its prognostic power in selecting viable embryos for transfer. <i>Zygote</i> , <b>2016</b> , 24, 477-84	1.6	9
155	Importance of embryo transfer technique in maximizing assisted reproductive outcomes. <i>Fertility and Sterility</i> , <b>2016</b> , 105, 855-60	4.8	35
154	Effects of early cleavage patterns of human embryos on subsequent in vitro development and implantation. <i>Fertility and Sterility</i> , <b>2016</b> , 106, 348-353.e2	4.8	18
153	Perifollicular blood flow and its relationship with endometrial vascularity, follicular fluid EG-VEGF, IGF-1, and inhibin-a levels and IVF outcomes. <b>2016</b> , 33, 1355-1362		16
152	Assessment of human embryo development using morphological criteria in an era of time-lapse, algorithms and 'OMICS': is looking good still important?. <b>2016</b> , 22, 704-718		78
151	Single center validation of routine blastocyst biopsy implementation. <b>2016</b> , 33, 1507-1513		18
150	Grade of the inner cell mass, but not trophectoderm, predicts live birth in fresh blastocyst single transfers. <b>2016</b> , 19, 254-261		34
149	Cleavage stage versus blastocyst stage embryo transfer in assisted reproductive technology. <b>2016</b> , CD002118		176
148	The effect on pregnancy and multiples of transferring 1-3 embryos in women at least 40 years old. <b>2016</b> , 33, 1195-202		6
147	Improved implantation rates of day 3 embryo transfers with the use of an automated time-lapse-enabled test to aid in embryo selection. <i>Fertility and Sterility</i> , <b>2016</b> , 105, 369-75.e6	4.8	66
146	The impact of physiological oxygen during culture, and vitrification for cryopreservation, on the outcome of extended culture in human IVF. <b>2016</b> , 32, 137-41		47
145	Sequential versus Monophasic Media Impact Trial (SuMMIT): a paired randomized controlled trial comparing a sequential media system to a monophasic medium. <i>Fertility and Sterility</i> , <b>2016</b> , 105, 1215-1221	4.8	26
144	The impact of patient preselection on reported IVF outcomes. <b>2016</b> , 33, 455-9		8
143	Quantitative and qualitative changes of mitochondria in human preimplantation embryos. <b>2017</b> , 34, 573-580		51
142	Elective single blastocyst transfer in advanced maternal age. <b>2017</b> , 34, 741-748		18
141	Microfluidic analysis of oocyte and embryo biomechanical properties to improve outcomes in assisted reproductive technologies. <b>2017</b> , 23, 235-247		29
140	Analysis of the morphological dynamics of blastocysts after vitrification/warming: defining new predictive variables of implantation. <i>Fertility and Sterility</i> , <b>2017</b> , 108, 659-666.e4	4.8	18

139	Propensity score-matched study and meta-analysis of cumulative outcomes of day 2/3 versus day 5/6 embryo transfers. <b>2017</b> , 11, 563-569		7
138	Cumulative live birth rate following elective single blastocyst transfer compared with double blastocyst transfer in women aged 40 years and over. <b>2017</b> , 35, 733-738		10
137	Mosaic embryo transfer after oocyte in vitro maturation in combination with non-invasive prenatal testing (NIPT)-first report of a euploid live birth. <b>2017</b> , 34, 1199-1205		5
136	Blastocyst vs cleavage-stage embryo transfer: systematic review and meta-analysis of reproductive outcomes. <b>2017</b> , 49, 583-591		75
135	Revis� das t�cnicas de biologia molecular aplicadas no diagn�stico gen�tico pr�implantacional e uma reflex� �tica. <b>2017</b> , 32, 7-14		
134	Live birth rate following frozen-thawed blastocyst transfer is higher with blastocysts expanded on Day 5 than on Day 6. <i>Human Reproduction</i> , <b>2018</b> , 33, 390-398	5.7	39
133	Blastulation timing is associated with differential mitochondrial content in euploid embryos. <b>2018</b> , 35, 711-720		15
132	Should all embryos be cultured to blastocyst for advanced maternal age women with low ovarian reserve: a single center retrospective study. <b>2018</b> , 34, 761-765		6
131	Blastocyst culture and transfer in clinically assisted reproduction: a committee opinion. <i>Fertility and Sterility</i> , <b>2018</b> , 110, 1246-1252	4.8	28
