## Preliminary scientific programme

**Day 1**

### 12 September 2020

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<td>07.00 - 08.00</td>
<td>Breakfast session: TBA</td>
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<td>08.15 - 10.15</td>
<td>Seminar #01 - EXPERIMENTAL MODELS</td>
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| 08.35 - 08.50 | VOLUNTARY WHEEL RUNNING REDUCES VESICLE DEVELOPMENT MODULATING IMMUNE PARAMETERS AND MICROBIAL COMPOSITION IN AN ENDOMETRIOSIS ANIMAL MODEL  
Caroline Appleyard (Puerto Rico) |
| 08.50 - 09.05 | THE SCAR CONSTITUENT COLLAGEN I TRIGGERS COORDINATED COLLECTIVE MIGRATION AND INVASION IN A 3D SPHEROID MODEL OF EARLY ENDOMETRIOTIC LESION  
Sebastian Schaefer (Germany) |
| 09.05 - 09.20 | THE CYNOMOLGUS MONKEY MODELS FOR DRUG DISCOVERY IN ENDOMETRIOSIS WITH INFLAMMATION AND FIBROSIS  
Ayako Nishimoto-Kakiuchi (Japan) |
| 09.20 - 09.35 | A RECEPTOR TYROSINE KINASE INHIBITOR AS NOVEL IMMUNOTHERAPY TO INHIBIT MYELOID-DERIVED SUPPRESSOR CELLS FOR TREATMENT OF ENDOMETRIOSIS  
Ying He (China) |
| 09.35 - 09.50 | BONE MARROW DERIVED STEM CELLS (BMDSCS) TRAFFICKING TO THE ENDOMETRIUM, ENDOMETRIOSIS LESIONS AND OTHER ORGANS IN A MOUSE MODEL OF ENDOMETRIOSIS  
Julio Rosa-e-silva (Brazil) |
| 09.50 - 10.15 | SUMMARY and DISCUSSION                                              |
| 08.15 - 10.15 | Seminar #02 - ADENOMYOSIS                                           |
| 08.35 - 08.50 | ESTROGEN DEGRADOES SCRIBBLE IN ENDOMETRIAL EPITHELIAL CELLS THROUGH E3 UBIQUITIN LIGASE HECW1 IN THE DEVELOPMENT OF DIFFUSE ADENOMYOSIS  
Zhixing Jin (China) |
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| 08.50 - 09.05 | BIOLOGICAL DIFFERENCES BETWEEN INTRINSIC AND EXTRINSIC ADENOMYOSIS WITH COEXISTING DEEP INFILTRATING ENDOMETRIOSIS  
Khaleque Khan (Japan) |
| 09.05 - 09.20 | ADENOMYOSIS IN RELATION TO PROGRESSION OF MENSTRUAL BLEEDING, PAIN SEVERITY, AND IMPACT OF THESE SYMPTOMS ON QUALITY OF LIFE: RESULTS FROM A CASE-CONTROL STUDY  
Kristen Upson (United States) |
| 09.35 - 10.15 | SUMMARY and DISCUSSION                                                    |
| 10.15 - 10.45 | REFRESHMENT BREAK                                                         |
| 10.45 - 11.15 | Keynote session #1: GLOBAL COLLABORATION - POWER IN NUMBERS               
Stacey Missmer (United States) |
| 11.15 - 11.45 | Keynote session #2: ARE SURGICAL RCTs FEASIBLE?  
Jason Abbott (Australia) |
| 12.00 - 13.00 | Lunch session: GUERBET                                                   |
| 13.15 - 15.15 | Seminar #03 - PATHOGENESIS and AETIOLOGY                                  |
| 13.35 - 13.50 | THE EFFECTS OF A CD276 NEUTRALIZING ANTIBODY (CD276mab) ON LESION PROGRESSION IN A HETEROLOGOUS MOUSE MODEL OF ENDOMETRIOSIS WITH ADOPTIVE TRANSFER OF HUMAN POLYMORPHONUCLEAR CELLS  
Raul Gomez (Spain) |
| 13.50 - 14.05 | INTERLEUKIN-9 PRODUCED BY HELPER T CELLS INDUCE INFLAMMATORY RESPONSES IN ENDOMETRIOSIS  
Yosuke Tarumi (Japan) |
| 14.05 - 14.20 | PAX8: A HIGHLY SENSITIVE MARKER FOR THE GLANDS IN EXTRAGENITAL ENDOMETRIOSIS |
Tomoko Arakawa (Japan)

14.20 - 14.35  **CSAR1 INHIBITORS ALLEVIATE THE DEVELOPMENT OF ENDOMETRIOSIS BY AFFECTING MACROPHAGE POLARIZATION**  
Xi Chen (China)

14.35 - 14.50  **CHARACTERIZATION OF T-LYMPHOCYTE SUBSETS IN ENDOMETRIOTIC LESIONS - A PILOT STUDY**  
Joost Frieling (Netherlands)

14.50 - 15.15  **SUMMARY and DISCUSSION**

13.15 - 15.15  **Seminar #04 - FERTILITY and FERTILITY PRESERVATION**

13.35 - 13.50  **OUTCOMES OF FERTILITY PRESERVATION IN WOMEN WITH ENDOMETRIOSIS: COMPARISON OF PROGESTIN-PRIMED OVARIAN STIMULATION VERSUS ANTAGONIST PROTOCOLS**  
Sofiane Bendifallah (France)

13.50 - 14.05  **TRANSFERRIN INSUFFICIENT AND IRON OVERLOAD IN FOLLICULAR FLUID CONTRIBUTE TO OOCYTES DYSMATURITY IN INFERTILE WOMEN WITH ENDOMETRIOSIS**  
Zhexin Ni (China)

14.05 - 14.20  **EXCESSIVE OXIDATIVE STRESS IN CUMULUS GRANULOSA CELLS INDUCED CELL SENESCENCE CONTRIBUTES TO ENDOMETRIOSIS-ASSOCIATED INFERTILITY**  
Lin Xiang Lin (China)

