

**Branch: Japan**  
**Director: Ritsuko Pooh**  
**Past director: Kazuo Maeda**  
**Established: Year 1998**

Short history of the schools of Annual meeting (Basic course) and Advanced courses held in Japan:

#### ANNUAL MEETINGS

No.	Name	Year	Place	Organizer	No. of Participants	No. of Lecturers
1 <sup>st</sup>	ID course	1998	Fukuoka	H. Nakano	170	22
2 <sup>nd</sup>	ID course	2000	Tokyo	H. Takeuchi	200	29
3 <sup>rd</sup>	ID course	2001	Yuzawa	Y. Chiba	200	31
4 <sup>th</sup>	ID course	2002	Nagoya	I. Kawabata	220	30
5 <sup>th</sup>	ID course	2003	Sendai	M. Okamura	180	27
6 <sup>th</sup>	ID course	2004	Fukuoka	Y. Chiba	600	19
7 <sup>th</sup>	ID course	2005	Himeji	N. Akamatsu	130	21
8 <sup>th</sup>	ID course	2006	Kagawa	RK Pooh	107	26
9 <sup>th</sup>	ID course	2007	Tokyo	T. Okai	200	16
10 <sup>th</sup>	ID course	2008	Saitama	K. Baba	100	27
11 <sup>th</sup>	ID course	2009	Oita	S. Satoh	120	

#### ADVANCED COURSES

No.	Name	Year	Place	Organizer	No. of Participants	No. of Lecturers
1 <sup>st</sup>	ID advanced course	2008	Osaka	R.K. Pooh	217	19
2 <sup>nd</sup>	ID advanced course	2009	Osaka	R.K. Pooh	251	26
3 <sup>rd</sup>	ID theoretical and practical seminar	2009	Osaka	R.K. Pooh	35	15

### **Some details of each courses:**

No. 1: July 10-11, 1998, Fukuoka, organized by Nakano. Special lectures; A Kurjak and I Timor. It was 23<sup>rd</sup> “Ian Donald” Inter-University School of Medical Ultrasound course.

No. 2: June 17-18, 2000, Tokyo, by Takeuchi. Special lecture; A Kurjak

No. 3: April 1-3, 2001, Yuzawa, by Chiba. Special lecture; A Kurjak

No. 4: October 26-27, 2002. Nagoya, by Kawabata. Special lectures; A Kurjak and FA Chervenak

No. 5: November 29-30, 2003. Sendai, by Okamura. Special lecture; A Kurjak

No. 6: April 23-25, 2004. Fukuoka, by Chiba. Special lecture; A. Kurjak

No. 7: October 22-23, 2005. Himeji, by Akamatsu. Special lecture; A. Kurjak

No. 8: November 18-19, 2006. Kagawa, at Donald School Training Center, by Pooh. Special lectures; A Kurjak, FA Chervenak, SJ Yoo and K Shiota. Live technical demonstrations.

No.9: June 2, 2007, Tokyo, organized by T. Okai, Special lectures; Kim Jong, Jin-Chung Shih

No. 10: November 2-3, 2008. Kawagoe, organized by K. Baba. Special lecture: A. Kurjak

1<sup>st</sup> Advanced Course, January 13-14, 2008. Osaka by Pooh, Special lectures; TK Lau, K Nicolaides (video conference)

2<sup>nd</sup> Advanced Course, February 7-8, 2008. Osaka by R. K. Pooh. Special lectures: Jin-Chung Shih, I. Meizner.

First trimester scan (NT) Theoretical and Practical Seminar, February 21-23, 2009. Osaka organized by R.K. Pooh. Lectures and Demo scan, Hands on: T.K. Lau and R.K. Pooh

#### **1. Basic Ultrasound course**

Beginning in 1998, Ian Donald Japan has held basic ultrasound course in many places of Japan on an annual basis. As only a few educational seminars on medical ultrasound has been held in Japan, the Ian Donald school's basic courses have been a very useful and fruitful opportunity to acquire up-to-date knowledge of clinical ultrasound for obstetricians, gynecologists and examiners. Japanese specialists Prof. Asim Kurjak has attended all of the courses every year and given his special lectures. Other foreign lecturers, Prof. Frank Chervenak, Prof. Ilan Timor-Tristch, Prof. Shi-Joon Yoo, Dr. Kim Jong, Dr. Jin-Chung Shih visited the courses as foreign guests and gave their special lectures.

