



# ECHOES

WORLD FEDERATION FOR ULTRASOUND IN MEDICINE AND BIOLOGY

## WFUMB 2006 SEOUL

Better World with Ultrasound

May 28 - June 1, 2006  
COEX, Seoul, Korea

11th Congress of the  
World Federation for Ultrasound  
in Medicine and Biology

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## Note from the Editor



Dear WFUMB members and other readers of ECHOES:

The activities of WFUMB are constantly increasing. It is great to see that

many WFUMB initiatives and new ideas are growing under the headline: promotion of high quality medical ultrasound around the world.

Under the leadership of the WFUMB President, Dr. Marvin C. Ziskin, many ideas have been created, and enthusiastic officers of WFUMB have been given room for their ideas. With skill and engagement various idealistic dreams have been brought to practice for a better world wide ultrasound.

It is easy to understand why the organizers of the next World congress in Ultrasound, the "WFUMB 2006" in Seoul, Korea have chosen the theme: "Better World with Ultrasound".

The 11th World Congress in Seoul May 28 – June 1, 2006 will no doubt be successful. A better ultrasound world is ahead. All with interest in Medical Ultrasound can look forward to an unforgettable event in May/June in Korea.

As always, please contact the Editor of ECHOES (address on the back) if you have questions, suggestions or ideas to be published or discussed in ECHOES. Any initiative is utmost welcome to be sent to me.

*Søren Hancke*

## Message from the President



Dear WFUMB Members:

The WFUMB Executive Council consists of Officers of WFUMB. The last Executive Council Meeting was in Panama City, Panama on

February 6, 2005. Panama City was chosen because it is safe, inexpensive and convenient to reach by air. A number of items were discussed and important decisions were made. The complete minutes of the meeting will be made available on our web site.

The records of WFUMB for the past five years are in electronic form. Earlier records exist only on paper and are subject to being lost or destroyed. Therefore, we have decided to scan all important past documents and save them in electronic form. This will permit anyone who wishes to explore the past history of WFUMB.

WFUMB continues to provide ultrasound education throughout the world, with special emphasis for training physicians in the less developed countries.

A WFUMB Training of Trainers Workshop was held in Beijing, China last November, and there will be a meeting in June, 2005 in Guayana, Venezuela. A new WFUMB Center of Excellence has been set up in Caracas, Venezuela.

The WFUMB has a close relation with the World Health Organization (WHO) and cooperates in several joint programs. One will be a joint session on Education in Developing Countries to be held at the EUROSON 2005 meeting this September in Geneva, Switzerland. Another activity is the publication of a textbook on the use of Ultrasound in Tropical Diseases, edited by Harald Lutz and Hassen Gharbi. This is an excellent book and should be of much help in developing countries where tropical diseases are endemic.

The American Institute for Ultrasound in Medicine (AIUM) will be holding its 50th Anniversary Meeting this June in Orlando, Florida. WFUMB offers its congratulations

and well wishes for the future.

The WFUMB Safety Committee will hold a meeting on the Safety of Contrast Agents in Diagnostic Ultrasound in May, 2005 in Vancouver, Canada. This meeting will be in conjunction with the annual meeting of the American Acoustical Society, in which Wesley L. Nyborg, Ph.D. will be honored in a special day long session.

Once again, I welcome you to contact me or any other officer to express your concerns and suggests for improving WFUMB. We sincerely wish WFUMB to be the finest organization that it can be.

The next Full WFUMB Council Meeting will be on October 10 – 11, 2005 in Santiago, Chile in conjunction with the annual FLAUS meeting.

*Marvin C. Ziskin, M.D.*  
WFUMB President

## Message from the Secretary



I am pleased to have been asked to contribute an article to this issue of ECHOES. Official newsletters play an important role in distributing up-to-date information and allow a

good opportunity to advise members of links to the activities of other related organizations. They also provide the essential "public face" of the organization. In this regard, I believe that it is essential that "ECHOES" develops its own recognizable style. I would like to take this opportunity to congratulate Dr. Søren Hancke for his efforts as editor of both the ECHOES newsletter and the WFUMB website.

