President Message
Prof. Chii-Ruey Tzeng

Another year and another round of whole new changes will come up, but what ASPIRE need not have to change is to actively promote and advocate reproductive medicine, to improve the knowledge and awareness of ART and infertility-related services, with the ultimate goal of improving the quality of patient care.

In the ASPIRE congress, we have begun an exchange program with ASRM that has already been implemented. Next year, we will also establish collaboration between ESHRE and ASPIRE, at the following ASPIRE Congress in Hong Kong, 2019. Earlier in January, the 4th Masterclass took place in Bangkok with the theme “Enhancement of Embryo Implantation”. With over 90 participants from 13 countries, the two-day program offered the most up to date evidence to help practitioners to improve clinical outcomes for couples with implantation disorders. The 5th Masterclass will focus on the theme “State of the Art in IVM 2018” in Ho Chi Minh, Vietnam on September 27-28, 2018.

This year we would like to honor Professor Robert Norman with the Lifetime Achievement Award and Professor Jie Qiao with the Honorary Member Award in recognition of their efforts and dedication to allow ASPIRE to flourish.

Throughout the year, a number of topics of interest have come up, and I would like to share them with you, as an inspiration for discussion, debate and even future research planning.

Firstly, being a part of the Asia-Pacific area, we must be aware of the increasingly low birth rate in some countries of Asia. It is a growing concern and should be a priority on our agendas. We must find the causes and root of the problem, before we can improve or change it.

Secondly, the future of artificial intelligence is already here. We see them taking on multiple roles in many different industries, so when will they come for our positions? We have seen them enter the field of infertility by means of cognitive automation of time-lapse imaging. Should we welcome or fear the role of AI in infertility?

Another hot topic this year is PGS, PGD and PGT-A. The controversy over mosaicism is as heated as ever. This application of genetic testing has given way to a gray area of mosaicism which yet has no standard of treatment.

With the growing incidence of endometriosis, we must also keep in mind that the decision to treat endometriosis surgically must be weighed carefully with risks. As Professor Johannes Evers said, “In most endometriosis patients, irreparable damage is done during their first surgery by kind but under-qualified surgeons. If non-surgical options fail, a center with expertise in endometriosis surgery is the next step.”

As we, the future of infertility expands, so we must strive to maintain our quality and reputation. Through accreditation systems of Asian Pacific infertility centers, we can ensure that the medicine practiced is held up to the high standards for our patients’ safety. We will also begin planning for ASPIRE’s own journal. We can provide a platform for our experts and members to share the latest in research with each other and the world.

So, in this following year, I hope together we can take strides in making ASPIRE known as one of the top reproductive medicine societies in the international community.
President Activities in 2017

25th Asian & Oceania Congress of Obstetrics and Gynaecology (AO COG), Hong Kong, China, Jun 15-18, 2017

22nd Annual Congress of Indian Society for Assisted Reproductions (ISAR) 2017, New Delhi, India, Apr 21-22, 2017

LIFE conference 2017, Bangalore, India, Dec 1-3, 2017

ESHRE 2017, July 1-5, Geneva

13th World Congress on Endometriosis (WCE), Vancouver, Canada, May 17-20, 2017

19th World Congress on In Vitro Fertilization (ISIVF 2017), Antalya, Turkey, Oct 4-8, 2017


Merck Africa Luminary, Cairo, Egypt, Oct 24-25, 2017

The 11th Congress of the Pacific Society Reproductive Medicine (PSRM2017), Osaka, Japan, Oct 14-15, 2017

Art Focus 2017, Singapore, Aug 12-13, 2017
Dear fellow colleagues,

We will be meeting in Taipei for our 8th Congress of the Asia Pacific Initiative on Reproduction from 12 – 15 April 2018. This congress features a very exciting scientific programme consisting of 7 keynote speakers, 116 invited speakers and moderators, 3 pre-congress workshops, 30 concurrent sessions and 267 abstracts. At this point, we are happy to say that we have more than 1200 delegates registered to the congress.

This year has been another busy year for Aspire. Two masterclasses were organised – 3rd Masterclass on Preimplantation Genetic Testing was held in Beijing, China from 11 – 13 October 2017 which attracted a total of 81 participants over the three days. The 3rd masterclass featured our very first hands-on working training collaborated with Peking 3rd University Hospital. The 4th Masterclass on Enhancement of Embryo Implantation was held in Bangkok, Thailand from 25 – 26 January 2018 and we have 102 delegates joined us at this workshop. We are also excited for the upcoming 5th Masterclass which will be led by Dr Thi Ngoc Lan Vuong together Prof Johan Smitz, Free University Brussels (VUB). The masterclass will be on the theme “State of the Art in IVM 2018” from 27 – 29 September 2018 and we welcome you to join us.

We are also running our membership drive which have resulted, to date, over 440 new members joining the Aspire community. Aspire community is now consisting of over 550 members from 21 countries.