14.20 - 14.35  **SURGICAL MANAGEMENT OF DEEP INFILTRATING ENDOMETRIOSIS AND IN VITRO FERTILIZATION OUTCOMES: A SYSTEMATIC REVIEW AND META-ANALYSIS**  
Clara Wu (Canada)

14.35 - 14.50  **OVER EXPRESSION OF LET-7 IN OVARIAN ENDOMETRIOMAS FOLLICULAR FLUID ATTENUATES GRANULOSA CELLS PROLIFERATION AND DIFFERENTIATION**  
Libing Shi (China)

14.50 - 15.15  **SUMMARY and DISCUSSION**

15.15 - 15.45  **REFRESHMENT BREAK**
**Oral Session #01 - ADENOMYOSIS**

15.45 - 15.55  AGE AT MENARCHE AND ADENOMYOSIS RISK: RESULTS FROM AN EPIDEMIOLOGIC POPULATION-BASED CASE-CONTROL STUDY EMPLOYING TWO CONTROL GROUPS
Kristen Upson (United States)

15.55 - 16.05  GENES ENCODING MMPS IN EUTOPIC ENDOMETRIUM AND YWHAG IN THE ENDOMETRIUM-MYOMETRIUM JUNCTION ARE DYSREGULATED IN WOMEN WITH ADENOMYOSIS
Junyu Zhai (United States)

16.05 - 16.15  VALUE OF “ELASTO STRAIN RATIO” ULTRASOUND ELASTOGRAPHY IN THE DIAGNOSIS OF ADENOMYOSIS.
Piotr Szkodziak (Poland)

16.15 - 16.25  THE MICROBIAL COMPOSITIONAL AND SYMBIOTIC STUDY IN LOWER GENITAL TRACT OF ADENOMYOSIS PATIENTS
Sikai Chen (China)

16.25 - 16.35  MUTATIONS IN TSC2 CAUSE ADENOMYOSIS WITH ENDOMETRIAL STROMAL CELLS' INVASIVENESS ENHANCEMENT AND DECIDUALIZATION DEFECT
Ni-Hao Gu (China)

16.35 - 16.45  COMPARING RECURRENCE RATE AND RELATED FACTORS BETWEEN COMBINATION THERAPY AND CONSERVATIVE OPERATION ONLY IN ADENOMYOSIS
Wenwen Wang (China)

16.45 - 16.55  VAGINAL REPAIR OF A CESAREAN SCAR DEFECT IN A SERIES OF 491 WOMEN: A RETROSPECTIVE STUDY
Huihui Chen (China)

16.55 - 17.15  SUMMARY and DISCUSSION

**Oral Session #02 - DIAGNOSTICS**

15.45 - 15.55  DEVELOPMENT OF WEB-BASED SCREENING FOR MENSTRUAL DISTURBANCE IN TEENAGERS USING THE PERIOD IMPACT AND PAIN ASSESSMENT (PIPPA) TOOL
Melissa Parker (Australia)

15.55 - 16.05  ARTIFICIAL INTELLIGENCE FOR SLIDING SIGN DETECTION TO DIAGNOSE ENDOMETRIOSIS
Gabriel Maicas (Australia)
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<td>16.05 - 16.15</td>
<td>PLASMA PROTEOMIC PROFILES ASSOCIATED WITH ENDOMETRIOSIS IN ADOLESCENTS</td>
<td>Naoko Sasamoto (United States)</td>
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<td>16.15 - 16.25</td>
<td>CAN WE DIAGNOSE ENDOMETRIOSIS FROM HYSTEROSCOPY?</td>
<td>Lakshmi Ravikanti (New Zealand)</td>
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<td>16.25 - 16.35</td>
<td>SELECTION OF INTERVENTIONS FOR REDUCING DIAGNOSTIC DELAY IN ENDOMETRIOSIS BY AN EXPERT PANEL OF PATIENTS AND PROFESSIONALS</td>
<td>Moniek Van Der Zanden (Netherlands)</td>
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<td>16.35 - 16.45</td>
<td>DEEP ENDOMETRIOSIS OF THE BOWEL: THE CORRELATION BETWEEN MAGNETIC RESONANCE IMAGING AND HISTOPATHOLOGY</td>
<td>Elvira Zwart (Netherlands)</td>
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<td>16.45 - 16.55</td>
<td>TSPO IS A NOVEL MOLECULAR TARGET FOR NONINVASIVE DETECTION OF SUPERFICIAL PERITONEAL ENDOMETRIOSIS</td>
<td>Fernando Reis (Brazil)</td>
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<td>15.45 - 15.55</td>
<td>THE LAUNCH OF A NEW ONLINE RESOURCE FOR PEOPLE WITH ENDOMETRIOSIS AND PAINFUL SEX</td>
<td>Paul Yong (Canada)</td>
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<td>15.55 - 16.05</td>
<td>APP WARS: A SYSTEMATIC REVIEW AND META-SYNTHESIS OF MOBILE DEVICE ENDOMETRIOSIS APPLICATIONS</td>
<td>Samantha Costa (Australia)</td>
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<td>16.05 - 16.15</td>
<td>ENDONEEDS ACROSS BORDERS – COMMON PHYSICAL, PSYCHOLOGICAL AND SOCIAL NEEDS OF WOMEN WITH ENDOMETRIOSIS</td>
<td>Emma Steele (Australia)</td>
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<td>16.15 - 16.25</td>
<td>'THERE'S SOMETHING IN THE WATER IN CHRISTCHURCH, NEW ZEALAND'</td>
<td>Deborah Bush (New Zealand)</td>
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<td>16.25 - 16.35</td>
<td>DECISION-MAKING IN DEEP ENDOMETRIOSIS TREATMENT OPTIONS: A QUALITATIVE STUDY AMONG PATIENTS</td>
<td>Jacques Maas (Netherlands)</td>
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<td>16.35</td>
<td>MINDFULNESS-BASED PSYCHOLOGICAL INTERVENTION FOR WOMEN WITH ENDOMETRIOSIS-RELATED CHRONIC PELVIC PAIN – RESULTS OF A RANDOMIZED PLACEBO-CONTROLLED TRIAL.</td>
<td>Karina Ejgaard Hansen (Denmark)</td>
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<td>16.45</td>
<td>STRENGTHS AND WEAKNESSES IN THE DIAGNOSTIC PROCESS OF ENDOMETRIOSIS FROM THE PATIENTS’ PERSPECTIVE</td>
<td>Moniek Van Der Zanden (Netherlands)</td>
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<td>15.45</td>
<td>TEACHING ENDOMETRIOSIS SURGERY USING PATIENT'S LANGUAGE</td>
<td>Michel Canis (France)</td>
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<td>15.55</td>
<td>SUCCESSFUL TWIN PREGNANCY IN A PATIENT WITH HEMI-UTERUS CORRECTED BY LAPAROSCOPIC STRASSMAN'S METROPLASTY</td>
<td>Xiaofang Yi (China)</td>
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<td>16.05</td>
<td>LAPAROSCOPIC URETEROLYSIS FOR DEEP DIE OF THE HYDRO-URETERONEPHROSIS AND IMPERED RENAL FUNCTION DEMONSTRATION OF THREE CASES AND SUMMARY OF SURGICAL OPTIONS</td>
<td>David Soriano (Israel)</td>
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<td>16.15</td>
<td>LAPAROSCOPIC COLORECTAL RESECTION IN DEEP NDOMETRIOSIS INFILTRATING INTESTINES</td>
<td>Yun Chen (China)</td>
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<td>16.25</td>
<td>SUCCESSFUL THREE-DIMENSIONAL LAPAROSCOPIC LEFT OOPHORECTOMY WITH EXTENSIVE ENTEROLYSIS</td>
<td>Yun Chen (China)</td>
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<td>16.35</td>
<td>LAPAROSCOPIC RESECTION OF THE HUGE INTESTINES ENDOMETRIOSIS LESIONS, WITHOUT FULL LAYER INVOLVEMENT</td>
<td>Yun Chen (China)</td>
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WCE2020 Preliminary Scientific Programme: 20 February 2020
Day 2  13 September 2020

