

ASRM 2021 Scientific Congress – POSTERS

Tuesday, October 19, 2021 • 6:30 AM – 7:45 AM

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PST-01 POSTER SESSION: ACCESS TO CARE

- P-1 IMPACT OF STATE IVF INSURANCE MANDATES ON IVF UTILIZATION AND OUTCOMES IN THE UNITED STATES. B. J. Peipert
- P-2 MORE COVERAGE, MORE CARE: INCREASED FERTILITY PRESERVATION VOLUME BEFORE AND AFTER STATEWIDE INSURANCE MANDATES. E. Trawick
- P-3 CROWDFUNDING TO SUPPORT INFERTILITY CARE: IS THIS THE NEW NORM? R. A. Frankel
- P-4 FERTILITY OUTCOMES IN A RESOURCE-LIMITED CLINIC FOR AN UNDERSERVED POPULATION. J. Karten
- P-5 THE RELATIONSHIP BETWEEN IVF CLINIC VOLUME AND SUCCESS RATES IN SART REPORTING CLINICS. E. A. Wilkinson
- P-6 INFERTILITY TREATMENTS IN THE USA: IS THE INSURANCE MANDATES THE ANSWER FOR FERTILITY RATE DECLINE? S. M. Nelson

PST-02 POSTER SESSION: ANDROGEN EXCESS AND PCOS

- P-7 POLYCYSTIC OVARY SYNDROME: IMPACT ON OBSTETRIC AND NEONATAL OUTCOMES. S. L. Robinson
- P-9 THE EFFECT OF BARIATRIC SURGERY ON OBES POLYCYSTIC OVARIAN SYNDROME (PCOS) PATIENTS' OBSTETRICAL AND NEONATAL OUTCOMES: A POPULATION BASED STUDY. M. S. Bazarah
- P-10 EFFECTS OF IN-VITRO FERTILIZATION ON PREGNANCY RISK FACTORS ASSOCIATED WITH POLYCYSTIC OVARY SYNDROME. G. Mills
- P-11 INFERTILITY TREATMENT USING HUMAN MESENCHYMAL STEM CELL DERIVED EXTRACELLULAR VESICLE IN LETROZOLE INDUCED PCOS MOUSE MODEL. H. Park
- P-12 ANTI-MULLERIAN HORMONE (AMH) LEVELS IS EFFECTIVE IN DETECTION AND DIAGNOSIS OF VARIOUS POLYCYSTIC OVARIAN SYNDROME (PCOS) PHENOTYPES. C. N. Cortes
- P-13 ELEVATED SERUM TESTOSTERONE (T) TO ANDROSTENEDIONE (A4) RATIO AS A BIOMARKER OF ALDO-KETO REDUCTASE 1C3 (AKR1C3) ACTIVITY ACCOMPANIES IMPROVED METABOLIC FUNCTION IN NORMAL-WEIGHT POLYCYSTIC OVARY SYNDROME (PCOS) WOMEN. A. Tulberg
- P-14 THE DEGREE OF MENSTRUAL DISTURBANCE IS ASSOCIATED WITH THE SEVERITY OF INSULIN RESISTANCE IN PCOS. X. Zhao
- P-15 EXCESSIVE PREGNANCY WEIGHT GAIN: PCOS IS NOT THE PROBLEM. L. Rafferty
- P-16 IS IT TIME TO UPDATE THE SCREENING RECOMMENDATIONS FOR PATIENTS WITH POLYCYSTIC OVARY SYNDROME? S. B. Kaiser
- P-17 OBSTRUCTIVE SLEEP APNEA RISK IS ASSOCIATED WITH LOWER HEALTH-RELATED QUALITY OF LIFE IN WOMEN WITH POLYCYSTIC OVARY SYNDROME. X. P. Zhou
- P-18 THE ROLE OF ETHNICITY AND POLYCYSTIC OVARY SYNDROME ON PREGNANCY COMPLICATIONS. AN ANALYSIS OF A POPULATION DATABASE. A. Badeghiesh