The ASPIRE-ISAR Certificate Course was also launched this year with two cohorts, a total of 5 students. They have recently completed their 1-year theory curriculum and went through a 1-month observership under the mentorship of Prof Atsushi Tanaka, our Aspire Board Member at Saint Mothers Hospital, Japan.

We have continued our collaboration with ASRM. At the 2017 ASRM Scientific Congress & Expo held in San Antonio, Texas, United States, ASPIRE held a session on “Advances in Understanding Oocyte Structure” with three speakers namely Prof Chii-Ruey Tzeng, Prof David Gardner and Prof Unemoto Ohto. Prof Atsushi Tanaka was also involved as a chairperson. This year in Aspire 2018, ASRM will be holding a Pre-Congress Workshop on Simulation of Embryo Transfer and an ASRM Session on Contemporary Issues of Infertility Management.

We have also recently concluded an agreement with ESHRE for reciprocal sessions to be held at both ESHRE and Aspire congresses, starting at Aspire 2019 which will be held in Hong Kong from 2 – 5 may 2019.

I thank you for the continuous support towards Aspire and for growing this community together.

I look forward to meeting you in Taipei.

Yours Sincerely,

PC Wong
Secretary-General
You can now become a member of ASPIRE for 2018 and beyond.

Aspire, the Asia Pacific Initiative on Reproduction was founded in 2001 to improve knowledge and awareness of ART and infertility-related services, with an ultimate aim of improving the quality of patient care. The society has been active in providing a platform for professionals in this field to share experiences and information in the development and advancement of fertility services in the Asia-Pacific region.

To grow the Aspire community and welcome all fellow colleagues in the Asia Pacific region, we are happy to announce that Aspire will be running a membership drive from now till 30th April 2018, offering an exclusive membership subscription rate of SGD 10 per year. Furthermore, we are also offering subscription plans that allow you to auto-renew your membership or the next 3 years or the next 5 years.

**EXCLUSIVE MEMBERSHIP SUBSCRIPTION PLANS TILL 30TH APRIL 2018**

<table>
<thead>
<tr>
<th>Membership Type</th>
<th>Subscription Rate</th>
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<tbody>
<tr>
<td>1-Year Membership</td>
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<td>SGD 90</td>
</tr>
<tr>
<td>3-Years Membership</td>
<td>SGD 30</td>
<td>SGD 270</td>
</tr>
<tr>
<td>5-Years Membership</td>
<td>SGD 50</td>
<td>SGD 450</td>
</tr>
</tbody>
</table>

Subscribe as an Aspire Membership online or Visit the Aspire Booth on 1F, Taipei International Convention Center (TICC) Lobby during Aspire 2018!

**MEMBERS BENEFITS**

- Access to the online ART Directory
- Access to Aspire Educational Portal*
- Reduced registration fee to Aspire Congresses and Masterclasses (NEW)
- The opportunity to participate in the “Call for Bids” to host Aspire congresses
- Free newsletter and regular updates on Aspire’s activities
- The chance to participate in Aspire’s projects and host regional events
- The right to attend and vote at General meetings of the Society

*ASPIRE Education Portal archives approved speakers’ presentation slides from our congresses or masterclasses for continual learning exclusively for Aspire members.

Members of the Asia Pacific Initiative on Reproduction are given the unique opportunity to liaise with key leaders and researchers in the field of infertility and ART. ASPIRE membership is open to qualified doctors, certified nurses, counsellors, biologists and any other professionals working in this field.

**Register Your IVF Clinic**

As limited information exists on ART centres and reproduction services in the Asia-Pacific region, ASPIRE (Asia Pacific Initiative on Reproduction) aims to establish a platform from which ART professionals can communicate and interact with each other more effectively.

The Directory will also provide a central resource of information on IVF centres in the region, including the types of services offered.

**Objectives**

- To register IVF clinics and number of IVF cycles in each country among Asia Pacific region
- To know the number of IVF clinician and embryologist in Asia Pacific region
- To Increase public awareness about IVF services and facilities in Asia Pacific region
- Register your IVF clinic

Simply complete the application form available on our website and send it over to our Secretariat Office.

www.aspire-reproduction.org
Aspire 2019

The 8th Congress of the Asia Pacific Initiative on Reproduction (ASPIRE 2019)

2 – 5 May 2019
Hong Kong Convention and Exhibition Centre

Deadline for Abstract Submission: 15 November 2018
Deadline for Early-Bird Registration: 1 February 2019

For enquiries, please contact
ASPIRE 2019 Congress Secretariat
International Conference Consultants Ltd.
Tel: (852) 2559 9973
Fax: (852) 2547 9528
Email: info@aspire2019.com

www.aspire2019.com
Japan Report

For over 20 years we have been doing round spermatid injection (ROSI) for non-obstructive azoospermic men who, after Micro-TESE, had been found to have round spermatids but no testicular sperm. More than 400 healthy children have been born at our hospital over these years so we are strong supporters of this procedure. However, there is controversy regarding the clinical usefulness of ROSI and the health of the babies born after ROSI. Data collected at our hospital indicates that the incidence of physical or cognitive abnormalities is comparable to that of natural conception children.