Many of the activities of the WFUMB are undertaken by the voluntary efforts of interest groups, or committees. The primary objective is to promote high standards of practice in the application of diagnostic ultrasound and to encourage co-operation and support for developing regions. After

years of planning, the WFUMB is putting into practice a number of initiatives, particularly in education in developing or poorer economies. The WFUMB has made a commitment to assist through joint ventures, sponsorship of Centers of Excellence (COE), educational activities and collaborative efforts. The WFUMB is a member of the World Health Organization (WHO) Global Steering Group for Education and Training in Diagnostic Imaging. One of the major challenges is to find a way to provide ongoing support and infrastructure that can be sustained in the long-term.

Meanwhile, the WFUMB has also independently established educational activities in some poorer economic areas and, through collaboration with recognized existing entities, established the so-called Centers of Excellence (COE). The first WFUMB COE officially opened in Bangladesh in February 2004. Dr. Kanu Bala, Bangladesh Institute of Ultrasound in Medicine and Research, has worked hard to promote standards of practice in his country and is the primary link in this WFUMB initiative. The 2nd WFUMB COE was established in June 2004 in Kampala, Uganda in collaboration with the Uganda Society for Sonography. This year WFUMB approved a COE in Latin America following the continuing enthusiastic promotion of ultrasound education by Dr. Leandro Fernandez through his Institute of Advanced Echography, Caracas and with support from Dr. Pedro Unshelm, President of the Venezuelan Society of Ultrasound. The official opening ceremony will occur in Caracas, Venezuela and will be followed by the first Latin American WFUMB COE workshop in Ciudad Guayana, Venezuela on 23rd -25th June 2005.

In addition to establishing COE in the three regions, Asia, Africa and South America, WFUMB also offers opportunities for individuals to improve their ultrasound skills. The WFUMB Scholarship has been established to help improve skills and education, particularly for individuals from poorer economic areas. This allows individuals to train in a recognized overseas institution. There were three scholarships awarded in the year 2003 and

one awarded in 2004. A requirement is that candidates should identify an institute and project. It is expected that the duration of on-the-job training will be approximately three months. The conditions and requirements for application are displayed on the WFUMB website: [www.wfumb.org](http://www.wfumb.org)

**The WFUMB World Congress in Ultrasound** occurs every three years and is a major activity that takes many years of planning. Hence, the venue is decided by the WFUMB Council six years prior to the planned meeting. According to the WFUMB Constitution, each Affiliated Organization may be given the opportunity to host the World Congress following the submission of a comprehensive meeting plan. In recent years there has been competition for the opportunity to host the congress. It will soon be time for the Administrative Council to decide on the venue for the world congress for 2012, and I strongly encourage WFUMB Affiliated Organizations to seriously consider hosting this prestigious event in your part of the world. The next World Congress, WFUMB 2006 will be held in Seoul, Korea in only 12 months from now! The local organizing committee for the 2006 congress in Seoul has continued active promotion of the event, under the chairmanship of Dr. Byung In Choi. The 12th WFUMB World Congress, WFUMB 2009 will be held in Sydney in September 2009 and preparations are already under way to ensure a successful and memorable congress. As Convener of the WFUMB 2009 Congress, I encourage you to plan to attend these WFUMB congresses. I anticipate that these conferences will provide continuity to attract far wider interest in the rapidly developing Asia-Pacific region.

At the inception of the current Administrative Council in June 2003 the WFUMB established 12 committees to undertake various projects to enhance the practice of diagnostic ultrasound. Major activities include those of the Education Committee, the Safety Committee, and the Advisory Committee for COE and the Publications Committee. While these committee activities are usually presented in separate articles in ECHOES, I would like to make a comment

on an important issue for the Publications Committee. A major recent task has been to negotiate a contract for publication of the WFUMB official journal, **Ultrasound in Medicine and Biology**, and to find a replacement for the Editor-in-Chief, Prof. Peter N. T. Wells. Of course, it will be impossible to find a duplicate for such an erudite and charismatic individual as Peter N. T. Wells, but we are confident of finding an efficient and dedicated Editor-in-Chief to replace him when he retires at the end of 2006. I would like to take this opportunity, on behalf of the WFUMB Council, to offer sincere thanks to Peter N. T. Wells for his exemplary professional manner in handling the demanding responsibility as Editor-in-Chief of **Ultrasound in Medicine and Biology**. He is a true English Gentleman who has always treated journal reviewers and contributors with kindness and respect. During his term of office the impact factor of UMB has increased to the highest level for titles in Acoustics as ranked by Science Citation Index. The journal also now enjoys a strong position in the category of Radiology and Nuclear Medicine.