- P-19 DOES BODY MASS INDEX REALLY IMPACT THE OVARIAN RESPONSE IN FRESH ANTAGONIST CYCLES? A. M. Abdelmagied
- P-20 NEWBORNS OF WOMEN WITH POLYCYSTIC OVARY SYNDROME (PCOS) HAVE HIGHER ANTI-MULLERIAN HORMONE (AMH) LEVELS: A SYSTEMATIC REVIEW AND META-ANALYSIS. S. Zhou
- P-21 UTILITY OF THE INSULIN CURVE IN ADDITION TO OGTT IN DETECTING HYPERINSULINEMIA IN PATIENTS WITH PCOS. E. Kravitz
- P-22 NECK CIRCUMFERENCE IS A GOOD PREDICTOR FOR METABOLIC SYNDROME IN WOMEN WITH POLYCYSTIC OVARY SYNDROME. C. Liu
- P-23 IMPACT OF POLYCYSTIC OVARY SYNDROME ON EARLY PREGNANCY LOSS RATES AMONG WOMEN UNDERGOING INTRAUTERINE INSEMINATION. P. B. Parker
- P-24 NECK CIRCUMFERENCE IS A GOOD PREDICTOR FOR HYPERURICEMIA IN WOMEN WITH POLYCYSTIC OVARY SYNDROME. L. Mu
- P-25 REDUCED OVARIAN RESPONSE TO FOLLICLE STIMULATING HORMONE IN WOMEN WITH POLYCYSTIC OVARY SYNDROME (PCOS) COMPARED TO OVULATORY CONTROLS. T. H. Harrison
- P-26 VALIDATION OF DIAGNOSTIC CRITERIA AND ANDROGEN SUPPLEMENTATION AS TREATMENT IN WOMEN WITH THE HYPOANDROGENIC PCOS-LIKE PHENOTYPE (H-PCOS). N. Gleicher
- P-27 DOES OVARIAN MORPHOLOGY AFFECT THE REPRODUCTIVE OUTCOMES OF IN-VITRO MATURATION CYCLES IN POLYCYSTIC OVARY SYNDROME? S. Tannus
- P-28 PCOS PATIENTS ARE TWICE AS LIKELY TO HAVE A PRE-RECEPTIVE ENDOMETRIAL RECEPTIVITY ASSAY COMPARED TO OTHER DIAGNOSES. A. Bader

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- P-29 PROSPECTIVE COMPARISON BETWEEN TWO COMMERCIAL SINGLE CULTURE MEDIA USING SIBLING DONOR OOCYTES COLLECTED FROM RANDOMIZED OVARIES. C. Miret
- P-30 EFFECT OF MICROINJECTION OF MESSENGER RNA OF PLCZ INTO ZYGOTE IN MOUSE EMBRYO DEVELOPMENT IN VITRO. S. Yoon
- P-31 THE ADDITION OF ANTIOXIDANTS EVERY 12 HOUR TO THE CULTURE MEDIUM SIGNIFICANTLY INCREASES THE RATES OF TOTAL USABLE AND EXPANDED BLASTOCYSTS IN RECIPIENT PATIENTS: A PROSPECTIVE RANDOMIZED CONTROL STUDY OF 553 SIBLING DONOR OOCYTES. I. Maldonado Rosas
- P-32 COMPARISON OF GLOBAL, G-TL, AND NXC MEDIA FOR CONTINUOUS EMBRYO CULTURE IN A TIME-LAPSE INCUBATOR. V. Nanavaty
- P-33 EFFECTS OF RECOMBINANT HUMAN ALBUMIN AS A PROTEIN SOURCE ON MOUSE EMBRYO DEVELOPMENT AND HUMAN BLASTOCYST EXTENDED CULTURE. H. J. Engelhorn
- P-34 THE INTRODUCTION OF A GROUP CULTURE PROTOCOL IN DONOR OOCYTE-RECIPIENT CYCLES DID NOT INCREASE THE TOTAL USEABLE BLASTOCYST RATES: A RETROSPECTIVE STUDY. M. Gallardo