Generally, European and American countries are skeptical about it and some countries even prohibit it. I believe there must some kind of underlying unsolved non-scientific problem that has led them to have these positions. We have hosted many embryologists and doctors who have come to our clinic to study the procedures of ROSI (Photo). We believe ROSI can be improved are we are now experimenting and looking for an optimal oocyte activation method. We are also planning to form a small scientific group within ASPIRE for people who are interested in ROSI.

The most common argument against the use of round spermatids has been that whenever round spermatids exists more advanced spermatogenic cells can be found and those should be used instead, we agree regarding the use of more advanced spermatogenic cells but argue that in many cases round spermatids are the most advanced cells and those cases call for the use of ROSI. Another common argument is that adoption or sperm donation are better and safer alternatives for azoospermic men. Again, this is a valid argument in most western countries but it fails to consider cultural and legal limitations existing in some eastern cultures, most notably Muslim countries where sperm donation is prohibited. In some Asian countries the limitations are not legal.

Relevance of ROSI

Country Representative
Prof. Atsushi Tanaka

Brazil

NewsLetter
April - 2018
but cultural, many Asian countries place great importance on blood relationships and adoption rates are extremely low. In these countries and cultures ROSI provides a valuable opportunity to azoospermic men to have their own genetic offspring.
The Russian Association of Human Reproduction has arranged the annual Rafting Rally for the last 5 years. It was Altai Mountains Rivers in 2012-2015 and the Oka Sayanskaya and the Baikal lake in 2017. A nice company of colleagues, a warm and friendly atmosphere, fantastic landscapes, hard work good for your health - a safe and comfortable trip with a professional team of coaches and guides, a totally unforgettable experience. You are welcome to join us!
The Russian Association of Human Reproduction (RAHR) organizes annual conferences and without exaggeration this is a most significant event for Russian specialists in reproductive medicine. During four days Russian and foreign experts discuss key questions on contemporary infertility treatment and assisted reproductive technologies. In 2017, the 27th Conference and IFFS International Symposium took place in Saint-Petersburg and attracted more than 1500 participants from all around the world. The event was organized with the support of the International Federation of Fertility Societies (IFFS).

The Conference was opened by the RAHR President Vladislav Korsak and the IFFS President Richard Kennedy. In the welcome speech they accented the importance of international co-operation and global issues that were to be discussed during joint scientific sessions. This collaboration made the Conference a truly international event: speakers at the Conference were world famous experts and reproductive specialists from 54 countries: Algeria, Argentina, Australia, Bahrain, Bangladesh, Belgium, Czech Republic, Finland, France, Germany, Greece, Hungary, India, Indonesia, Iran, Israel, Italy, Latvia, Lebanon, Malaysia, Morocco, Norway, Philippines, Sweden, Switzerland, Tunisia, Turkey, Ukraine, and the USA.

The discussions were about new approaches to infertility diagnosis and treatment, ovarian stimulation, in vitro fertilization, embryo culture and selection, and endometrium preparation. Special attention was paid to preimplantation genetic diagnosis. A round-table discussion was also organized where professionals could consider all challenges that they face in different fields of reproductive medicine.

In the area of assisted reproductive technology there are many current problems that can be solved only by cross-professional teams. So the RAHR and IFFS international scientific committee headed by Anna Smirnova and Tina Buchholz developed a course of seminars covering a broad range of subjects. The seminars took place on the day before the conference. The participants had an opportunity to learn about latest achievements of cryobiology, diagnosis and treatment of ovarian pathology, tactics of infertility treatment before in vitro fertilization, man’s reproductive health, psychological support of patients in critical situations, practical aspects of embryologist’s work with infected biological material, characteristics of ultrasound in infertile and pregnant woman, questions of genetic diagnosis, as well as psychological and ethical aspects of assisted reproductive technology (ART). The workshop on early pregnancy loss conducted by the International Federation of Gynecology and Obstetrics (FIGO) was a big success. Also a unique workshop took place on embryo transfer with the use of simulators developed by ASRM.

The Conference united colleagues of different professions: gynecologists, obstetricians, pediatricians, andrologists, urologists, surgeons, anesthesiologists, psychologists, biologists, embryologists, and geneticists; it became really an event for all specialists working in the area of reproductive medicine.

Last year, an initiative group addressed the Russian Association of Human Reproduction with a proposal to make July 25 (Louise Brown’s birthday) a holiday of all professionals working in ART. That is why in September 2017 at the 27th RAHR Conference we decided to celebrate the ART Day. We had written a letter to Louise with a request to give her agreement to celebrate the World ART Day on July 25 and got her approval.