07.00 - 08.00  Breakfast session: MERCK

08.15 - 10.15  Seminar #05 - EPIDEMIOLOGY AND RISK FACTORS

08.35 - 08.50  INCIDENCE OF CLEAR CELL CANCER IN SITES OTHER THAN OVARY IN WOMEN WITH SURGICALLY DIAGNOSED ENDOMETRIOSIS – A NATIONWIDE REGISTER-BASED STUDY
Liisu Saavalainen (Finland)

08.50 - 09.05  ENDOMETRIOSIS IN TRANSGENDER ADOLESCENTS
Jessica Shim (United States)

09.05 - 09.20  ENDOMETRIOSIS DIAGNOSTICS PROGRESSION IN FINLAND AMONG WOMEN BORN IN 1966 AND IN 1986: A LONGITUDINAL BIRTH COHORT STUDY
Roosa Manninen (Finland)

09.20 - 09.35  UNRAVELLING THE ASSOCIATION BETWEEN ENDOMETRIOSIS AND IMMUNOLOGICAL DISEASES: A LARGE-SCALE POPULATION-BASED STUDY
Nina Shigesi (United Kingdom)

09.35 - 09.50  OVARIAN CANCER SURVIVAL IN WOMEN WITH ENDOMETRIOSIS. A RETROSPECTIVE NATIONWIDE COHORT STUDY OF 35,530 WOMEN.
Marjolein Hermens (Netherlands)

09.50 - 10.15  SUMMARY and DISCUSSION

08.15 - 10.15  Seminar #06 - SURGICAL APPROACHES

08.35 - 08.50  SYSTEMATIC NERVE SPARING DURING SURGERY FOR DEEP INFILTRATION POSTERIOR ENDOMETRIOSIS IMPROVES IMMEDIATE POSTOPERATIVE URINARY OUTCOMES
Michelle Soares (Belgium)

08.50 - 09.05  “NERVE-SPARING” DIE SURGERY: A MISSION NOT ALWAYS POSSIBLE
Chung-hsien Sun (Taiwan)

09.05 - 09.20  A NOVEL METHOD OF LAPAROSCOPIC BOWEL RESECTION FOR COLORECTAL ENDOMETRIOSIS
09.20 - 09.35  OUTCOMES FOLLOWING DISC RESECTION FOR DEEP INFILTRATING ENDOMETRIOSIS
Vanessa Lusink (Australia)

09.35 - 09.50  NOMOGRAM PREDICTING THE LIKELIHOOD OF COMPLICATIONS AFTER SURGERY FOR DEEP ENDOMETRIOSIS WITHOUT BOWEL INVOLVEMENT
Sofiane Bendifallah (France)

09.50 - 10.15  SUMMARY and DISCUSSION

10.15 - 10.45  REFRESHMENT BREAK

12.00 - 13.00  Lunch session: TBD

13.15 - 15.15  Seminar #07 - MOLECULAR TARGETS for DIAGNOSTICS

13.35 - 13.50  THE EFFECTS OF CD137 ACTIVATING ANTIBODY (URELUMAB) ON LESION THE PROGRESSION IN A HETEROLOGOUS MOUSE MODEL OF ENDOMETRIOSIS WITH ADOPTIVE TRANSFER OF HUMAN POLYMORPHONUCLEAR CELLS
Raul Gomez (Spain)

13.50 - 14.05  ROLE OF HEME IN ENDOMETRIOSIS VIA EFFECTS ON ENDOMETRIAL STROMAL CELL PROLIFERATION AND MACROPHAGE TOLERANCE
Yuyin Liu (China)

14.05 - 14.20  HEPcidin as a key regulator of iron metabolism triggers inflammatory features of normal endometrium
Hisashi Kataoka (Japan)