- P-35 CONCO2 RANDOMIZED CONTROLLED TRIAL INTERIM UPDATE: EMBRYO CULTURE IN A CONTINUOUS CARBON DIOXIDE SETTING DOES NOT NEGATIVELY IMPACT BLASTOCYST FORMATION RATES. J. G. Kim
- P-36 IMPROVED QUANTIFICATION OF LOW PEROXIDE VALUE IN HIGHLY REFINED OIL INTENDED FOR USE DURING EMBRYO CULTURE USING A COMMERCIALY AVAILABLE METHOD. E. M. White
- P-37 THE EXPRESSION OF PREGNANCY-ASSOCIATED PLASMA PROTEIN-A (PAPP-A) IN HUMAN BLASTOCOEL FLUID-CONDITIONED MEDIA. S. K. Kavoussi
- P-38 THE TIMING FROM OOCYTE PICK-UP TO DENUDATION MAKES THE DIFFERENCE IN EMBRYO CULTURE OUTCOME. M. Marti-Vilanova
- P-39 A PROSPECTIVE RANDOMIZED CONTROLLED TRIAL (RCT) COMPARING DAY 3 - FRESH EMBRYO TRANSFER CYCLES WITH FREEZE ALL CYCLES IN IVF-ICSI. R. Singh
- P-40 THE EXPRESSION OF ALPHA-FETOPROTEIN IN BLASTOCOEL FLUID-CONDITIONED MEDIA IN VITRO: A PROOF OF CONCEPT STUDY. S. K. Kavoussi
- P-41 THE IMPACT OF USING GPS DISHES FOR OOCYTE PICK UP ON THE IN-VITRO EMBRYOLOGICAL PARAMETERS AND THE PGT-A RESULTS, A RANDOMIZED CONTROLLED TRIAL. A. Elshimy
- P-42 A NOVEL ZONA PELLUCIDA (ZP)-FREE CULTURE SYSTEM FOR SEVERE CYTOPLASMIC FRAGMENTATION CASES: A PILOT STUDY USING 3PN EMBRYOS AND TIME-LAPSE CINEMATOGRAPHY. M. Sugishima
- P-43 DOES CULTURE MEDIA PH VARY IN A DEFINED CARBON DIOXIDE SETTING WITHIN DIFFERENT BENCHTOP INCUBATOR MODELS. R. Ashraf
- P-44 MOST EFFECTIVE INCUBATOR TO IMPROVE BLASTOCYST FORMATION RATE AND IMPLANTATION RATE TIMELAPSE BENCHTOP OR STANDARD BENCHTOP : A CASE REFERENCE STUDY. N. J. Brahmhatt

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- P-45 ANALYSIS OF THE IVF LABORATORY KEY PERFORMANCE INDICATORS (KPIs) IN IVF PATIENTS WITH DIFFERENT OVULATION TRIGGER REGIMENS. S. C. Lee
- P-46 CUMULATIVE CLINICAL PREGNANCY RATES PER OOCYTE RETRIEVAL AFTER IN VITRO FERTILIZATION. T. Tao
- P-47 OUTCOMES OF SINGLE EUPLOID TRANSFERS BASED ON DIFFERENT "CUT-OFF" VALUES FOR PERCENTAGE OF EUPLOID CELLS IN THE BIOPSY SAMPLE, RESULTS FROM A SINGLE CENTER. J. L. Patrick
- P-48 VITRIFICATION DOES NOT INCREASE ANEUPLOIDY OR CHROMOSOME BREAKAGE IN DONOR OOCYTE CYCLES. T. Schlenker
- P-49 RESCUE-IVM AND THE TRANSFER OF A EUPLOID BLASTOCYST PROVIDED IMPROVED ODDS FOR PATIENTS WITH POOR PROGNOSIS TO CONCEIVE. Y. Yuan
- P-50 SECONDARY SEX RATIO IN ASSISTED REPRODUCTIVE TECHNOLOGY PROGRAMS. M. Shishimorova
- P-51 TIME-LAPSE VARIABILITY OF HUMAN EMBRYOS IS ASSOCIATED WITH IVF OUTCOME. D. Cvetkov