The upcoming 28th International conference of RAHR will be held in the city of Ufa on September 5 to 8, 2018. The organizing committee cordially invites our colleagues to participate.
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Dr. Hemashree Rajesh is the Country Representative. She and her team are organizing a Starting Out on Assisted Reproduction (SOAR) workshop from 10-12 May 2018 in Singapore.

The course would benefit individuals who are starting out on IVF; who are keen for a strong grounding on scientific principles and those who wish to exchange ideas and take back some tips from the experts and also those in training to have a deeper understanding of in-vitro fertilisation. With us, we have 4 renowned international speakers from around the world who are presenting on the topics of their forte. We have:

- Zdravka Veleva, Finland
- Kelli Sorby, Australia
- Prof Michael Chapman, Australia
- Dr Andrew Kan, Australia

I have attached the programme for your kind perusal.
Activities of ISAR – May 2017 onwards

"Infertility Management Simplified" – A Digital Series of 6 Webinars

Supported through an unconstricted educational grant from Torrent Pharmaceuticals.

**Indian Society for Assisted Reproduction (ISAR)** has initiated Series of 6 Webinars on "Infertility Management Simplified" through a multi-disciplinary approach to Infertility through case discussions. This course is conducted at **Breach Candy Hospital** Auditorium and webcasted live in different cities of the country. It is aimed at educating young Gynecologists and Post Graduates on Infertility management.

**Launch of the Series – 13th September, 2017**
Taking further our endeavor at ISAR to educate, we have introduced the "Fertility Enhancing Surgeries – What to do and what not to do" a program organized by ISAR in collaboration with Johnson & Johnson Institute. It is a two day course on Fertility enhancing endoscopic surgeries. This course is aimed at training especially our budding post-graduates. Endoscopic surgeries are being done extensively countrywide and they have a huge role in fertility treatment. We are enrolling only 16 candidates per batch at both Mumbai and Chennai centers every month for the next 12 months. I am sure our post graduates will enjoy the course as it includes hands on training on pigs and simulators and it is free! Endoscopic surgeons and infertility experts will deliver lectures to the students followed by supervised training and video demonstrations on common fertility enhancing surgeries. I would like to express my gratitude to Dr. Krishna Kumar and Dr. Parul Kotdawala the Course Coordinators for this program (and their teams of faculties both at Mumbai & Chennai). I would also like to thank Dr. Vivek Iyer and Dr. Vivek Raul and the entire team at Johnson & Johnson for supporting this program. For further details on the course please log on to our ISAR website http://www.isarindia.net

ISAR - ART Course

1st course held on 4th-8th Oct 2017 in Mumbai. To enlighten and further motivate the budding and junior gynaecologists who have taken up the challenges to take a step further in the field of infertility and have decided to proceed with their own IVF laboratories. The need to amalgamate the gynaec related work pattern along with embryology related issues was to induce a sense of confidence and self-sufficiency so that they can foray into this field with minimum of stress and maximum of confidence!
Programme Director

Prof. LI Tin Chiu
MBBS (HK), MD(HK), PhD (Sheffield),
FRCOG, FRCP(Glasgow) Professor,
Department of Obstetrics and Gynaecology, CUHK

Prof. TC Li is currently Professor of Obstetrics & Gynaecology of the Chinese University of Hong Kong. He graduated from the university of HK and shortly afterwards went to England and received further training there before taking up a consultant post in Sheffield and set up a regional recurrent miscarriage there. He returned back to Hong Kong in May 2014. He is now director of the IVF unit in Prince of Wales Hospital and runs a regular recurrent miscarriage clinic in the hospital.

Deputy Programme Director & Course Advisory Committee Chairperson

Dr. CHI Ling
MD (Tongji Medical University, China), PhD (Tongji Medical University, China),
Post Doctorate (Rockefeller University, USA) HCLD (American Board of Bioanalysis, USA)

Dr. CHI is certified by the American Board of Bioanalysis as a High Complexity Clinical Laboratory Director in the United States. She is also a CAP (The College of AmericanPathologists, USA) inspector for IVF laboratory in USA. Dr. CHI has more than 15 years of experiences in managing clinical embryology laboratories, clinical andrology laboratories and clinical endocrinology laboratories in the US. In addition, she also has the Molecular Biology research background. Her basic research activities greatly contributed to the cloning and characterization of the human GnRH receptor in pituitary.
### Course Features