14.20 - 14.35  INTERFERON EPSILON, A NOVEL REPRODUCTIVE TRACT REGULATES ENDOMETRIOSIS LESION ESTABLISHMENT AND PROGRESSION IN A PRE-CLINICAL MOUSE MODEL
Fiona Cousins (Australia)

14.35 - 14.50  ABNORMAL EXPRESSION OF LNCRNA BANCR IN THE EUTOPIC ENDOMETRIUM OF ENDOMETRIOSIS INDUCES ENDOMETRIOSIS-ASSOCIATED OVARIAN CANCER BY UP-REGULATING FAK
jing liu (China)
14.50 - 15.15  SUMMARY and DISCUSSION

13.15 - 15.15  Seminar #08 - PAIN and PAIN MECHANISMS

13.35 - 13.50  NEUROIMAGING REVEALS THAT IN ENDOMETRIOSIS, NEUROPATHIC PAIN IS ASSOCIATED WITH PROVOKED BRAINSTEM ACTIVITY IN AN AREA WITH NO RESTING CONNECTIVITY
Lydia Coxon (United Kingdom)

13.50 - 14.05  METABOLOMIC PROFILES OF POST-SURGICAL PAIN IN ADOLESCENTS AND YOUNG WOMEN WITH ENDOMETRIOSIS
Kathryn Terry (United States)

14.05 - 14.20  A NOVEL APPROACH TO REDUCE PAIN ARISING FROM THE FEMALE REPRODUCTIVE TRACT
Joel Castro (Australia)

14.20 - 14.35  GAPPP2: A MULTICENTRE RANDOMISED CONTROLLED TRIAL OF THE EFFICACY OF GABAPENTIN FOR THE MANAGEMENT OF CHRONIC PELVIC PAIN IN WOMEN
Andrew Horne (United Kingdom)

14.35 - 14.50  THE RELATIONSHIP BETWEEN SERUM ANDROGENS, DAYS PER MONTH OF PELVIC PAIN, AND TOLL-LIKE RECEPTOR 4 RESPONSIVENESS OF PERIPHERAL BLOOD MONONUCLEAR CELLS IN WOMEN WITH DYSMENORRHOEA
Susan Evans (Australia)

14.50 - 15.15  SUMMARY and DISCUSSION

15.15 - 15.45  REFRESHMENT BREAK

15.45 - 17.15  Oral Session #04 - MOLECULAR TARGETS FOR DIAGNOSIS AND THERAPY

15.45 - 15.55  DEVELOPMENT OF 64CU-LABELED 9-MER PEPTIDE Z13 PEPTIDE FOR NON-INVASIVE POSITRON EMISSION TOMOGRAPHY (PET) IMAGING OF ENDOMETRIOSIS
Amartuvshin Tumenjargal (Japan)

15.55 - 16.05  MENSTRUAL FLUID CELLULAR AND PROTEIN CONTENT – A POTENTIAL MINIMALLY INVASIVE SCREENING TOOL FOR ADENOMYOSIS AND ENDOMETRIOSIS
Caitlin Filby (Australia)

16.05 - 16.15  NCOA4 PROTECTS THE ECTOPIC ENDOMETRIUM FROM FERROPTOSIS BY REGULATING IRON METABOLISM
Yukai Liu (China)

16.15 - 16.25  EXOSOMAL VEGF-C REGULATES LYMPHANGIOGENESIS AND INFLAMMATION IN ENDOMETRIOSIS
Sean Tsai (Taiwan)

16.25 - 16.35  A POTENTIAL ROLE FOR RANK (RECEPTOR ACTIVATOR OF NUCLEAR FACTOR KAPPA-BETA) IN THE PROGRESSION OF ENDOMETRIOSIS AND SUBSEQUENT TRANSFORMATION TO OVARIAN ENDOMETROID CANCER
Raul Gomez (Spain)

16.35 - 16.45  MARKERS OF LOCAL AND SYSTEMIC ESTROGEN METABOLISM IN ENDOMETRIOSIS
Essam Othman (Egypt)

16.45 - 16.55  MACROPHAGES ALTERNATIVELY ACTIVATED BY ENDOMETRIOSIS-EXOSOMES CONTRIBUTE TO THE DEVELOPMENT OF LESIONS IN MICE
Huihui Sun (China)

16.55 - 17.15  SUMMARY and DISCUSSION

15.45 - 17.15  Oral Session #05 - EPIDEMIOLOGY AND RISK FACTORS

15.45 - 15.55  USING CLINICAL PHENOTYPES TO PREDICT THE LIKELIHOOD OF ENDOMETRIOSIS RECURRENCE
Sarah Holdsworth-Carson (Australia)

15.55 - 16.05  RECURRENCE AFTER SURGERY FOR COLORECTAL ENDOMETRIOSIS: SYSTEMATIC REVIEW AND META-ANALYSIS
Sofiane Bendifallah (France)

16.05 - 16.15  FACTORS INFLUENCING NEONATAL UTERINE BLEEDING AND HORMONAL REACTION TO NEONATAL ENDOMETRIA DERIVED FROM AUTOPSY CASES
Kanae Ogawa (Japan)

16.15 - 16.25  RECURRENCE OF OVARIAN ENDOMETRIOMA IN ADOLESCENTS AFTER SURGERY
Bo Yin (China)

16.25 - 16.35  MONITORING ENDOMETRIOSIS IN FRANCE TO FIND OUT ENVIRONMENTAL CLUES: A FEASIBILITY STUDY
Michel Canis (France)
16.35 - 16.45  ASSESSMENT OF THE PATIENT PROFILE OF HISPANIC/LATINO WOMEN WITH ENDOMETRIOSIS USING THE ENDOMETRIOSIS PHENOME PROJECT (EPHECT) QUESTIONNAIRE I: DEMOGRAPHIC AND LIFESTYLE ASPECTS
Idhaliz Flores (Puerto Rico)