130	Detection of DNA in Human Blastocyst Cavity Aspirate by Multiplex PCR. <b>2018</b> , 49, 291-296		
129	Pushing the limits of detection: investigation of cell-free DNA for aneuploidy screening in embryos. <i>Fertility and Sterility</i> , <b>2018</b> , 110, 467-475.e2	4.8	46
128	Retrospective study of single vitrified-warmed blastocyst transfer cycles according to the presence of morphokinetic variables. <b>2018</b> , 45, 52-55		2
127	Forty years of IVF. <i>Fertility and Sterility</i> , <b>2018</b> , 110, 185-324.e5	4.8	108
126	Human Embryo Development and Assessment of Viability. <b>2018</b> , 176-185		2
125	Single blastocyst transfer (SET) and pregnancy outcome of day 5 and day 6 human blastocysts vitrified using a closed device. <b>2018</b> , 84, 40-45		15
124	The Development of In-Vitro Fertilization in North America After the Joneses. 75-83		
123	Assisted Reproduction. <b>2019</b> , 779-822.e16		2
122	Gamete and Embryo Manipulation. <b>2019</b> , 823-856.e14		1

121	Increased pregnancy outcome after day 5 versus day 6 transfers of human vitrified-warmed blastocysts. <i>Zygote</i> , <b>2019</b> , 27, 279-284	1.6	15
120	Sequential Media for Human Blastocyst Culture. <b>2019</b> , 157-170		2
119	Feasibility of predicting live birth by combining conventional embryo evaluation with artificial intelligence applied to a blastocyst image in patients classified by age. <b>2019</b> , 18, 344-356		11
118	Journey of Human Gametes In Vitro: 1978 to 2018. <b>2019</b> , 1-6		
117	Developmental potential of surplus morulas with delayed and/or incomplete compaction after freezing-thawing procedures. <i>Reproductive Biology and Endocrinology</i> , <b>2019</b> , 17, 87	5	3
116	In assisted reproduction by IVF or ICSI, the rate at which embryos develop to the blastocyst stage is influenced by the fertilization method used: a split IVF/ICSI study. <b>2019</b> , 36, 647-654		10
115	The effect of short-term disturbance of day 3 embryo culture on the development and implantation. <b>2019</b> , 35, 1-4		1
114	Deep learning as a predictive tool for fetal heart pregnancy following time-lapse incubation and blastocyst transfer. <i>Human Reproduction</i> , <b>2019</b> , 34, 1011-1018	5.7	96
113	GDF8 enhances SOX2 expression and blastocyst total cell number in porcine IVF embryo development. <b>2019</b> , 129, 70-76		6
112	Nuclear sperm quality in total polymorphic teratozoospermia and its impact on intracytoplasmic sperm injection outcome. <b>2019</b> , 51, e13252		4
111	Oocyte Retrieval and Embryo Culture. <b>2019</b> , 213-253		
110	Autologous endometrial cell co-culture improves human embryo development to high-quality blastocysts: a randomized controlled trial. <b>2019</b> , 38, 321-329		5
109	Evolution of embryo selection for IVF from subjective morphology assessment to objective time-lapse algorithms improves chance of live birth. <b>2020</b> , 40, 61-70		12
108	Imprinted X-chromosome inactivation impacts primitive endoderm differentiation in mouse blastocysts. <b>2020</b> , 594, 913-923		
107	The Valuable Reference of Live Birth Rate in the Single Vitrified-Warmed BB/BC/CB Blastocyst Transfer: The Cleavage-Stage Embryo Quality and Embryo Development Speed. <b>2020</b> , 11, 1102		2
106	Assisted hatching of vitrified-warmed blastocysts prior to embryo transfer does not improve pregnancy outcomes. <b>2020</b> , 13, 88		4
105	Trophectoderm biopsy reduces the level of serum human chorionic gonadotropin in early pregnancy. <i>Fertility and Sterility</i> , <b>2020</b> , 114, 801-808	4.8	12
104	LIF in embryo culture medium is a predictive marker for clinical pregnancy following IVF-ET of patients with fallopian tube obstruction. <b>2020</b> , 141, 103164		

103	Number of embryos for transfer following in vitro fertilisation or intra-cytoplasmic sperm injection. <b>2020</b> , 8, CD003416		14