<table>
<thead>
<tr>
<th></th>
<th><strong>Combine theory and bench practice:</strong> Some modules will be delivered in partnership with non-HK IVF centers.</th>
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</thead>
<tbody>
<tr>
<td>2</td>
<td><strong>Open your mind &amp; open your eye:</strong> SOppportunity to visit various ART centers and laboratories in different regions to broaden your horizon in the field of reproductive medicine.</td>
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<tr>
<td>3</td>
<td>Provide most up-to-date knowledge and technology information.</td>
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</tbody>
</table>
| 4 | For non-local students, teaching schedule was specially designed as below:  
**On-campus class:** 3 times/year (3-4 consecutive days at weekend)  
**Online class:** Usually at weekends |
| 5 | Currently the only postgraduate taught programme in Reproductive Medicine and Clinical Embryology in Hong Kong. |
| 6 | Prepare for the international examination to achieve the certification of clinical embryologists (optional workshop). |
| 7 | Intensive hands-on practice approach with the aim of developing skills in clinical embryology (optional practical training). |

### Programme Structure

The Master of Science in Reproductive Medicine and Clinical Embryology is part time modular course comprising 5 terms totally in 2 years (total 30 units).

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
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<tbody>
<tr>
<td><strong>Year 1 Term 1 (Sept – Dec 2018)</strong></td>
<td></td>
</tr>
<tr>
<td>Reproductive Medicine &amp; Assisted Reproductive Technology – Overview part</td>
<td>2</td>
</tr>
<tr>
<td>Cell Biology and Molecular Biology</td>
<td>1</td>
</tr>
<tr>
<td>Basic Clinical Embryology</td>
<td>2</td>
</tr>
<tr>
<td><strong>Term 2 (Jan – Apr 2019)</strong></td>
<td></td>
</tr>
<tr>
<td>IVF Equipment: Selection, Application and Maintenance</td>
<td>2</td>
</tr>
<tr>
<td>Andrology</td>
<td>3</td>
</tr>
<tr>
<td><strong>Summer Term (May – Aug 2019)</strong></td>
<td></td>
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<tr>
<td>Advanced Clinical Embryology</td>
<td>5</td>
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<tr>
<td><strong>Term 1 (Sept – Dec 2019)</strong></td>
<td></td>
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<tr>
<td>Reproductive Medicine &amp; Assisted Reproductive Technology – Clinical part</td>
<td>2</td>
</tr>
<tr>
<td>IVF Laboratory Design</td>
<td>1</td>
</tr>
<tr>
<td>Genetics in Reproductive Medicine</td>
<td>2</td>
</tr>
<tr>
<td>IVF Laboratory Management and Communication</td>
<td>1</td>
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<tr>
<td><strong>Term 2 (Jan – Apr 2020)</strong></td>
<td></td>
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<tr>
<td>Research Methodology 2</td>
<td>2</td>
</tr>
<tr>
<td>Clinical Issues and Controversies in ART</td>
<td>1</td>
</tr>
<tr>
<td>Field Trip (Non-local IVF Center visit)</td>
<td>1</td>
</tr>
<tr>
<td>Literature review</td>
<td>5</td>
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</tbody>
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### Admission Details

#### Target Students

This course is designed for:
1. Healthcare professionals who are managing couples with reproductive problems;
2. Laboratorial professionals who are working on clinical embryology and clinical andrology;
3. Applicants with life science background, who would like to develop their career as clinical embryologist;
4. Researchers who are working in this field or who want to further your studies in ART;
5. Applicants who are working to ART productrelated companies or marketing.
Admission Requirements
In addition to the general requirements of the CUHK Graduate School, applicants should have medical / nursing / laboratory science / life science related degree.

Tuition Fee (whole programme)
HK$148,000 (not include optional courses)

Optional courses
1. Intensive Hands-on training in clinical embryology;
2. Preparatory Course for International Examination in Clinical Embryology.

Application & Enquiry

Application Procedures
By online application, please visit the Graduate School website at http://www2.cuhk.edu.hk/gss/
Application Fee for admission: HK$300

Contact Us
Miss Clara Lau
Tel: (852) 3505 1535 Fax: (852) 2636 0008
Email: clarayyl@cuhk.edu.hk

Application Deadline
1st round: 31 January 2018
Final round: 30 April 2018

Department of Obstetrics and Gynaecology
The Chinese University of Hong Kong
1/F, Block E, Prince of Wales Hospital, Shatin
http://www.obg.cuhk.edu.hk

Request for Course Information
If you wish to receive a copy of the prospectus, please complete and return the reply slip below:

To: Department of Obstetrics and Gynaecology, The Chinese University of Hong Kong
(Email: clarayyl@cuhk.edu.hk / Fax: 2636 0008)
Please send me details and application materials of
Master of Science in
Reproductive Medicine and Clinical Embryology

Name: ________________________________
Tel: _________________________________
E-mail: ______________________________
Address: _____________________________
IN-VITRO FERTILIZATION REPORT 2016

In mid 2017, PERFITRI has succeeded in preparing and recapitulating the 2016 ART data in which had been reported by ART units. There are 28 ART units in Indonesia which had reported their ART data in 2016. It is noted that there are 7,699 ART cycles from the total ART of fresh cycle, frozen cycle and IVM (In Vitro Maturation). The most widely used ART type in 2016 was IVF with ICSI with cycle number of 6,102 cycles.