- P-52 CLEAVAGE STAGE MORPHOLOGY IS NOT ASSOCIATED WITH THE IMPLANTATION POTENTIAL OF SCREENED BLASTOCYSTS. C. Hernandez-Nieto
- P-53 A SPERM SELECTION TECHNIQUE TO IMPROVE EMBRYO PLOIDY. D. Keating
- P-54 A FALSE START: CAN SINGLE PRONUCLEAR ZYGOTES GET BACK ON TRACK? J. Shaw
- P-55 DAY 6 BLASTOCYST TRANSFER FOR ALL WHEN ICSI IS PLANNED ON TUESDAY : IS IT A SAFE APPROACH? S. Mnallah
- P-56 LASER-ASSISTED HATCHING ON DAY 1 DEMONSTRATES EQUIVALENT EMBRYO YIELD, TIMING OF BLASTOCYST DEVELOPMENT AND EMBRYO EUPLOIDY RATES COMPARED WITH STANDARD DAY 3 ASSISTED HATCHING. E. A. Dilday
- P-57 CLINICAL OUTCOMES OF HUMAN OOCYTE IN VITRO MATURATION (IVM) FOLLOWING DIFFERENT IVM PROTOCOLS. R. Kile
- P-58 ARTIFICIAL OOCYTE ACTIVATION WITH CALCIUM IONOPHORE; IS IT SAFE? I. Chabchoub
- P-59 CORRELATION ANALYSIS OF THE EUPLOID BLASTOCYST FORMATION FREQUENCY AND THE NUMBER OF FRESH DONATED MATURE OOCYTES RETRIEVED PER CYCLE OF ICSI-PGT-A TREATMENT USING CRYOPRESERVED EJACULATED SPERM. Y. Han
- P-60 DOES DURATION OF VITRIFICATION STORAGE AFFECT PREGNANCY OUTCOMES OF FROZEN THAWED EMBRYO TRANSFERS? E. kadour-Peero
- P-61 MEDIUM REFRESH USING SINGLE-STEP CULTURE MEDIUM: COMPARING DAY 3 OR DAY 4. R. Holmes
- P-62 PREDICTIVE CUMULATIVE LIVE-BIRTH RATE BASED ON FACTOR OF SURVIVAL RATE FOR SUBSEQUENT CYCLE IN UNDISTURBED EMBRYO CULTURE IN TIME-LAPSE INCUBATOR, DOES POOLING EFFECT THE LIVE BIRTH RATE IN TIME-LAPSE INCUBATOR? A. Garg
- P-63 ZONA PELLUCIDA DYSMORPHOLOGY IS ASSOCIATED WITH LOWER FERTILIZATION RATES IN ICSI. W. Miyamoto
- P-64 STUDY ON THE RELATIONSHIP BETWEEN THE ANGLE OF MII SPINDLE AND THE DIFFERENCE IN THE SIZE OF 2PN IN HUMAN ZYGOTE USING TIME-LAPSE SYSTEM. S. Kim
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- P-66 FROM OOCYTE DENUDATION TO ICSI: HOW LONG CAN WE WAIT? J. Jaldo-Garcia
- P-67 PRE-VITRIFICATION BLASTOCYST MORPHOMETRY IS A WEAK PREDICTOR OF POST-THAW MORPHOMETRY AND IMPLANTATION POTENTIAL. C. E. Bedient
- P-68 BLASTOCYST FORMATION IS NOT AFFECTED BY FEMALE OBESITY: A MORPHOKINETIC STUDY. P. Brandão

- P-69 NON-INVASIVE QUALITY OF BLASTOCYSTS EVALUATED BASED ON TIMING OF COMPACTION AND FULL BLASTOCYST FORMATION BY TIME-LAPSE MONITORING. Y. Harada
- P-70 INFLUENCE OF TWO COMMERCIAL EMBRYO CULTURE MEDIA ON IN VITRO FERTILIZATION OUTCOMES. G. Merdassi