102	Metabolic activity of human blastocysts correlates with their morphokinetics, morphological grade, KIDScore and artificial intelligence ranking. <i>Human Reproduction</i> , <b>2020</b> , 35, 2004-2016	5.7	3
101	Frozen-thawed cleavage stage versus blastocyst stage embryo transfer in high responder patients. <i>Zygote</i> , <b>2020</b> , 28, 511-515	1.6	2
100	A combination of growth factors and cytokines alter preimplantation mouse embryo development, foetal development and gene expression profiles. <b>2020</b> , 26, 953-970		2
99	Alterations in Vaginal Microbiota and Associated Metabolome in Women with Recurrent Implantation Failure. <b>2020</b> , 11,		28
98	Prospective randomized multicentre comparison on sibling oocytes comparing G-Series media system with antioxidants versus standard G-Series media system. <b>2020</b> , 40, 637-644		4
97	Necessity is the mother of invention and the evolutionary force driving the success of in vitro fertilization. <b>2021</b> , 104, 255-273		0
96	Rate of true recurrent implantation failure is low: results of three successive frozen euploid single embryo transfers. <i>Fertility and Sterility</i> , <b>2021</b> , 115, 45-53	4.8	21
95	What Are the Live Birth and Multiple Pregnancy Rates When 1 Versus 2 Low-Quality Blastocysts Are Transferred in a Cryopreserved Cycle? a Retrospective Cohort Study, Stratified for Age, Embryo Quality, and Oocyte Donor Cycles. <b>2021</b> , 28, 1403-1411		
94	Disposition of embryos from women who only produced morphologically poor embryos on day three.. <b>2021</b> ,		0
93	Three-dimensional live imaging of bovine embryos by optical coherence tomography. <b>2021</b> , 67, 149-154		2
92	Screening and identification of endometrial proteins as novel potential biomarkers for repeated implantation failure. <b>2021</b> , 9, e11009		1
91	Relationship between follicular size and developmental capacity of oocytes under controlled ovarian hyperstimulation in assisted reproductive technologies. <b>2021</b> , 20, 299-304		2
90	Three-Dimensional Live Imaging of Bovine Preimplantation Embryos: A New Method for IVF Embryo Evaluation. <b>2021</b> , 8, 639249		1
89	Extended embryo culture is effective for patients of an advanced maternal age. <b>2021</b> , 11, 13499		1
88	A decision tree model for predicting live birth in FMR1 premutation carriers undergoing preimplantation genetic testing for monogenic/single gene defects. <b>2021</b> , 43, 680-686		1
87	How many embryos to transfer?. <b>2021</b> , 381-389		
86	The impact of medical therapies and factors related to treatment procedures in women with rheumatoid arthritis and inflammatory bowel disease receiving assisted reproduction: a nationwide cohort study. <i>Fertility and Sterility</i> , <b>2021</b> , 116, 1492-1500	4.8	0

85	Estimating the causal effect of embryo transfer day on clinical in vitro fertilization outcomes using propensity score matching. <b>2021</b> , 21, 554	0
84	A microenvironment of high lactate and low pH created by the blastocyst promotes endometrial receptivity and implantation. <b>2021</b> ,	2
83	Short Culture: Day 1/Day 2/Day 3 Embryo Culture. <b>2012</b> , 133-140	2
82	Extended Culture in IVF. <b>2012</b> , 141-150	2
81	Endometrial Pinopodes: Relevance for Human Blastocyst Implantation. <b>2001</b> , 227-235	0
80	Blastocyst Development in Culture: The Role of Macromolecules. <b>2001</b> , 105-117	5
79	Selecting the Most Competent Embryo. <b>2009</b> , 143-169	7
78	Human Embryo Morphology and Developmental Capacity. <b>2002</b> , 1-31	4
77	Embryo Quality and Freezing Tolerance: Cryopreservation of Human Embryos. <b>2002</b> , 95-120	1
76	Blastocyst biopsy. 186-192	1
75	Culture and transfer of human blastocysts. <b>1999</b> , 11, 307-11	325
74	Non-inferiority of cleavage-stage versus blastocyst-stage embryo transfer in poor prognosis IVF patients (PRECiSE trial): study protocol for a randomized controlled trial. <b>2020</b> , 17, 16	7
73	Embryonic Modulation of Endometrial Receptivity. <b>2018</b> , 35, 53-59	1
72	Transcriptome analysis during human trophectoderm specification suggests new roles of metabolic and epigenetic genes. <b>2012</b> , 7, e39306	38