<table>
<thead>
<tr>
<th>Type of ART</th>
<th>Fresh Cycle</th>
<th>Frozen Cycle</th>
<th>IVM</th>
<th>Total</th>
</tr>
</thead>
<tbody>
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<td>IVF with ICSI</td>
<td>4712</td>
<td>1334</td>
<td>56</td>
<td>6102</td>
</tr>
<tr>
<td>IVF with natural cycle</td>
<td>293</td>
<td>14</td>
<td>0</td>
<td>307</td>
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<tr>
<td>combination</td>
<td>22</td>
<td>5</td>
<td>0</td>
<td>27</td>
</tr>
<tr>
<td>IVF with IMSI</td>
<td>658</td>
<td>188</td>
<td>0</td>
<td>846</td>
</tr>
<tr>
<td>Other</td>
<td>48</td>
<td>0</td>
<td>0</td>
<td>48</td>
</tr>
<tr>
<td>IVF Cancelation</td>
<td>192</td>
<td>10</td>
<td>0</td>
<td>202</td>
</tr>
<tr>
<td>IVF without OPU</td>
<td>42</td>
<td>0</td>
<td>0</td>
<td>42</td>
</tr>
<tr>
<td>IVF without oocyte</td>
<td>118</td>
<td>0</td>
<td>0</td>
<td>118</td>
</tr>
<tr>
<td>IVF without sperm</td>
<td>7</td>
<td>0</td>
<td>0</td>
<td>7</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>6092</strong></td>
<td><strong>1551</strong></td>
<td><strong>1551</strong></td>
<td><strong>7699</strong></td>
</tr>
</tbody>
</table>

The number of cycles with a pregnancy is 2,191 cycles, consisting of a single pregnancy of 84.07%; double pregnancy of 13.92% and triplet pregnancy or more by 2.01%. The three (3) ART units which have the highest number of cycles in 2016 are Morula IVF Jakarta (2,306 cycles), RSIA Ferina Surabaya (1,239 cycles) and Halim...
Fertility Center, Medan (557 cycles). The number of women used the ART services the most was women under the age of 35 years with a percentage of 49.01% (3,773 cycles) of the total reported ART cycle. The ART action in azoospermia patients in 2016 was divided into 2 groups namely percutaneous epididymal sperm aspiration (PESA) with 195 patients and MESA / TESE (microepididymal sperm aspiration / testicular sperm extraction) with 155 patients. The three highest percentages of diagnostic indications of patients using ART services in 2016 were male factor of 22.81%, multiple factors (female and male) of 17.42% and unexplained cause by 15%. It was reported that there are two negative effects experienced by ART service users: 82 people suffering from OHSS and 1 person suffering from infection / bleeding.

The 5th PERFITRI CAMPUS & COORDINATION MEETING

The 2nd PERFITRI Campus and the 5th PERFITRI coordination meeting took place on 5 August, 2017 at Four Points Sheraton Hotel, Makassar. Led by Dr. dr. Binarwan Halim, M.Ked (OG), SpOG (K), FICS as the moderator, the 2nd PERFITRI Campus was attended by 48 people consisting of obstetric and gynecology clinicians, embryologist and PERFITRI’s board. The first speaker was Prof. Dr. dr. Budi Santoso, SpOG (K), continued by Dr. dr. Budi Wiweko, SpOG (K), MPH, dr. Ivan R. Sini, SpOG, GDRM, MMIS, FRANZCOG, and the last speaker was Prof. Arief Boediono, PhD. The 2nd PERFITRI
3rd JAKARTA INFERTILITY UPDATE 2017

The 3rd Jakarta Infertility Update 2017 (3rd JAK IN U 2017) was held between 8-10 December 2017 at Indonesian Medical Education and Research Institute (IMERI) Building, Jakarta, Indonesia. There were about 326 participants including ART specialists, embryologists and paramedical personnel. This event was designed to provide an innovative and comprehensive overview of the latest research and development in endocrinology and reproduction, also to train local general practitioners on how to manage infertility in primary and secondary care level. A lively interactive ultrasound and IUI workshop session made the participants clear in understanding of how to manage infertility in primary and secondary care level.