- P-71 QUALITY OF INNER CELL MASS OF EXPANDED BLASTOCYSTS EFFECTS ART OUTCOME MORE THAN TROPHECTODERM QUALITY. S. Evans
- P-72 THE UTILITY OF TEST-THAW ANALYSIS FOR PATIENTS WITH AZOOSPERMIA UNDERGOING SURGICAL SPERM RETRIEVAL. M. Valovska
- P-73 BLASTOCYST EUPLOIDY RATES ARE NOT AFFECTED BY INTRACYTOPLASMIC SPERM INJECTION (ICSI) VERSUS CONVENTIONAL INSEMINATION. C. Wang
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- P-75 A NOVEL APPROACH TO NATURAL FROZEN EMBRYO TRANSFERS (FET). L. Ursillo
- P-76 NEONATAL FOLLOW-UP OF BABY BORN DERIVED FROM A TWO PRONUCLEI PLUS ONE MICRO PN OOCYTE FOLLOWING INTRACYTOPLASMIC SPERM INJECTION. T. Yoshimura
- P-77 CORRELATION BETWEEN PROPORTION OF OOCYTE MATURATION IN AN IVF CYCLE AND SUBSEQUENT BLASTOCYST EUPLOIDY. H. Siiz
- P-78 PLACENTA PREVIA IN IVF AND UNASSISTED PREGNANCIES – PERINATAL OUTCOMES AND PLACENTAL HISTOLOGY. E. Barber
- P-79 IN VITRO MATURATION, BLASTOCYST DEVELOPMENT AND CLINICAL OUTCOME OF HUMAN METAPHASE-I OOCYTES RETRIEVED FROM STIMULATED ICSI CYCLES. M. W. Lao
- P-80 THE SECRETOME OF THE EUPLOID EMBRYO IMPLANTATION. E. G. Lo Turco
- P-81 TRANSCRIPTIONAL PROFILE OF STRESSED HUMAN EMBRYOS: STUDY OF EARLY-STAGE ARRESTED EMBRYOS. M. Pérez-Sánchez
- P-82 EVALUATION OF CLINICAL AND LABORATORY OUTCOMES BETWEEN TWO EMBRYO INCUBATOR SYSTEMS: CONVENTIONAL TRI-GAS VERSUS TIME-LAPSE. B. Cunegatto
- P-83 LASER-ASSISTED HATCHING ON DAY 1 OF EMBRYO CULTURE DEMONSTRATES EQUIVALENT ONGOING CLINICAL PREGNANCY RATES COMPARED TO EMBRYOS WITH STANDARD DAY 3 ASSISTED HATCHING. E. A. Dilday
- P-84 FIRST ONGOING THIRD TRIMESTER PREGNANCY FROM METAPHASE I (M1) OOCYTE CRYOPRESERVATION (CRYO) - M1 OOCYTE CRYO CAN RESULT IN USEABLE EMBRYOS AND PREGNANCY, BUT LESS FREQUENTLY THAN METAPHASE II (M2) OOCYTE CRYO. S. D. Cascante
- P-85 SINGLE STEP OR SEQUENTIAL MEDIA IN EMBRYO CULTURE: OUTCOME IN DONOR OOCYTE CYCLES. K. D. Nayar
- P-86 EFFECT OF MORPHOLOGICAL ABNORMALITIES OF PROTRUDING AND STRATIFIED ZONA PELLUCIDA ON FERTILIZATION RATE. R. Hirao
- P-87 THE EFFECT OF X-CHROMOSOME COPY NUMBER ON BLASTULATION TIME IN EMBRYOS WITH SEX CHROMOSOME ANEUPLOIDIES. A. Korkidakis
- P-88 A CASE REPORT SUGGESTS THAT NOVEL HETEROZYGOUS MUTATION OF ITGB3 GENE IS RESPONSIBLE TO PARTIAL OOCYTE MATURATION ARREST SYNDROME. E. Molinari
- P-89 ARE THE NUMBER OF BLASTOMERES AT THE CLEAVAGE-STAGE ASSOCIATED WITH ONGOING PREGNANCY FOLLOWING SINGLE BLASTOCYST FROZEN EMBRYO TRANSFERS? A. Domney