16.45 - 16.55  NATURAL PROGRESSION OF DEEP INFILTRATING RECTOSIGMOID ENDOMETRIOTIC NODULES
Horace Roman (France)

16.55 - 17.15  SUMMARY and DISCUSSION

15.45 - 17.15  Oral Session #06 - PATIENT CENTRED OUTCOMES

15.45 - 15.55  IMPACT OF HOSPITAL AND SURGEON CASE VOLUME ON MORBIDITY IN COLORECTAL ENDOMETRIOSIS MANAGEMENT: A PLEA TO DEFINE CRITERIA FOR EXPERT CENTERS
Sofiane Bendifallah (France)

15.55 - 16.05  ANALYSIS OF PREDICTIVE FACTORS FOR RECURRENCE OF DEEP INFILTRATING ENDOMETRIOSIS – A 2-YEAR PROSPECTIVE STUDY
Yunxi Zheng (China)

16.05 - 16.15  DATA FROM A COHORT OF NEWLY DIAGNOSED WITH ENDOMETRIOSIS DO NOT DEMONSTRATE THAT ENDOMETRIOSIS IS ALWAYS A PROGRESSIVE DISEASE
Michel Canis (France)

16.15 - 16.25  PSYCHOSOCIAL IMPACT AND RECOVERY AFTER A SPONTANEOUS HAEMOPERITONEUM IN PREGNANCY (SHiP) IN WOMEN WITH ENDOMETRIOSIS
Anneke Schreurs (Netherlands)

16.25 - 16.35  NUTRITIONAL THERAPY: FUNCTIONAL MEDICINE, INVESTIGATES THE EFFECTS OF GLUTEN IN PERPETUATING PAIN, INFLAMMATION AND SUB-FERTILITY IN WOMEN WITH DIAGNOSED ENDOMETRIOSIS. DEFENCE MAY COME FROM FOODSTUFFS.
Dian Shepperson (United Kingdom)

16.35 - 16.45  FUNCTIONAL OUTCOMES AFTER DISC EXCISION OF DEEP ENDOMETRIOSIS INVOLVING LOW AND MILD RECTUM : A SERIES OF 80 PATIENTS
Horace Roman (France)

16.45 - 16.55  SOCIAL, HISTORICAL, AND CULTURAL FACTORS CONTRIBUTING TO LONG TIMES TO DIAGNOSIS IN ADOLESCENT ENDOMETRIOSIS
Veronique Griffith (United Kingdom)
16.55 - 17.15  SUMMARY and DISCUSSION

15.45 - 17.15  Video Session #2 SURGICAL

15.45 - 15.55  MANAGEMENT OF DEEP ENDOMETRIOSIS WITH SCIATIC NERVE INVOLVEMENT
Horace Roman (France)

15.55 - 16.05  TBA

16.05 - 16.15  CONSERVATIVE MANAGEMENT USING THE TRIPLE APPROACH AND THE ROUEN
TECHNIQUE IN LARGE DEEP RECTOVAGINAL ENDOMETRIOSIS INVOLVING SACRAL
ROOTS
Horace Roman (France)

16.15 - 16.25  TREATMENT OF ADENOMYOSIS BY HYSTEROSCOPE
Jian Zhang (China)

16.25 - 16.35  PARTIAL BLADDER CYSTECTOMY DUE TO FULL WALL THICKNESS ENDOMETRIOSIS –
DEMONSTRATION OF TWO CASES: SOLITARY BLADDER NODULE AND MULTIFOCAL
NODULES
David Soriano (Israel)

16.35 - 16:45  TBA

16.45 - 16.55  MANAGEMENT OF LARGE RECTAL ENDOMETRIOTIC NODULES BY DOUBLE DISC
EXCISION USING TRANSANAL CIRCULAR STAPLER
Horace Roman (France)

16.55 - 17.15  SUMMARY and DISCUSSION

17.15 - 18.30  POSTER SESSION WITH REFRESHMENTS
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<td>Seminar #09 - GENETICS, EPIGENETICS, TRANSCRIPTNOMICS</td>
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<td>SINGLE CELL GENE EXPRESSION ANALYSIS REVEALS ENDOMETRIAL STROMAL CELLS</td>
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<td>HARBOUR SUBSETS WITH GENE EXPRESSION SIGNATURES INDICATIVE OF</td>
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<td>PRECURSOR ENDOMETRIAL MESENCHYMAL STEM CELLS</td>
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<td>Brett Mckinnon (Australia)</td>
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<td>EXOSOMAL LONG NONCODING RNA-TC0101441 FACILITATES ENDOMETRIOSIS</td>
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<td>INVASION AND IS ASSOCIATED WITH ENDOMETRIOSIS RECURRENCE</td>
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<td>Jun Jun Qiu (China)</td>
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<td>ONE CELL AT A TIME: ENDOMETRIOSIS AND ITS MICROENVIRONMENT</td>
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<td>Elise Courtois (United States)</td>
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<td>CANNABINOID TREATMENT IS EFFECTIVE IN IN-VITRO MODELS OF ENDOMETRIOSIS</td>
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<td>DOUBLE-MASKED, PLACEBO-CONTROLLED TRIAL OF BOTULINUM TOXIN FOR</td>
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<td>ENDOMETRIOSIS-ASSOCIATED CHRONIC PELVIC PAIN: 1-MONTH DATA</td>
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<td>Pamela Stratton (United States)</td>
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09.20 - 09.35  ELAGOLIX 300 MG BID PLUS STANDARD DOSE HORMONAL ADD-BACK CONSISTENTLY INHIBITS OVULATION IN HEALTHY PREMENOPAUSAL WOMEN
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09.35 - 09.50  DRUG TARGETS OF GREEN TEA CATECHINS EGCG AND PRO-DRUG OF EGCG (PRO-EGCG) AS NOVEL TREATMENT FOR ENDOMETRIOSIS DISCOVERED BY CHEMICAL PROTEOMICS
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10.15 - 10.45  REFRESHMENT BREAK