We invited international speakers to this conference to share their latest researches and experiences to the participants. Prof. Chih-Feng Yen (Taiwan) delivered the keynote lecture with the topic of “The Role of Adenomyosis in Subfertility” and Dr. Kazuhiro Kawamura (Japan) delivered the keynote lecture with the topic of “Clinical Management of POI and The Role of In Vitro Activation”. Participant were also enriched with Dr. Suphakde Julavijitphong (Thailand) experiences in luteal phase suppo in IVF. We also invited ISUOG member speakers, Prof Stefano Guerriero (Italy), Dr. Nelinda Catherine (Phillipines) and Dr. Azen Salim (Indonesia), for the live interactive USG workshop. To give better perspective, local speakers were also give their experiences in managing infertility in Indonesia especially.
News from Thai Society of Reproductive Medicine (TSRM)

The Annual meeting of Thai Society of Reproductive Medicine (TSRM) 2017 was held on 10 November 2017 at The Landmark Hotel, Bangkok, THAILAND. There were about 300 participants including ART specialists and embryologists attending this meeting. This meeting aimed to discuss and share the experiences of ART practice between the members of TSRM.

Content of the meeting

“All about ET” by Prof. Nares Sukcharoen (President of TSRM)

“Impact of new Thai ART regulation” by Dr. Thongchai (Deputy Director Department of Health Service Support, Ministry of Health) and Prof. Somboon Kunathikom

ART interesting case discussion by ART teams from Siriraj Hospital Mahidol University, Ramathibodi Hospital Mahidol University and Chulalongkorn University.

The academic activities will be organized regularly. The next scientific meeting will be 23st Thai Society of Reproductive Medicine (TSRM) Annual Scientific Meeting 2017 between 14-16 March 2018 at The Landmark Hotel, Bangkok, Thailand. Onsite registration is available (Registration fee : 350 USD). Detailed information can be accessed from http://www.thaisrm.com. Contact E-mail address: Sukcharoen@yahoo.com
Philippine Report

PSRM Midyear Convention 2017 by Dr. Madonna Domingo, Dr. Regina Tan-Espiritu
PSRM Annual Convention 2017 by Dr. Madonna Domingo and Dr. Regina Tan-Espiritu
PSRM Outreach Program 2017 by Dr. Marinella Abat and Dr. Regina Tan-Espiritu

2017 PSRM INTERESTING PAPER CONTEST by Dr. Regina Tan-Espiritu and Ms. Sarah David
An ART-filled Christmas by Dr. Marinella Agnes Abat

Projects:
PSRM Clinical Practice Guidelines on Uterine Leiomyoma 2017 by Dr. Ina Irabon
The PSRM Presents: The 2017 Clinical Practice Guideline for Uterine Leiomyoma by Dr. Ina Irabon.

The PSRM ART Regulatory Board Project
PSRM 2016 Guidelines one of the Ethics & Practice of ART & IUI
IT IS A WRAP!

Implantation remains the biggest hurdle to pregnancy in ART cycles and is the most difficult aspect of pregnancy to assess and treat. Furthermore, miscarriage after fertility treatment is devastating for couples who require additional support and care. Clinicians have to navigate the myriad of novel and uncertain diagnostic tests and therapies requested by patients who are desperately struggling to achieve an ongoing pregnancy.

The 4th Aspire Masterclass was a 2-days programme designed to the theme “Enhancement of Embryo Implantation”. It was held in the capital of Thailand- Bangkok, from 25 – 26 January 2018 at The Sukosol Hotel.

The scientific programme was packed with informative lectures on topics such as Biology of Receptivity, Diagnosing Implantation Abnormalities, If Medical Treatments Improve Implantation, Altering the Intrauterine Environment, Endometrial and Uterine Disease, Miscarriage after IVF and Future Directions. The participants at the masterclass were wonderful in participating in discussions and have plenty of interaction opportunities with our invited experts.

The masterclass was attended by 92 participants from Australia, Bangladesh, China, Hong Kong, India, Indonesia, South Korea, Malaysia, Philippines, Singapore, Taiwan, Thailand and Vietnam.

We were honoured to have international experts – Assoc. Prof. Louise Hull (Australia), Prof. Asgi Faselabas (United Kingdom), Prof. Neil Johnson (New Zealand), Prof. Ying Cheong (United Kingdom), Dr. Xavier Santamaria (Spain), Prof. Guiying Nie (Australia), Dr. Keiji Kuroda (Japan), Dr. Bruce Lessey (USA) and two local experts – Prof. Nares Sukcharoen and Prof. Suphalade Julavitphong, join us at the masterclass as they discuss research and share their experience with the community of enthusiastic colleagues.

Aspire would like to thank all participants and invited experts for joining us at this masterclass and making it a wonderful success! Special thanks to Thai Society for Reproductive Medicine (TSRM) and Guerbet for providing support to this masterclass.
It gives us immense pleasure to share with you that ASPIRE Bangladesh chapter has arranged a day long scientific meeting with interactive session under the umbrella of ASPIRE on 26th February 27, 2018, Dhaka, Bangladesh. Dr. Budi Wiweko, President Elect, ASPIRE was present as special guest.

At first Dr. Nusrat Mahmud welcome the guest and introduce ASPIRE among the audience. Dr. Budi Wiweko and Prof. Dr. Rashida Begum were the main speaker in the scientific session.