- P-90 SPERM MOTILITY CHANGE 18 HOURS POST-INSEMINATION IS NOT A USEFUL MEASURE FOR IN VITRO FERTILIZATION OUTCOME. N. Esfandiari
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- P-94 A GENERALIZABLE MODEL FOR RANKING BLASTOCYST STAGE EMBRYOS USING DEEP LEARNING. K. E. Loewke
- P-95 AN EXPEDITED AND SAFE OOCYTE DENUDATION SYSTEM BASED ON SOUNDWAVES IN A MICROFLUIDIC CHIP. P. Xie
- P-96 CAN COMPUTER VISION ALGORITHMS NONINVASIVELY RECOGNIZE ANEUPLOIDY IN BLASTOCYSTS?: "PUMPING" APPEARS TO BE A STRONG PREDICTIVE FEATURE M. Meseguer
- P-97 QUANTIFICATION OF AN AUTOMATIC ALGORITHM FOR BLASTOCYST SELECTION (KIDScoreTM D5 V3) ON REPRODUCTIVE OUTCOME IN DIFFERENT IN VITRO FERTILIZATION (IVF) TREATMENTS: A STRATIFIED ANALYSIS. L. Bori
- P-98 NOVEL IN-LINE GAS FILTER DEMONSTRATES IMPROVED BLASTOCYST DEVELOPMENT AND EXTENDED SERVICE LIFE - A MULTI-CENTER STUDY. C. A. Alouf
- P-99 IMPROVEMENT OF AN AUTOMATIC PRONUCLEAR NUMBER DETECTION SYSTEM BY INTRODUCTION OF NEW ANALYTICAL METHODS. H. Watanabe
- P-100 ARTIFICIAL INTELLIGENCE IS MOVING CLOSER TO REPRODUCTIVE MEDICINE: PREDICTION OF BLASTULATION AND EMBRYO IMPLANTATION. L. Bori
- P-101 EXPLORING AUTOMATION OF THE EMBRYO EVALUATION PROCESS BY USING NOVEL DEEP LEARNING-BASED METHODS. E. Paya
- P-102 MACHINE LEARNING ALGORITHMS CAN PREDICT FUTURE BLASTOCYST DEVELOPMENT AND BLASTOCYST QUALITY BASED EMBRYOS CHARACTERISTICS ON DAY 1, 2 AND 3 WITH ACCURACY RESPECTFULLY OF 77% AND 69% BASED ON MORPHOLOGIC ASSESSMENT. C. Jacques
- P-103 THE USE OF VOTING ENSEMBLES AND PATIENT CHARACTERISTICS TO IMPROVE THE ACCURACY OF DEEP NEURAL NETWORKS AS A NON-INVASIVE METHOD TO CLASSIFY EMBRYO PLOIDY STATUS. V. S. Jiang
- P-104 NON-APOPTOTIC SPERM SELECTION BY MAGNETIC-ACTIVATED CELL SORTING (MACS) PROVEN SAFE FROM OBSTETRIC AND PERINATAL HEALTH STANDPOINT IN ICSI CYCLES WITH DONATED OOCYTES. M. Gil Julia
- P-105 CULTURE MEDIA: ITS IMPACT ON EMBRYO DEVELOPMENT, ART OUTCOMES, AND THE IMPLEMENTATION OF MACHINE LEARNING (ML) MODELS FOR EMBRYO SELECTION. N. Zaninovic
- P-106 PICTURE PERFECT?: DETERMINING THE CLINICAL UTILIZATION OF ARTIFICIAL INTELLIGENCE IN OOCYTE CRYOPRESERVATION C. Peschansky
- P-107 INVESTIGATION OF THE RELIABILITY OF AUTOMATIC ANNOTATION BY THE GERI TIME LAPSE INCUBATOR. J. Vandame