Since taking on the position of Secretary of WFUMB in June 2003, I have begun to realize the demands and responsibilities of such a role. I also now recognize the considerable amount of time and effort that is volunteered by members of the WFUMB Executive Council, the WFUMB Administrative Council and various co-opted members of Council. I am pleased to have the opportunity to work with and to develop friendships with this group of professionals from widely varying backgrounds and specialties.

*Stan Barnett, WFUMB Secretary*



## ■ World Health Organisation (WHO)

WFUMB is a Non-Government Organisation (NGO) in official relation with the World Health Organisation (WHO). WFUMB and WHO have for several years been collaborating on various education programs in order to organise and sponsor courses and work for the creation of Education Centres and education and reference material.

The official relation between WFUMB and WHO continues also via the so called "WHO Global Steering Group for Education and Training in Diagnostic Ultrasound".

Dr. H. Østensen, WHO, has recently issued an invitation to the WFUMB to nominate WFUMB representatives to the Steering Group at the next meeting to be held during the European Congress on Radiology (ECR) in Vienna, March 2005. WFUMB Vice President 1 and 2 and the WFUMB Secretary will attend the meeting of the WHO Global Steering Group in Vienna in March 2005. The WFUMB representatives will work for high quality education and training in global medical ultrasound and will recommend sufficient education and training programs within the frames of WHO.

*S. Hancke, Editor ECHOES*

## ■ WFUMB Centers of Excellence (WFUMB COE)



Because of an increasing demand for education and training for ultrasonic techniques in medical practice, WFUMB has, during the WFUMB Administrative Council Meeting held

in Montreal on May 31, 2003, decided to establish so called WFUMB Centers of Excellence (COE) at certain places in developing countries of the world.

The principal of a WFUMB Center of Excellence is: A recognized National Ultrasound Society affiliated with WFUMB shall organize a center at their responsibility, and WFUMB shall support a part of its expenses and personnel under the defined agreement. Based upon this concept, WFUMB has till now established three Centers of Excellence, one in Asia, one in Africa and one in Latin America.

The first Center of Excellence was realized in Dhaka, Bangladesh by a contract with the Bangladesh Society of Ultrasonography (BSU). The first workshop in Advanced Ultrasound was held on February 24-26, 2004, in BIAM Auditorium in Dhaka. This was followed by the second workshop for breast, renal and

prostatic ultrasound held on February 22-24, 2005 in the same place. Both events were very successful with a full audience.

The second WFUMB Center of Excellence was established in Kampala, Uganda by a contract with the Uganda Society of Ultrasound (UGASON). The first workshop was conducted on October 16-20, 2004 in Uganda. (See also under WFUMB Education Committee Report page 4-5).

The third WFUMB Center of Excellence was established in Caracas, Venezuela, by a contract with the Venezuela Society of Ultrasound. The first workshop in Venezuela has been scheduled on June 22-25, 2005 in Guayana, Venezuela.

The WFUMB Centers of Excellence have brought remarkable advantages to WFUMB as well as to national societies. WFUMB is able to encourage the educational intention in developing countries and the national societies are favorable to use the name of WFUMB for the prevalence of their activities. Further prosperity will be expected in this system in the future.

*Hiroki Watanabe, Chairman Advisory Board for WFUMB Center of Excellence*

## ■ WFUMB Education Committee Report



With a busy 2004 the Education Committee met in February (Quito, Ecuador during the WFUMB Council Meeting), in June (Zagreb, Croatia during the Euroson 2004), in October (Kampala, Uganda during the African Project Course) and in November (Beijing, China during the Asian project Course).

The WFUMB educational activities, the "African and Asian projects", which were launched on 2000, are being profitably continued. In

this context a new continental project, the Latin American Education Project, has just been started.