10.45 - 11.45  Oral Session #07 - MICROBIOTA

10.45 - 10.55  A GUT MICROBIOTA-DERIVED METABOLITE PROTECTS AGAINST ENDOMETRIOSIS
Ramakrishna Kommagani (United States)

10.55 - 11.05  LEVOFLOXACIN TREATMENT WITH AND WITHOUT GNRHA DECREASES INTRAUTERINE MICROBIAL COLONIZATION, TISSUE INFLAMMATORY REACTION AND ENDOMETRIAL CELL GROWTH IN WOMEN WITH ENDOMETRIOSIS
Khaleque Khan (Japan)

11.05 - 11.15  THE STUDY OF ENDOMETRIOSIS AND ADENOMYOSIS RELATED MICROBIOTA IN FEMALE LOWER GENITAL TRACT IN NORTHERN CHINESE POPULATION
Sikai Chen (China)

11.15 - 11.25  TBA

11.25 - 11.35  THE ROLE OF VAGINAL MICROBIOME IN DISTINGUISHING FEMALE CHRONIC PELVIC PAIN DUE TO ENDOMETRIOSIS/ADENOMYOSIS
Xiaopei Chao (China)

11.35 - 11.45  SUMMARY and DISCUSSION

10.45 - 11.45  Oral Session #08 - EXPERIMENTAL MODELS

10.45 - 10.55  BIOLUMINESCENT IMAGING, HISTOLOGY AND GNRH ANTAGONIST TREATMENT OF FOUR DIFFERENT MOUSE MODELS OF INDUCED ENDOMETRIOSIS REVEALS MODEL-DEPENDENT DIFFERENCES IN THE NATURAL HISTORY OF THE LESION.
Erin Greaves (United Kingdom)
10.55 - 11.05  A NON-SURGICAL MURINE MODEL OF ENDOMETRIOSIS-ASSOCIATED PAIN: VALIDATION WITH EXISTING DRUGS
Michael Rogers (United States)

11.05 - 11.15  ENVIRONMENTAL TOXICANTS AFFECT DIFFERENT PHASES OF ENDOMETRIOSIS DISEASE
Katherine Burns (United States)

11.15 - 11.25  TMP INHIBITS THE DEVELOPMENT OF ENDOMETRIOSIS AND FIBROSIS
Huang Shenghui (China)

11.25 - 11.35  ENDOMETRIOTIC CELL CULTURE CONTAMINATION AND AUTHENTICITY: HOW AWARE ARE CULTURISTS OF THE PROBLEM?
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10.45 - 11.45  Oral Session #09 - INFERTILITY AND FERTILITY PRESERVATION

10.45 - 10.55  FERTILITY OUTCOME AFTER LAPAROSCOPIC SEGMENTAL BOWEL RESECTION FOR ENDOMETRIOSIS: A 11 YEAR EXPERIENCE.
ROSA NEME (Brazil)

10.55 - 11.05  OOCYTES AND EMBRYOS QUALITY IN ENDOMETRIOSIS. REVIEW OF LITERATURE
Mohamed Gamal Ibrahim (Germany)

11.05 - 11.15  PREDICTING THE LIKELIHOOD OF A LIVE BIRTH FOR WOMEN WITH ENDOMETRIOSIS-RELATED INFERTILITY
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11.15 - 11.25  THE IMPACT OF ENDOMETRIOSIS ON PREGNANCY OUTCOMES COMPARED TO A MATCHED MALE SUBFERTILE POPULATION AFTER EQUAL QUALITY EMBRYO TRANSFER AND THE ASSOCIATION WITH DYSMENORRHEA
Celine Blank (Belgium)

11.25 - 11.35  DO WE STILL NEED TO ADVISE THE LONG-TERM DOWNREGULATION PRIOR TO IVF FOR PATIENTS WITH ENDOMETRIOSIS?
Simone De Jong (Netherlands)

11.35 - 11.45  SUMMARY and DISCUSSION
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<td>VOLUMETRIC CHANGES IN THE BRAINS OF WOMEN WITH ENDOMETRIOSIS-ASSOCIATED PAIN ARE DYNAMIC Miriam Szabo (Sweden)</td>
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<td>THE HIDDEN SIDE OF ENDOMETRIOSIS RELATED PAIN: CORRELATION BETWEEN CHRONIC PELVIC PAIN, MYOFASCIAL PAIN SYNDROME AND ENDOMETRIOTIC LESIONS Carlo Alboni (Italy)</td>
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<td>SYSTEMIC INFLAMMATION IS ASSOCIATED WITH PREOPERATIVE PELVIC PAIN SEVERITY AND PAIN IMPROVEMENT IN WOMEN WITH PELVIC PAIN UNDERGOING HYSTERECTOMY Sawsan As-Sanie (United States)</td>
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WCE2020 poster presentations

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Adenomyosis

AN EXTEND VIEW IN ADENOMYOSIS AND ENDOMETRIOSIS; EVALUATION THE RATE OF COEXISTENCE BETWEEN UTERINE ADENOMYOSIS AND DIE ACCORDING TO IMAGING AND HISTOPATHOLOGY STUDIES
Saeed Alborzi (Iran)

EFFECTS OF ADENOMYOSIS ON THE PROGNOSIS OF PATIENTS WITH ENDOMETRIAL CANCER: A META-ANALYSIS
Min An (China)

Efficacy of Combined Levonorgestrel-Releasing Intrauterine System with Gonadotropin-Releasing Hormone Analog for the Treatment of Adenomyosis.
Laila Arjumand Banu (Bangladesh)

Quantitative Ultrasound Speckle Tracking Assessment of the Uterus Demonstrates Different Characteristics of Peristalsis in Adenomyosis Compared to Healthy Women
Celine Blank (Belgium)

High-Intensity Focused Ultrasound (HIFU) Treatment for Adenomyosis: A Short Term Treatment Outcome in Kaohsiung Medical University Hospital
Chih Ting Chang (Taiwan)