#### **2. Advanced Ultrasound course**

On January 13<sup>th</sup> and 14<sup>th</sup> of 2008, the 1<sup>st</sup> advanced course of Ian Donald Japan was held in Osaka by Dr. Pooh. The main topics of the course were NT and Fetal Brain. 217 participants attended the course. On the first day, theoretical course on NT and First Trimester Scan of FMF (Fetal Medicine Foundation) was held. Prof. TK Lau

from Hong Kong and Dr. Pooh gave 16 lectures on NT and Prof. K. Nicolaides gave his passionate lecture from London on the video conference. On the second day, 16 Japanese lecturers including Prof. Maeda, Prof. Shiota, Dr. Pooh, pediatric neurologist, pediatric neurosurgeons and genetic counselors gathered and gave special lectures on the fetal brain. Live scan demonstration of the fetal brain and basic examination by transabdominal ultrasound was held by Dr. Ichizuka. Fetal neurosonography by transvaginal ultrasound was held by Dr. Pooh.

In February and March of 2008, two practical courses on the first trimester scan of FMF were held at the CRIFM PMC (International Ian Donald educational center) by Prof. TK Lau from Hong Kong and Dr. Pooh.

The 2<sup>nd</sup> Advanced course of Ian Donald Japan was held in Osaka by Dr. Pooh. The course concentrated on Fetal brain, Heart and Skeletal diseases. Live scan demonstration of transabdominal and transvaginal ultrasound was done by Dr. I. Meizner, Dr. Maeno, Dr. Murotsuki, Dr. Ichizuka and Dr. Pooh.

### 3. Review of courses

Many participants gathered in every course, because courses were distributed in seven cities in various districts in Japan, and the participants were enthusiastic to absorb new advanced medical ultrasound in obstetrics and gynecology. Domestic speakers worked hard at presenting new topics in lecture courses. Since many participants including sonographers and nurses were not very fluent in speaking English, lecturers were asked to present the topics in the Japanese language. Lecture slides were also prepared in Japanese. In order to understand the English speaking professors' lectures, side slides written in Japanese and projected. English slides with Japanese translation were also projected during the lectures. This strategy proved beneficial for all participants. While outside participation was limited, in the future, we hope to add more international guest lecturers. Modern knowledge of medical ultrasound was presented to participants through speeches and slide photos. Adding hands-on participation to the lectures would be beneficial to future learning. Finally, the current number of participants was appropriate, but with positive evaluations, more people will attend this conference in the future.

4. The number of Yellow Journal was initially subscribed by 10 doctors. The reason of the limited number may be because of the language barrier. However, the number of subscribers has been increased recently.

5. Comments: First of all the Ian Donald Interuniversity School has greatly contributed to the postgraduate education of medical ultrasound in Japan. The Japanese branch would like to extend their appreciation to the Ian Donald School Directors for their participation as guest lecturers.

6. The future: The Ian Donald Interuniversity School will strive to progress in the world of postgraduate education of medical ultrasound. The Ian Donald School

continues to grow as evident by the number of new branches in the world. The teachings of each Ian Donald branch are uniform in offering tele-education, tele-demonstration and hands-on education. Electronic publication will be common place with Ian Donald textbooks in the future. It will be a down-load pay-system and DVD books.