### ■ WFUMB African Education Project

A Course of the WFUMB African Education Project was held in Uganda on October 17-20, 2004. The theme of the course was "Integrating ultrasound into curative services". The local organizing committee was the excellent team of Mulago Hospital and Uganda Society of Ultrasound (UGASON) headed by Dr. Michael Kawoya .

As part of the activities was the official Launching of the WFUMB Centre of Excellence (COE) in Kampala Uganda.

Harald Lutz, Hassen Gharbi, and Elisabetta Buscarini were the WFUMB representatives. Prof. Harald Østensen, who is in charge of the World Health Organization (WHO) Imaging Department, attended the Course as well as the official launching of the WFUMB Center of Excellence together with local WHO representative. Course speakers came also from the neighboring countries namely



Attendees of the WFUMB African Educational Project Course, Kampala, October 2004



Official launching of the WFUMB Center of Excellence in Kampala, with Minister of Health, Uganda Government and Makerere University as well as WHO (prof. H. Østensen) and WFUMB representatives.

Kenya (Henry Wang, Arnold Rodrigues, Angeline Aywak), Tanzania (Helmut Deifenthal) and Rwanda (James Sennoga).

Attendance to the course was, as in the past editions in Kampala, ample and highly participatory (119 attendees from Uganda, Kenya, Tanzania, Zambia and Rwanda).

The occasion of launching the WFUMB Centre of Excellence was officiated upon by the Minister of Health of Uganda, Dr Jim K. Muhwezi. It was a momentous and joyous occasion crowning the long-standing efforts of the team of Mulago Hospital and Makerere University for ultrasound teaching in collaboration with WFUMB.

The next WFUMB African Educational Project course is scheduled in Zambia, fall 2005 or early in 2006.

**WFUMB Asian Education Project**

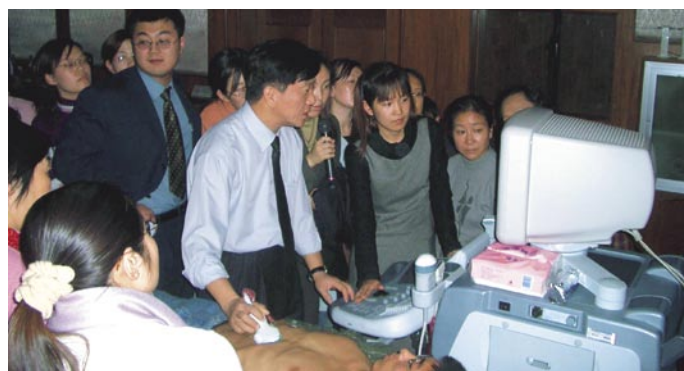
A WFUMB "Training for the Trainers Course" in Asia was held in Beijing, China, November 13-15, 2004 at the Peking Union Medical College Hospital in Beijing.

Eight faculty members conducted the program: Dr. Byung Ihn Choi, Dr. Elisabetta Buscarini and Dr. Masatoshi Kudo from WFUMB, together with Dr. Kittipong Vairojanavong, Dr. Seung Hyup Kim, and the local organizing team led by Dr. Yu-Xin Jiang, and including Dr. Bao-Wei Dong and Dr. Min-Hua Chen. Faculty members delivered twenty three lectures on different topics of ultrasound. They also conducted hands-on training. A total of 100 selected trainers from different training institutions and regions of China attended the three-day workshop. Since there was a clamor for expansion of capacity of participants for the workshop

among those who wished to attend, the organizing committee decided to open an observer ship status with the consent of WFUMB . A total of 141 participants were thereafter enrolled as observers for the workshop.

Closing Ceremonies were held on November 15th, 2004 at the Peking Union Medical College Hospital Audio Visual Room. A workshop banquet in conjunction with WFUMB night was held at the Jianguo Garden Hotel in the evening of November 15th, 2004. More than two hundred specialists including lecturers, local organizers and participants were attending. Dr Jiang announced the results of the evaluation questionnaire for the education program from the participants, which were very satisfactory.

The next Asian project Course is scheduled in Jakarta on January 26-29th, 2006.