71	Time-lapse imaging derived morphokinetic variables reveal association with implantation and live birth following in vitro fertilization: A retrospective study using data from transferred human embryos. <b>2020</b> , 15, e0242377	0
70	Analysis of blastocyst morphology. <b>2007</b> , 79-88	5
69	Development rate, cumulative scoring, and embryonic viability. <b>2007</b> , 101-122	5
68	Vitrification of blastocysts using the Cryoloop technique. <b>2007</b> , 219-238	1



- 67 Factors Influencing the Clinical Efficiency of Oocyte Cryopreservation. **2009**, 209-220 1
- 66 Culture systems for the human embryo. **2012**, 218-239 1
- 65 Single Blastocyst Transfer: The Key to Reduce Multiple Pregnancy Rates Without Compromising the Live Birth Rate. **2017**, 10, 201-207 14
- 64 Age-Related Success with Elective Single versus Double Blastocyst Transfer. **2011**, 2011, 656204 4
- 63 Comparison of the clinical outcomes of day 4 and 5 embryo transfer cycles. **2013**, 40, 122-5 11
- 62 Embryo stage of development is not decisive for reproductive outcomes in frozen-thawed embryo transfer cycles. **2017**, 21, 23-26 7
- 61 INFLUENCE ON THE OUTCOME OF ART PROGRAMS OF FROZEN-THAWED BLASTOCYSTS EXPANDED ON FIVE OR SIX DAY. **2021**, 68-75
- 60 GnRH Antagonist Protocol With Cessation of Cetorelix on Trigger Day Improves Embryological Outcomes for Patients With Sufficient Ovarian Reserve. **2021**, 12, 758896 0
- 59 Assessment of Oocyte and Early Embryo Morphology with Regard to Embryonic Development and the Outcome of Assisted Reproduction. **2000**, 303-320
- 58 Overview of Spermatogenesis and Ejaculation. **2000**, 31-46
- 57 The Niche of the Blastocyst in Human ART. **2001**, 241-245
- 56 Which Patients Should Have Blastocyst Transfer?. **2001**, 167-183
- 55 Culture Systems and Blastocyst Development. **2001**, 118-143
- 54 Predictors of Viability of the Human Blastocyst. **2001**, 155-163
- 53 In Vitro Fertilization in the Office Setting. **2002**, 161-173
- 52 Preimplantation Genetic Diagnosis. **2002**,
- 51 The Biological Basis of Oocyte and Embryo Competence: Morphodynamic Criteria for Embryo Selection in In-Vitro Fertilization. **2004**, 333-376 1
- 50 Blastocyst Transfer Update: Pros and Cons. **2004**, 423-440

- 49 The Use of Oocyte and Embryo Vitrification in Assisted Reproductive Technology. **2009**, 223-238
- 48 Embryo Culture Techniques. **2010**, 613-632
- 47 Journey of Human Gametes In Vitro: 1978-2010. **2012**, 1-5
- 46 Evaluation of embryo quality: Time-lapse imaging to assess embryo morphokinesis. **2012**, 254-265
- 45 Limitations and Benefits of Morphologic Embryo Assessment Strategies: How Far Can Morphological Assessment Go in the Identification of Viable Embryos?. **2013**, 55-64 1
- 44 Journey of Human Gametes In Vitro: 1978-2010. **2013**, 1-9
- 43 Extended Culture in IVF. **2013**, 99-113 1
- 42 Short Culture: Day 1/Day 2/Day 3 Embryo Culture. **2013**, 85-97
- 41 Slow freezing and vitrification. Comparison of the effectiveness. **2015**, 21, 48 2
- 40 Influence of Sperm Morphology on the Outcome of Assisted Reproductive Technique Intracytoplasmic Sperm Injection Cycles: A Retrospective Analysis. **2015**, 6, 122-127 0
- 39 The Path of Embryo Selection for Improving IVF Success Rates. **2016**, 3,
- 38 Fecundaci3 in vitro e inyecci3 intracitopl3mica de un espermatozoide. **2018**, 54, 1-21
- 37 Influence of short-term disturbance of embryo cultivation conditions on the embryo's development and potential for implantation. **2019**, 19, 57
- 36  **2020**, 143-148
- 35 Pr3implantationsdiagnostik. **2005**, 97-120
- 34 Optimisation of the follicular phase in IVF/ICSI. **2012**, 4, 203-12 2
- 33 Successful pregnancy following the transfer of vitrified blastocyst which developed from poor quality embryos on day 3. **2011**, 9, 203-8 1
- 32 Embryotransfer an Tag 2/3 vs. Tag 5/6 und Time-lapse imaging1

