



## **International Federation of Fertility Societies**

**RAHR - IFFS**

**Regional conference and seminars**

**Eastern Siberia, the Far East**

## **Reproductive Technology Update**

### **40 years of IVF**

#### **Location: Vladivostok**

- Primorsky Regional Perinatal Center
- Regional Clinical Center for Specialized Medical Aid
- Pacific State Medical University of the Ministry of Health of Russia

**Dates: September 18-19, 2018**

**IFFS PCC Workshop**

**ART: Clinical Workshop**

#### **Course Objectives**

1. To gain a thorough understanding of ovarian stimulation for IVF/ICSI
  2. To gain a luteal phase support
  3. To learn how to minimise the risks of OHSS
  4. To understand endometrium and implantation
  5. To learn about poor ovarian responders
  6. To learn features of management MAR for patients with endometriosis
- Day 8h = 6 h + 1 h lunch + 30 minutes x 2 = 1 h tea+coffe
  - 2 lessons x 1,5 = 3h in the morning + 3 h afternoon
  - Each lesson 3 topics – lectures 20 minutes, 10 minutes discussion after each – flexible, or 2 lectures 40 minutes + 10 minutes for discussion

**September 18. Clinical aspects of ART**  
**KGBUZ "Primorsky Regional Perinatal Center"**

**G.Vladivostok, Mozhaisk, 1B**

|               |   |                                     |
|---------------|---|-------------------------------------|
| 08.45 -09.00  | Welcome and course introduction   | Richard Kennedy<br>Vladislav Korsak |
| 09.00 -09.20  | ART terminology: International Glossary 2017, ICD 10, Q&A                               | Vladislav Korsak                    |
| 09.20 -10.00  | Present and future of the clinical stage of IVF. Q&A                                    | Julia Koloda                        |
| 10.00 – 10.30 | MAR for patients with endometriosis   | Aleksander Popov                    |
| 10.30         | Coffee  |                                     |
| 11.00-11.30   | Ovarian reserve. Poor ovarian response and poor ovarian responders. Q&A                 | Elvira Isakova                      |
| 11.30- 12.00  | Endometrial and implantation problems. Q&A.   | Alberto Vaiarelli                   |
| 12.00-12.30   | Elective embryo transfer eSET, eDET. Q&A  | Richard Kennedy                     |
| 12.30         | Lunch   |                                     |
| 13.30 -14.00  | A Adjuvants in ART  | Richard Kennedy                     |
| 14.00 – 14.30 | OHSS - prevention and treatment. Q&A  | Alberto Vaiarelli                   |
| 14.30 – 15.00 | Modified natural cycle. Mild ovarian stimulation for IVF. Q&A                           | Paul Devroey                        |
| 15.00         | Tea   |                                     |
| 15.30- 16.00  | Luteal phase and early pregnancy support. Freeze all. Q&                                | Paul Devroey                        |
| 16.00- 16.30  | Problem cases in IVF – managing repeated implantation failure<br>(scratching and so on) | Delegates and Panel                 |
| 16.30- 17.00  | Course conclusion and feedback  | Richard Kennedy<br>Vladislav Korsak |

## Sept 18. Embryology Workshop

### IFFS Embryology Workshop

**0900 Welcome and Introduction to the day (RC/VNB)**

**0915 – 0945: Laboratory: Design, build and equipment (RC)**

(Planning a new unit, considerations in the design, different types of equipment ie incubators, flow hoods, electronic witnessing systems, monitoring systems, cryo safety)

**1000 – 1015: Discussion on advantages / disadvantages of different incubator types (RC/VNB)**

(Have pictures of different types of incubators – ask audience to select which they would buy and discuss why)

**10:15 to 1045: Gamete preparation and embryo culture – (VNB)**

(Semen analysis, sperm prep methods, different types of culture systems)

**1045 – 1100: Practical counting sperm motility exercise - would we be able to get enough counters for everyone - log on to my NEQAS account and do one of the submissions... (RC/VNB)**

**1100-1130 Coffee**

**1130 – 1200: Laboratory and clinical aspects of ICSI (RC)**

(Process – stripping, process, clinical aspects – when to use...)

**1200 – 1230: Cryopreservation - Sperm, eggs and embryos - (VNB)**

(Methods for sperm, eggs and embryos, strategies for freeze all patients and FET)

**1230 – 1300: Embryo transfer: Selecting embryos, transfer techniques and policies (RC)**

(embryo quality, methods of selecting, embryo transfer techniques, eSET)

**1300 – 1400 Lunch**

**1400 – 1430: Genetic testing (VNB)**

(PSG / PGD – biopsy techniques, when to use, evidence for PGS)

**1430 – 1530: Case discussions (RC/VNB)**

(see printed examples)

**1530-1545 Coffee**

**1545 – 1615: Quality Control and Quality Assurance in the Laboratory – (RC)**

(General aspects / examples – use of IFFS templates – to bring printed out)

**1615 – 1630: Training strategies (VNB)**

(good practice with regard to training – log books, theoretical aspects, competency sign off, records)

**1630- 1700: Trouble shooting exercises**

(2 exercises: KPIs – increase in biochemical pregnancies: poor ICSI fertilisation rates)

**September 19, 2018**

**10.00-15.00**

**Pacific State Medical University of the Ministry of Health of Russia, Great Hall**

**G.Vladivostok, Ostryakov Avenue, 2**

**Modern Reproductive Technology**

|               |  |                                       |
|---------------|--|---------------------------------------|
| 10.00 -10.15  |  |                                       |
| 10.15-10.25   | 40yrs IVF. Robert Edwards & Patrick Steptoe way to success. Global ART | Richard Kennedy                       |
| 10.25- 10.45  | History of IVF in Russia   | Anatoly Nikitin                       |
| 10.45-11.30   | ART in Russia. Indications and pretreatment                            | Vladislav Korsak                      |
| 11.30 -12.00  | Female Infertility, the importance of age and time to conception       | Alberto Vaiarelli                     |
| 12.00         | Lunch  |                                       |
| 12.30 -13.00  | Reproductive surgery and ART   | Alexander Popov                       |
| 13.30 – 14.00 | Gamete donation. Surrogacy   | Elvira Isakova<br>Исакова Э.В. (РАРЧ) |
| 14.00 – 14.30 | PCO: from ovulation induction to IVF                                   | Julia Koloda                          |
| 14.30 - 15.00 | Q&A  |                                       |