Hands-on session during the WFUMB Asian Education Project Course, Beijing, China November 2004



A group of participants at the closing ceremony of the WFUMB Asian Education Project Course, Beijing, China November 2004



■ **WFUMB Latin American Education Project**

A new continental education project has just been launched in Latin America (see also under WFUMB Centers of Excellence P.4) The first WFUMB Latin American Education Project Course was held in Lima, Peru on March 10-13, 2005. The very successful meeting had 364 attendees. Speakers included the FLAUS President, FLAUS President Elected, FLAUS Secretary and two former Presidents of FLAUS, as well as speakers from Costa Rica, Venezuela, Ecuador, Puerto Rico and Argentina. Best congratulations to Dr. Leandro Fernandez and Dr. Giovanni G. Cerri for having started this effective educational project.

■ **WFUMB Scholarship**

Candidates selected for the WFUMB Scholarship 2004 are: Dr. N. Draman Assoa from Benin, Africa who has completed a stage in Tours, France, and Dr. Nasreen Sultana from Bangladesh, who is starting her stage in Caracas, Venezuela.

Revised and implemented rules for the WFUMB Scholarship have been published on the WFUMB web- site.



Dr. Assoa (WFUMB Scholarship 2004) and Prof. Tranquart I Tours, France

■ **WFUMB / WHO Collaboration**

The Global Steering Group for Education and Training in Diagnostic Imaging Meeting was held in Vienna March 7th , 2005 upon invitation of Dr. Harald Østensen from WHO. Dr. H. Lutz attended as a WFUMB representative and presented the WFUMB educational policy and activities. Additionally he has proposed the creation of a network of information on educational activities in the context of the Global Steering Group (see above).

It is thanks to the joint competence and creativity of the Education Committee members Byung Choi, Leandro Fernandez, Hassen Gharbi, Harald Lutz, Hiroki Watanabe, and to the support and advice of all WFUMB Board members that it was possible to elaborate all activities, meetings and future plans. Our grateful acknowledgement goes to the above and to the local teams with whom we have had the opportunity to work together all around the world for education in medical ultrasound.

*Elisabetta Buscarini, Chairman of the WFUMB Education Committee.*

■ **From the Public Relations Committee**

In connection with the recently held WFUMB Executive Council Meeting in Panama the chairman of the Public Relations Committee, S. Hancke went to Guatemala to meet colleagues with potential interest in the formation of a Guatemalan Society of Medical Ultrasound.

A meeting with Dr. Juan Francisco de Leon, Past President of Guatemalan Association of OB-Gyn, Past President of Central American Federation of OB-Gyn and member of the American College of OB-Gyn, with Dr. Armando Zamora, President-elect of Radiology Association of Guatemala and with the President of FLAUS, Dr. Miguel Angel Jimenez Taboada, Mexico was established resulting in most valuable bilateral information.

The meeting was not only very informative but seems also to be constructive for the creation of a National Guatemalan Ultrasound Society. Through such sonologists, sonographers and others with interest in Medical Ultrasound may join the FLAUS and via this membership join the WFUMB. I would like to thank the above mentioned colleagues for their great hospitality and professional enthusiasm and express my sincere hope for a fruitful outcome of a Guatemalan Society of Medical Ultrasound.

*S. Hancke,  
Chairman Public Relations Committee*



Dr. Armando Zamora, Dr. J. Francisco de Leon and Dr. Miguel Angel Jimenez, during the meeting in Guatemala.



## WFUMB 2006

The 11th Congress of the World Federation for Ultrasound in Medicine and Biology, the WFUMB 2006, will take place in Seoul May 28th to June 1st.

All with interest in medical ultrasound have a lot to look forward to in the year to come:

The 11th Congress of the World Federation for Ultrasound in Medicine and Biology, the WFUMB 2006, will take place in Seoul May 28th to June 1st.

The Congress is organized by the Korean Society of Ultrasound in Medicine, the Korean Society of Ultrasound in Obstetrics and Gynecology and the Korean Society of Echocardiography. And it is supported by the Korean Radiological Society, the Korean Society of Obstetrics and Gynecology and the Korean Society of Circulation.