- P-108 AN ARTIFICIAL INTELLIGENCE PROGRAM REVEALS THAT EUPLOID BLASTOCYSTS EXPAND FASTER THAN MOSAIC ANEUPLOID SUBGROUPS AND MOSAIC DUPLICATIONS/DELETIONS USING A STANDARD ASSAY 10 HOURS AFTER BLASTOCYST FORMATION. R. Ghatnekar
- P-109 DEVELOPMENT OF AN ARTIFICIAL INTELLIGENCE-BASED ASSESSMENT MODEL FOR PREDICTION OF PREGNANCY AND LIVE-BIRTH USING STATIC IMAGES CAPTURED BY OPTICAL LIGHT MICROSCOPY DURING IVF. T. Kohn
- P-110 IDENTIFYING POTENTIAL SOURCES OF BIAS IN DEEP LEARNING MODELS FOR EMBRYO ASSESSMENT. K. E. Loewke
- P-111 EUPLOIDY RATE ACCORDING TO KIDSCORE SOFTWARE (EMBRYOSCOPE PLUS®) EVALUATION TOOL. B. Cunegatto
- P-112 A NEW SIMPLIFIED METHOD FOR SPERM PREPARATION (E.SEP) WITHOUT CENTRIFUGATION: ICSI OUTCOME USING IN VITRO MATURED BOVINE AND HUMAN OOCYTES. P. Patrizio
- P-113 COMPARISON OF ZYMOTM MICROFLUIDIC SPERM SELECTION DEVICE (SSD) TO SIMPLE SWIM-UP (SSU) ON SPERM MOTILITY PARAMETERS AND MORPHOLOGY. S. T. Alexa
- P-114 AN ARTIFICIAL NEURAL NETWORK IS CAPABLE OF ACCURATELY IDENTIFYING BLASTOCYSTS WITHIN THE CULTURE WELL. D. Gilboa
- P-115 ADVANCED MORPHODYNAMICAL ANALYSIS OF EMBRYOS VERSUS AUTOMATIC MORPHOKINETIC ANNOTATIONS FOR OUTCOME PREDICTION; AN ARTIFICIAL NEURAL NETWORK ANALYSIS. E. Paya
- P-116 CYTOPLASMIC MORPHOLOGICAL CHARACTERISTICS AFFECT 2PN DETECTION IN AN AUTOMATIC PRONUCLEAR NUMBER DETECTION SYSTEM USING DEEP LEARNING TECHNOLOGY. F. Kondo
- P-117 MATURITY OF OOCYTE COHORT IMPACTS BLASTOCYST DEVELOPMENT AS CLASSIFIED BY ARTIFICIAL INTELLIGENCE (AI). C. R. Sacha
- P-118 ANALYSIS OF MORPHOKINETICS PARAMETERS TO CORRELATE WITH EUPLOIDY AND CLINICAL PREGNANCY ACCORDING TO MATERNAL AGE SUBGROUPS. C. Jacobs
- P-119 ARTIFICIAL INTELLIGENCE ASSISTANCE FOR THE QUALITY ASSESSMENT OF HUMAN VITRIFICATION, WARMING AND TRANSFERS IN THE IVF LABORATORY. I. Dimitriadis
- P-120 A STUDY ON THE NECESSITY OF TIME LAPSE MONITORING FOR IN VITRO MATURATION IN COMBINED PROCEDURE AT THE TIMING OF OVARIAN TISSUE CRYOPRESERVATION. H. Shirasawa

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- P-122 EMBRYO CELL-FREE DNA HIGHLY REPRESENTS THE CHROMOSOMAL CONSTITUTION OF BOTH THE INNER CELL MASS AND THE TROPHECTODERM OF HUMAN BLASTOCYSTS. L. Navarro-Sánchez
- P-123 OBSTETRIC AND PERINATAL OUTCOMES IN SINGLETON PREGNANCIES RESULTING FROM MEDICATED VERSUS NATURAL CYCLE FROZEN EMBRYO TRANSFER: A SYSTEMATIC REVIEW AND META-ANALYSIS. F. Baird
- P-124 OBSTETRIC AND PERINATAL OUTCOMES OF NATURAL CYCLE VS. ARTIFICIAL CYCLE FROZEN EMBRYO TRANSFERS A. T. Gruber