Endometrial Endometrioid Carcinoma Arising in Adenomyosis: What’s the Role of Adenomyosis?
Xiaopei Chao (China)

Pain Characteristics of Patients with Adenomyosis in a Chinese Population
Qian Chen (China)

Analysis of Adenomyosis Subtypes and Location Assessed by Magnetic Resonance
IMAGING IN 322 CASES
Lan Chen (China)

INVOLVEMENT OF ADENOMYOSIS IN REFRACTORY ABNORMAL UTERINE BLEEDING-OVULATORY DYSFUNCTION: A CASE SERIES
Shan Deng (China)

A RETROSPECTIVE ANALYSIS OF THE ASSOCIATION BETWEEN SUBTYPES OF ADENOMYOSIS AND REPRODUCTIVE OUTCOMES
Shan Deng (China)

EFFICACY OF MAGNETIC RESONANCE-GUIDED FOCUSED ULTRASOUND SURGERY (MRGFUS) IN THE UTERINE ADENOMYOSIS TREATMENT
Yang Feng (China)

CHARACTERIZATION OF THE ADENOMYOSIS-LIKE PHENOTYPE PRESENT IN TRANSGENIC MICE OVEREXPRESSING HUMAN HSD17B1
Taija Heinosalo (Finland)

RESEARCH PROGRESS OF MICRORNALET-7 IN THE PATHOGENESIS OF ENDOMETRIOSIS
Junhua Huang (China)

BIOLOGICAL DIFFERENCES BETWEEN FOCAL AND DIFFUSE ADENOMYOSIS AND RESPONSE TO HORMONAL TREATMENT
Khaleque Khan (Japan)

A NOVEL TECHNIQUE FOR MYOMETRIAL DEFECT CLOSURE AFTER ROBOT-ASSISTED LAPAROSCOPIC ADENOMYOMECTOMY
Mee-Ran Kim (South Korea)

CHANGE IN ENDOPLASMIC RETICULUM STRESS IN ADENOMYOSIS AFTER GNRHA THERAPY
Shuang Liang (China)

THE DIFFERENT EXPRESSION OF TRANSIENT RECEPTOR POTENTIAL CANILLOID TYPE 1, SUBSTANCE P, AND ESTROGEN RECEPTOR ALPHA BETWEEN ADENOMYOSIS AND OVARIAN ENDOMETRIOSIS, AND THEIR CORRELATION WITH DYSMENORRHEA
Lu Liu (China)

ANALYSIS OF MUTATIONS IN DEEP ENDOMETRIOSIS AND FOCAL ADENOMYOSIS
Louis Marcellin (France)

**ENDOMETRIAL GENE EXPRESSION IN WOMEN WITH ADENOMYOSIS, ENDOMETRIOSIS AND OTHER GYNAECOLOGIC PATHOLOGIES AND THE POTENTIAL FOR SPECIFIC DIAGNOSTICS BIOMARKERS**
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**EXPRESSIONS OF TRANSCRIPTION FACTOR 21 AND PERIOSTIN IN THE EUTOPIC ENDOMETRIUM OF ADENOMYOSIS AND ENDOMETRIOSIS**
Tomoko Nakamura (Japan)

**THE DISCOVERY OF THE ADENOMYOSIS INCREASE STRONGLY WITH YOUNGER PATIENTS. WHAT ARE THE MEAN REASONS? STUDY 2019: 30 YOUNG GIRLS WITH ADENOMYOSIS**
Michele A. Pierobon (France)

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Xue Shen (China)

**CHARACTERISTICS OF CLINICAL MANIFESTATIONS AND SURGICAL MANAGEMENT ON INFERTILE WOMEN WITH BOTH ENDOMETRIOSIS AND ADENOMYOSIS**
Jinghua Shi (China)

**EXPRESSION AND CLINICAL SIGNIFICANCE OF CEBPB AND SERPINE-1 IN EUTOPIC ENDOMETRIUM AND ECTOPIC LESIONS OF ADENOMYOSIS**
Shu Shi (China)

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Lin Sili (China)

**TUBAL LIGATION AND PAIN SYMPTOMS ARE ASSOCIATED WITH HISTOLOGICALLY CONFIRMED ADENOMYOSIS**
Matthew Sleeman (Australia)

**LAPAROSCOPIC ADENOMYOMECTOMY COMBINED WITH INTRAOPERATIVE REPLACEMENT OF MIRENA IN THE TREATMENT OF ADENOMYOSIS: FEASIBILITY AND EFFECTIVENESS**
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Yabing Sun (China)

**FAK REGULATES EPITHELIAL-MESENCHYMAL TRANSITION IN ADENOMYOSIS**
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Shouxin Gu (China)

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Khaleque Khan (Japan)
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Khaleque Khan (Japan)

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**VOIDING DYSFUNCTION AFTER COLORECTAL SURGERY FOR DEEP INfiltrATING ENDOMETRIOSIS: A SYSTEMATIC REVIEW AND META-ANALYSIS**
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**THE URINARY MONO-N-BUTYL PHTHALATE LEVELS ARE POSITIVE ASSOCIATED WITH ENDOMETRIOSIS AND ITS BIOLOGICAL EFFECTS ON HUMAN GRANULOSA CELLS**
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Leslie V. Farland (United States)

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THE ENDOMETRIOSIS PHENOME PROJECT (EPHECT) QUESTIONNAIRE II: CLINICAL AND OBSTETRIC ASPECTS
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Chen Zhang (China)

MYELOID-DERIVED SUPPRESSOR CELLS IN ENDOMETRIOSIS
Zimeng Zheng (China)

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**PELVIC FLOOR, ABDOMINAL AND UTERINE TENDERNESS IN RELATION TO PRESSURE-PAIN THRESHOLDS AMONG WOMEN WITH ENDOMETRIOSIS AND CHRONIC PELVIC PAIN**
Sawsan As-Sanie (United States)

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Erkut Attar (Turkey)

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Melissa Audeau (New Zealand)

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Sofiane Bendifallah (France)

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Shike Lin (Hong Kong)