31	Do clinical outcomes differ for day-5 versus day-6 single embryo transfers controlled for endometrial factor?. <b>2021</b> ,			0
30	Maternal age and its impact on implantation and clinical pregnancy rates in patients undergoing day 3 versus day 5 embryo transfer in Indian population. <i>Fertility Science and Research</i> , <b>2021</b> , 8, 128		0.1	
29	Morphometric and morphokinetic differences in the sperm- and oocyte-originated pronuclei of male and female human zygotes: a time-lapse study.. <b>2022</b> , 39, 97			0
28	Clinical aspects of preimplantation genetic diagnosis. 151-165			1
27	Effects of oxygen tension and humidity on the preimplantation development of mouse embryos produced by in vitro fertilization: analysis using a non-humidifying incubator with time-lapse cinematography.. <b>2022</b> ,			
26	Trophectoderm Biopsy Differentially Influences the Level of Serum Human Chorionic Gonadotropin With Different Embryonic Trophectoderm Scores in Early Pregnancy From 7847 Single-Blastocyst Transfer Cycles.. <b>2022</b> , 13, 794720			0
25	The Detection of Blastocyst Embryo In Vitro Fertilization (IVF). <b>2022</b> ,			
24	Longitudinal surface measurements of human blastocysts show that the dynamics of blastocoel expansion are associated with fertilization method and ongoing pregnancy.. <i>Reproductive Biology and Endocrinology</i> , <b>2022</b> , 20, 53		5	0
23	Comparison of two culture media on morphokinetics and ploidy status of sibling embryos. <i>Zygote</i> , <b>2021</b> , 1-6		1.6	0
22	Preimplantation genetic diagnosis for infertility (PGS). 203-229			
21	Image_1.jpg. <b>2020</b> ,			
20	Table_1.docx. <b>2020</b> ,			
19	Table_2.docx. <b>2020</b> ,			
18	Table_3.docx. <b>2020</b> ,			
17	Table_4.docx. <b>2020</b> ,			
16	Early Prediction of Blastocyst Development via Time-Lapse Video Analysis. <b>2022</b> ,			
15	Illustrating the past, present and future perspective of Human Embryo Culture Media. <b>2022</b> , 2, 90-107			
14	Cleavage-stage versus blastocyst-stage embryo transfer in assisted reproductive technology.. <i>Cochrane Database of Systematic Reviews</i> , <b>2022</b> , 5, CD002118			1

13	Effects of Melatonin on the Transcriptome of Human Granulosa Cells, Fertilization and Blastocyst Formation. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 6731	6.3	o
12	In vitro fertilization cycle and embryo transfer outcomes in oligo-anovulatory patients with hypothalamic hypogonadism versus polycystic ovary syndrome and compared to normo-ovulatory patients. <i>F&amp;S Reports</i> , <b>2022</b> ,	0.6	
11	Influence of sperm morphology in ICSI cycle outcomes: a retrospective study. <i>Fertility Science and Research</i> , <b>2022</b> , 9, 23	0.1	
10	Gonadotropin receptor polymorphisms (FSHR N680S and LHCGR N312S) are not predictive of clinical outcome and live birth in assisted reproductive technology. <i>Fertility and Sterility</i> , <b>2022</b> ,	4.8	
9	Embryologist agreement when assessing blastocyst implantation probability: is data-driven prediction the solution to embryo assessment subjectivity?.	1	
8	In vitro fertilization outcomes of frozen-thawed embryo transfer are better with hatched blastocysts than with hatching blastocysts.	o	
7	Mitochondrial function of human embryo: Decline in their quality with maternal aging. <b>2022</b> , 21,	o	
6	Making and selecting the best embryo in the laboratory. <b>2022</b> ,	o	
5	The age-related required number of zygotes estimated from prior clinical studies of preimplantation genetic testing for aneuploidy (PGT-A). 1-7	o	
4	Assisted Reproductive Technology without Embryo Discarding or Freezing in Women ≥0 Years: A 5-Year Retrospective Study at a Single Center in Italy. <b>2023</b> , 12, 504	o	
3	IVF/ICSI Outcomes After a Freeze-All Strategy: an Observational Cohort Study.	o	
2	Embryonic arrest: causes and implications. Publish Ahead of Print,	o	
1	Extending the culture of cleavage-stage embryos to the blastocyst stage after warming increases the chance of live birth: does it have a regenerative effect?.	o	