Dr. Budi talked on Unexplained Infertility, How to deal with aging female and AMH. His invention IKO calculator was revolutionary and local physicians showed interest.

Prof. Rashida Begum has given talk on Individualization of COS to optimize success and Enhancement of implantation by optimizing endometrial bed.

There were two sessions with interaction with the audience – PCOS and Endometriosis. Interactive sessions were much appreciated.

PCOS session was moderate by Prof. Rashida Begum and it was scenario based. Enthusiastic participants were enlightened by this interactive session.

Endometriosis session was moderate by Dr. Nusrat Mahmud. There were lots of debate regarding the treatment options of endometriosis among the participants. Senior faculty members and also mid level specialist were among the panel of experts. Meeting was much appreciated among the practicing specialists.

Aspire has gain its popularity in this part of the world. This time with membership drive by the country representative about 65 members are registered as ASPIRE members from Bangladesh.

Around 45 members has been already registered for the upcoming 8th ASPIRE meeting in Taiwan.

The bilateral cooperation between ASPIRE and Fertility and Sterility Society of Bangladesh is remarkable.
Vitrification technology brought many flexibility of IVF protocols. In Taiwan, we’ve obtained stable high survival rate, therefore “frozen embryo transfer” sharply increased recently. In TSRM CME hold in Jan., we reviewed the latest published evidences to understand more about how to prepare endometrium in FET cycle. Besides that, “random-start” in ovarian stimulation is another modified protocol with vitrification technology. Hopefully,

we could treat each patient with the most optimized protocol to reduce time to live birth.

Besides vitrification, PGS/PGT-A is also a hot topic with controversial opinions. PGS to prevent transfer of embryos diagnosed as aneuploid has been reported to improve implantation rates per transferred embryo and to lower miscarriage rates in patients undergoing IVF. However, prospectively randomized studies have not shown improved live birth rate per started IVF cycles with PGS. In the 6th Taiwan Life Conference hold in Mar., we invited Dr. Ernesto Bosch and Dr. Norbert Gleicher to share the latest and cutting-edge information on PGS with different perspectives.

Our vision is to bring together the brightest minds in the field of human reproduction and to provide a platform for exchanging invaluable real-world experiences to extend the boundaries of reproductive medicine. Adrianne Pope to share the latest and cutting-edge information on reproductive care to continuously achieve clinical success and reduce time to live birth. Other than presentations, the conference will undoubtedly provide opportunities for in-depth discussion to generate and stimulate ideas and insights on clinical practices.
There is an enormous variability on how IVM is defined and practiced worldwide. This variation is reflected in the types of patients recruited, the pre-treatment medication used, and the methods implemented in the embryology laboratory. While IVM is still considered a research technique for niche indications in Europe and the USA, there are important promoter centers in Vietnam, Australia, Belgium, Canada, Korea, Japan, etc. where significant expertise has been acquired over the years.

Many of our colleagues are not aware of the advances in immature oocyte biology and on the potential of IVM as a patient-friendly technique in ART. The culture improvements over the last few years have positively impacted the expectations of IVM as a safer technology than classical IVF in patients with an increased antral follicle count and AMH.

In the past decade, several thousands of IVM cycles have been conducted by our group in Ho Chi Minh City. Reasonable results have been recorded and thousands of children have been born here. Recently, new clinical and culture protocols have been applied. Embryological and clinical results have been improved substantially.

**PROGRAMME OUTLINE**

**27 – 28 SEPTEMBER 2018**

The two days masterclass comprises of Scientific Lectures, Round Table Discussions, Video Demonstrations and Meet the Expert sessions will cover:

- To highlight the biology of small follicle’s immature oocytes
- To analyze the pros and cons of different pre-treatment methods
- To be aware of the current validated culture methods for IVM in the embryology lab
- To discuss actual results in terms of live-birth and safety of IVM
- To take a critical discussion about the position that IVM could take in ART program.

**29 SEPTEMBER 2018 – Live IVM Workshop**

A one day visit to the local IVFMD Clinic offered to a limited group of attendees who will be able to observe the clinical and laboratory live demonstrations; cases discussion with the local team. *Limited Seats Available. Workshop only accepts a maximum of 8 Clinicians and 8 Embryologists.

**INVITED SPEAKERS**

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<th>Speaker Name</th>
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<tr>
<td>Vuong Thi Ngoc Lan</td>
<td>Vietnam</td>
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<td>Ho Mannh Tuan</td>
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<tr>
<td>Rob Gilchrist</td>
<td>UNSW, Australia</td>
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<td>Johan Smits</td>
<td>UZ/IVF, Belgium</td>
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<td>La Hoang Anh</td>
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For Full Programme and Registration information, visit www.aspire-reproduction.org/aspire-masterclass