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Katy Vincent (United Kingdom)

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Ziena Abdullah (United Kingdom)

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Martha Grace Cromeens (United States)

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Thomas Ebner (Austria)

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Aia Al-saidi (Netherlands)

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Sikai Chen (China)

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Jonathan Cohen (France)

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Hale Goksever Celik (Turkey)

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Vinicius Gonçalves Melo (Brazil)

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Vinicius Gonçalves Melo (Brazil)

**IMPACT OF ENDOMETRIOSIS IN MOTHER WITH CHILD RELATIONSHIP IN A CITY IN THE BRAZILIAN NORTHEAST ACCORDING TO ENDOMETRIOSIS HEALTH PROFILE (EHP-30)**
Vinicius Gonçalves Melo (Brazil)

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Liping Han

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Xiufeng Huang (China)

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Woo Young Kim (South Korea)

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Miguel Vinicius Lima Reis Costa (Brazil)

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Anne OPPENHEIMER (France)

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Qi Tian (China)

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Amartuvshin Tumenjargal (Japan)

The Experience Sampling Method for Momentary Assessment in Endometriosis Patients
Esther Van Barneveld (Netherlands)

Affective Symptoms and Endometriosis: A Systematic Review and Meta-Analysis
Esther Van Barneveld (Netherlands)

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Majorie Van De Kar (Netherlands)

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Leesa Van Niekerk (Australia)

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Chin-Jung Wang (Taiwan)

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Meng-Hsing Wu (Taiwan)
IS NEURAL THERAPY A SUITABLE TREATMENT OPTION FOR ENDOMETRIOSIS RELATED DYSMENORRHEA AND MENSTRUAL DYSFUNCTION IN ADOLESCENTS?
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Pinar Yalcin Bahat (Turkey)

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Jerry Chan (Singapore)

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Zhang Huiyu (China)

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Hui Li (China)

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Andrea Romano (Netherlands)

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Pamela Stratton (United States)

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TEN STEPS FOR LAPAROSCOPIC NOSE (NATURAL ORIFICE SPECIMEN EXTRACTION) ANTERIOR RESECTION FOR DEEP ENDOMETRIOSIS INFILTRATING THE RECTUM
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Sofiane Bendifallah (France)

QUALITY OF LIFE AFTER CONVENTIONAL LAPAROSCOPIC BOWEL RESECTION AND NOSE-COLECTOMY
Attila Bokor (Hungary)

INDOCYANINE IN DEEP INFILTRATING ENDOMETRIOSIS (INDIE) : A FEASIBILITY STUDY
Pauline Chauvet (France)

EVALUATION OF ROUTINE PREOPERATIVE MECHANICAL BOWEL PREPARATION IN ENDOMETRIOSIS SURGERY
Carolina Domiciano (Brazil)

THE EFFECTIVENESS OF LAPAROSCOPIC AND ROBOT-ASSISTED SURGERY FOR INFILTRATIVE FORMS OF ENDOMETRIOSIS IN WOMEN WITH ENDOMETRIOSIS-ASSOCIATED INFERTILITY.
Irina Ershova (Russian Federation)

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CYSTO-LAPAROSCOPIC GUIDED RESECTION OF DEEP INVASIVE ENDOMETRIOSIS OF BLADDER DETRUSOR MUSCULATURE WITH MUCOSAL PRESERVATION. DESCRIPTION OF TECHNIQUE AND PATIENTS FOLLOW UP.
ROSA NEME (Brazil)

DEEP INfiltrATING ENDOMETRIOSIS IN THE BOWEL: COMPARISON BETWEEN ROBOTIC AND LAPAROSCOPIC RETOSIMOIDECTOMY IN 830 PATIENTS IN A SINGLE CENTER
ROSA NEME (Brazil)

LAPAROSCOPIC SEGMENTAL BOWEL RESSECTION FOR DEEP PELVIC ENDOMETRIOSIS: 830 CASES FOLLOWED DURING 11 YEARS
ROSA NEME (Brazil)

BLADDER BIPARTITION - SURGERY FOR DEEP INVASIVE ENDOMETRIOSIS IN THE TRIGONE AND NEAR TRIGONAL AREA. DESCRIPTION OF TECHNIQUE AND PATIENTS FOLLOW UP.
ROSA NEME (Brazil)

MANAGEMENT OF BOWEL INFILTRATING ENDOMETRIOSIS BY ROBOTIC ASSISTED LAPAROSCOPY: 11-YEAR EXPERIENCE.
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MANAGEMENT OF DEEP INFILTRATING ENDOMETRIOSIS TREATMENT WITH ROBOTIC ASSISTED LAPAROSCOPIC BOWEL RESECTION: 11 YEAR EXPERIENCE
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THE WANDERING WOMB: EXTRA PELVIC ENDOMETRIOSIS
Chyssa Agnelli Pauig (Philippines)

MYOMETRIAL ENDOMETRIOMA
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SURGICAL TREATMENT OF DEEP INFILTRATIVE ENDOMETRIOSIS
Anastasiya Safronova (Russian Federation)

OBSIDIAN ASG – A COMPLETE NEW TECHNIQUE FOR POSSIBLE REDUCTION OF ANASTOMOTIC LEAKAGE AFTER LOW RECTAL ANASTOMOSIS
Andreas Shamiyeh (Austria)

LAPAROSCOPIC CYSTECTOMY FOR ENDOMETRIOMA TO PRESERVE OVARIAN RESERVE
Takehiko Tsuchiya (Japan)

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xiaoying zhang (China)

SAFETY EVALUATION ON SURGERIES FOR BOWEL ENDOMETRIOSIS: A SYSTEMATIC REVIEW AND META-ANALYSIS
Yunxi Zheng (China)

LAPAROENDOSCOPIC SINGLE-SITE COMPARED WITH CONVENTIONAL LAPAROSCOPIC OVARIAN CYSTECTOMY FOR OVARIAN ENDOMETRIOMA
Xingnan Zhou (China)