The organizers, headed by Prof. Byung Ihn Choi, WFUMB Vice- President I, expect about 3000 participants from about 50 different countries. A large number of invited international top physicians, scientists and speakers and other colleagues will present the latest news in all topics within medical ultrasound. There will be a great technical exhibition and a magnificent social program will be arranged.

The theme of the congress is: Better World with Ultrasound.

So, remember this great event. It will be unforgettable.

### Important dates are:

- Abstract Submission Due: October 31, 2005
- Abstract Acceptance Notice: December 31, 2005
- Exhibition Application Due: December 31, 2005
- Early Registration Due: February 28, 2006
- Late Registration Due: April 30, 2006
- Hotel Reservation Due: March 31, 2006

### Further information can be found on:

[www.wfumb2006.com](http://www.wfumb2006.com)  
e-mail address is: [info@wfumb2006.com](mailto:info@wfumb2006.com)

*S. Hancke, Editor ECHOES*

### "Ultrasound in Medicine and Biology" (UMB)

After several years of the greatest success as Editor in Chief, Prof. P.N.T.Wells, Bristol, UK will leave the chair.

WFUMB has been looking for a successor, and it is a great pleasure to inform you that the WFUMB Executive Council has recommended to the WFUMB Administrative Council that Dr. Christy Holland has accepted to be the new Editor in Chief of UMB for a three year period with effect from January 1st, 2007. Dr C. Holland will participate in the next WFUMB Administrative Council Meeting in October 2005 to make a presentation of her vision of the future of the journal prior to confirmation of her formal appointment.

*S. Hancke, Editor ECHOES*

### Comments to the WFUMB Asian Education Project Course



The objectives of the "Training for the Trainers Ultrasound Workshop" are to provide knowledge on ultrasound techniques in both scanning and interpretation. Those who attend

the course will become competent trainers to instruct others who are new in the field of diagnostic ultrasound. All the participants will conduct ultrasound workshops in their respective training institutions or provinces in order to increase the number of doctors who can perform ultrasound scanning properly and make more accurate diagnosis.

The plan for the WFUMB Training for the Trainers Workshop in Beijing, China was

approved at the WFUMB Council Meeting in Zagreb June 2004.

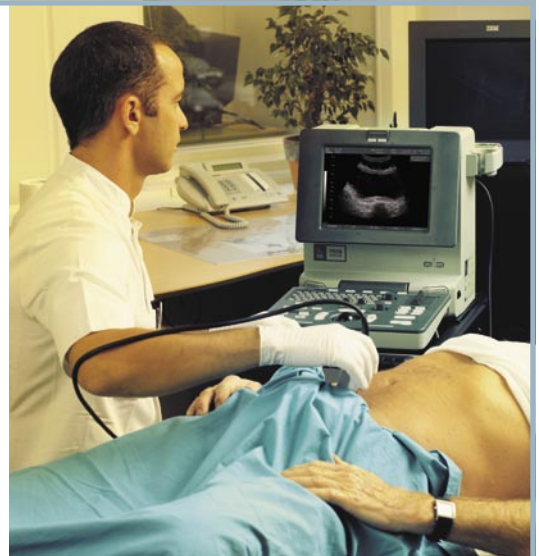
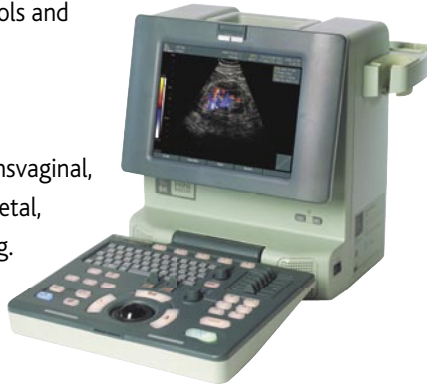
*Byung Ihn Choi, WFUMB Vice-President I*



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Latin American Federation for Ultrasound in Medicine (FLAUS) [www.flaus.org](http://www.flaus.org)

Australasian Society for Ultrasound in Medicine (ASUM) [www.asum.com.au/open/home.htm](http://www.asum.com.au/open/home.htm)

Mediterranean and African Society of Ultrasound (MASU) [www.agonet.it/masu](http://www.agonet.it/masu)