**Ritsuko K. Pooh, MD, PhD**  
Osaka, Japan

**Address:**

Clinical Research Institute of Fetal Medicine (CRIFM)  
Perinatal Medicine Clinic (PMC)  
Osaka, Japan  
E-mail: [rkpooh@guitar.ocn.ne.jp](mailto:rkpooh@guitar.ocn.ne.jp)

**Education:**

- LL.B (Bachelor of Laws) in the Department of Law, Keio University, Tokyo, Japan, 1983
- M.D. in the School of Medicine, Tokushima University, Tokushima, Japan, 1990
- Ph.D. in the School of Medicine, Tokushima University, Tokushima, Japan, 1999
- Residency in Tokushima University, 1990-1991
- Fellowship in Tokushima Municipal Hospital, 1991-1993, Kochi Municipal Hospital, 1993-1995, Tokushima University Hospital, 1995-1997, National Zentsuji Hospital, Clinical Research Institute, 1997-2000
- Director of the Department of Perinatology, Taijukai-Kaisei General Hospital, 2000-2003
- Director of Division of Maternal Fetal Medicine, Center for Maternal, Fetal and Neonatal Medicine, Kagawa National Children's Hospital, 2003-2006

**Present position:**

- President, Clinical Research Institute of Fetal Medicine (CRIFM) and Perinatal Medicine Clinic (PMC), 2006
- Visiting Professor of Cornell University, New York, 2006
- Secretary General, Japanese Branch, Ian Donald Inter-University School of Medical Ultrasound, 2006
- Director, Advanced Training Center, Ian Donald Inter-University School of

Medical Ultrasound, 2006

**Research interests:**

- Fetal Ultrasound
- Fetal central nervous system
- Neurosonography
- Sonoembryology

**Awards, honors, achievements:**

- Society board: The Fetus as a Patient
- Japanese Perinatal Neonatal Society
- Japanese Biomedical Engineering Society in Obstetrics and Gynecology
- Ian Donald Inter-University School of Medical Ultrasound (Japanese Branch Secretary General, International lecturer)
- World Association of Perinatal Medicine (Educational Committee)
- Editorial Board: Co-Editor of Donald School Journal of Ultrasound in Obstetrics and Gynecology
- Editorial Board of the Journal of Perinatal Medicine, Taiwan Journal of Obstetrics and Gynecology and Perinatal Journal
- International Academy of Perinatal Medicine; Associate Fellow 2008

**Kazuo Maeda, MD, PhD**

Professor

Tottori University

Yonago, Japan

Address:

Nadamachi 3-125

Yonago 683-0835 Japan.

FAX: 81-859-22-6856

E-mail: [maedak@mocha.ocn.ne.jp](mailto:maedak@mocha.ocn.ne.jp)

**Education:**

- Kyushu Imperial University Faculty of Medicine, 1947.

**Chairman Professor:**

- Department of Obstetrics and Gynecology, Tottori University, 1968-1989.

### **Specialty & Research:**

- Obstetrics & Gynecology
- Perinatology
- Medical Ultrasound
- Ultrasound safety
- Fetal monitoring
- Computerized FHR evaluation,
- Fetal behavior
- Actocardiogram
- Trophoblastic disease

### **Society President:**

- Japan Societies of Perinatology, 1983 and Neonatology, 1987
- Society of Computers in the Care of the Mother, Fetus and Newborn, 1989
- Federation of Asia-Oceania Perinatal Societies, 1992-1994

### **Congress President:**

- The 4<sup>th</sup> Congress Federation of Asia-Oceania Perinatal Societies, Tokyo, 1986
- The 3<sup>rd</sup> Congress The Fetus As a Patient, Matsue, 1987
- The 2nd Congress Computers Care of Mother Fetus and Newborn, Kyoto, 1989
- The 5th World Congress Ultrasound in Obstetrics and Gynecology, Kyoto, 1995

### **International Societies:**

- The International Society The Fetus As A Patient Board
- WAPM Developing Country Committee; Past Coordinator
- WAPM & The Fetus as a Patient Society History Committee; Chairman
- AIUM; Fellow
- Federation of Asia Oceania Perinatal Societies; Fellow
- International Academy of Perinatal Medicine; Regular Fellow
- Ian Donald Interuniversity School of Ultrasound; Co-Director and Japanese branch Director

### **Inventions:**

- Computerized FHR evaluation
- Automatic labor induction
- Actocardiogram
- Ultrasonic tissue characterization
- Fetal systolic time interval

**Awards:**

- Japanese Order of Sun Rise
- Yugoslavian Order of Golden Coronet
- William-Liley medal
- Ian Donald medals

**Publications:**

- 25 Books in English
- 200 international lectures