- P-125 THE IMPACT OF EGG RETRIEVAL ASPIRATION PUMP PRESSURE ON IVF OUTCOMES. R. G. Sprague
- P-126 NATURAL PROLIFERATIVE PHASE FROZEN EMBRYO TRANSFERS (NPP-FET) – A NEW APPROACH THAT FACILITATES SCHEDULING WITHOUT HINDERING PREGNANCY OUTCOMES. C. Godinho
- P-127 VALIDATION OF A NEW, ULTRA-FAST BLASTOCYST WARMING TECHNIQUE REDUCES WARMING TIMES TO 1 MIN AND YIELDS SIMILAR SURVIVAL AND RE-EXPANSION COMPARED TO BLASTOCYSTS WARMED USING A STANDARD METHOD. J. N. Manns
- P-128 DOES EXCESS SPERM CAUSE CONTAMINATION IN PGT-A AFTER CONVENTIONAL INSEMINATION? N. D. Yoder
- P-129 PRONUCLEAR NUMERATION SHOULD NOT BE THE ONLY METHOD TO DETERMINE ABNORMAL FERTILIZATION IN ORDER TO ACCOUNT FOR ALL EUPLOID EMBRYOS. L. Henry
- P-130 DOES UTERINE POSITION AT TIME OF EMBRYO TRANSFER IMPACT PREGNANCY OUTCOMES? H. Pearson
- P-131 MITOCHONDRIAL DNA CONTENT BEFORE VITRIFICATION (Mitoscore™) IS NOT A RELIABLE MARKER OF MITOCHONDRIAL MASS AND ACTIVITY IN THE HUMAN BLASTOCYST: A CONFOCAL AND ELECTRON MICROSCOPY APPROACH. M. Pérez-Sánchez

- P-132 A TECHNIQUE TO ENHANCE THE NUMBER OF EMBRYOS FOR THE DESIRED GENDER. S. Cheung
- P-133 IMPACT OF OIL VISCOSITY ON TEMPERATURE, pH, OSMOLALITY, AND EMBRYO CULTURE. E. Mestres
- P-134 ADDITION OF RAPAMYCIN AND YOUNG GRANULOSA CELLS TO IMPROVE IN VITRO OOCYTE MATURATION AND EUPLOIDY RATES IN OLDER REPRODUCTIVE AGE WOMEN: A PROSPECTIVE RANDOMIZED STUDY. M. Esbert
- P-135 MICROFLUIDIC SPERM SEPARATION DEVICE (MSSD) AND DENSITY GRADIENT CENTRIFUGATION (DGC): COMPARISON OF IMPROVEMENTS OF OUTCOMES USING PAIRED COMPARISONS. H. Lee
- P-136 IMPACT OF SUPEROVULATION AND IN VITRO FERTILIZATION ON LINE 1 COPY NUMBER AND TELOMERE LENGTH IN C57BL/6J MICE BLASTOCYSTS. T. S. Berteli
- P-137 A MACHINE LEARNING ALGORITHM CAN OPTIMIZE THE DAY OF TRIGGER TO IMPROVE IN VITRO FERTILIZATION OUTCOMES. E. Hariton
- P-138 IMPACT OF EMBRYO MANIPULATION TECHNIQUES ON THE INCIDENCE OF MONOZYGOTIC TWINNING IN EGG DONATION CYCLES. L. A. Van Os-Galdos
- P-139 REDUCING IVF CYCLE MONITORING TO MAINTAIN SOCIAL DISTANCING PRACTISES DURING THE COVID-19 PANDEMIC. S. Kanji
- P-140 PROLONGED EXPOSURE OF HUMAN BLASTOCYSTS TO HYALURONAN-ENRICHED TRANSFER MEDIA HAS NO EFFECT ON PERI-IMPLANTATION STAGE EMBRYO DEVELOPMENT DURING IN VITRO CULTURE. D. Logsdon
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