

## APHRS2010 REPORT

### The 3<sup>rd</sup> Asia Pacific Heart Rhythm Society Scientific Session 2010 (APHRS2010) In Conjunction with 6<sup>th</sup> Asia Pacific Atrial Fibrillation Symposium (APAFS2010)

27-30 October 2010

International Convention Center Jeju, Jeju, Korea

#### REPORT

##### 1. Registration

The 3<sup>rd</sup> Asia-Pacific Heart Rhythm Society Scientific Session (APHRS2010) was held in Jeju, Korea from October 27 to 30, 2010.

This year's conference, attended by 2,021 participants from 37 countries, concluded with success. Thankfully, APHRS 2010 could provide each and every attendee with opportunities for knowledge exchange and interaction in the field of arrhythmia.

With support from "The Korean Society of Cardiology" and "The Korean Society of Cardiac Arrhythmia", Korea (27.46%) had the largest number of participants, and approximately 1,000 participants were from the Asia Pacific region. In addition, many participants came from afar to be part of this significant gathering of professionals in arrhythmia (Czech Republic, Denmark, Iran, Latvia and etc.).

The 3<sup>rd</sup> Asia Pacific Heart Rhythm Society Scientific Session (APHRS 2010) exchanged the medical education credit system with the Japanese Circulation Society. The credit is issued to Japanese participants of the 3<sup>rd</sup> APHRS 2010; it is considered as almost the same as the credit issued in an international or domestic conference held in Japan. This is one of the ways to encourage many Japanese participants to attend the APHRS 2010 and share the latest information.

Country	Number of Participants	Percentage of Participants
Australia	36	1.78%
Austria	7	0.35%
Bangladesh	1	0.05%
Belgium	2	0.10%
Canada	5	0.24%
China	422	20.88%
Czech Republic	2	0.10%
Denmark	1	0.05%
France	7	0.34%
Germany	10	0.94%
Hong Kong	77	3.81%
India	60	2.97%
Indonesia	7	0.34%
Iran	1	0.10%
Italy	14	0.70%
Japan	328	16.23%
Korea	555	27.46%

Latvia	2	0.10%
Macau	1	0.05%
Malaysia	18	0.89%
Myanmar	3	0.15%
Nepal	1	0.05%
Netherlands	5	0.25%
New Zealand	3	0.15%
Pakistan	3	0.15%
Philippines	8	0.40%
Singapore	63	3.12%
South Africa	2	0.10%
Spain	1	0.05%
Sri Lanka	4	0.20%
Sweden	1	0.05%
Switzerland	1	0.05%
Taiwan	133	6.58%
Thailand	63	3.11%
UK	2	0.10%
USA	151	7.47%
Vietnam	12	0.59%
<b>TOTAL</b>	<b>2,021</b>	<b>100%</b>

## 2. Scientific Program

The 3<sup>rd</sup> Asia Pacific Heart Rhythm Society Scientific Session was preceded by a couple of events on 27 October 27: Asia Pacific CRT Expert Summit organized by Medtronic, and APAC Carto Club hosted by Johnson & Johnson. Four plenary sessions, 40 symposiums, and other programs ran three days starting from October 28 to 30. During the period, 5 different luncheon symposiums were held every day, while Dinner Symposium, held on October 29, was hosted by Johnson & Johnson, Medtronic, and St. Jude Medical. This year's APHRS meeting especially featured an IAEA session under the theme "IAEA/RCA Meeting of Asian Network of Cardiologists in Radiation Protection", disseminating the importance of radiation protection for Electrophysiological Procedures.

Section	Session Category	No. of Sessions	Remark
Pre-Meeting	Asia Pacific CRT Expert Summit	1	Organized by Medtronic
	APAC CARTO Club	1	Organized by J&J
Sub Total (a)		2	
Meeting	Live Case Transmission	1	UPENN . ICC Jeju Korea University Medical Center . ICC Jeju Seoul St. Mary's Hospital . ICC Jeju
	Plenary Session	4	
	Symposium	40	
	Educational Course	2	
	Allied Professionals	4	
	Special Symposium	1	

	Unknown EP Tracing Course	1	
	JHRS-APHRS Joint Session	1	
	Case-Based Tutorial	2	
	Breakfast Session	6	
	Luncheon Symposium	15	
	Dinner Symposium	3	
	Oral Session	12	
	Chaired Poster Session	3	
	Poster Session	4	
	Best Paper Award Session	2	(Basic/Clinical)
	Young Investigator Award Session	2	(Basic/Clinical)
	<b>Sub Total (b)</b>	<b>102</b>	
Others	IAEA Session	1	Organized by IAEA
	<b>Sub Total (c)</b>	<b>1</b>	
	<b>TOTAL</b>	<b>103</b>	



### 3. Live Case Transmission

On the second day of APHRS 2010, live case transmission was held at the Korea University of Medical Center and Seoul St. Mary's Hospital from 14:00 to 17:30. Furthermore, through the web broadcasting system, lectures by Dr. Marchliniski and Dr. Fermin Carlos Garcia were transmitted to the participants from University of Pennsylvania to the ICC Jeju and both EP labs in Seoul. Dr. Warren Jackman, Dr Shih Ann Chen, Dr. Akhiko Nogami, Dr. Minglong Chen led this live case with great success.

Dr. Chun Hwang, Dr. Yong-Seog Oh and Dr. Hiroshi Nakagawa were the operators at Seoul St. Mary's Hospital. Dr. Koonlawee Nademanee and Young-Hoon Kim were the case operators at the Korea University of Medical Center.



### 4. Abstracts

A total of 370 abstracts were submitted by 15 countries for the 3<sup>rd</sup> Asia Pacific Heart Rhythm Society Scientific Session and accepted for an oral/chaired poster/poster presentation. Japan posted the largest number of abstracts submitted this year, followed by Korea and China. The submitted abstracts were reviewed through the online abstract review program, which made the review process more prompt and accurate, by our 20 judges; 28 abstracts receiving the highest scores in the review process were chosen to be presented orally in the Best Paper Basic/Clinical Sessions and in the Young Investigator Basic/Clinical Sessions. After such oral presentations, four abstracts for each best paper session were selected to be awarded the first (1 abstract), second (1 abstract), and third place (2 abstracts) best paper prizes at the Gala Dinner, and four abstracts for each young investigator session were selected to be awarded the first (1 abstract), second (1 abstract), and the third place (2 abstracts) young investigator prizes at the Gala Dinner.

No.	Country	Session			No. of abstracts submitted
		Oral	Chaired Poster	Poster	
1	Australia	7	-	2	9
2	Bangladesh	1	-	-	1
3	China	31	2	14	47
4	Germany	1	-	-	1
5	Hong Kong	2	1	1	4
6	India	12	-	3	15
7	Indonesia	2	-	2	4
8	Italy	2	-	-	2
9	Japan	37	22	107	166
10	Korea	50	6	24	80
11	Latvia	1	-	1	2
12	Malaysia	-	-	1	1
13	Philippines	-	-	4	4
14	Singapore	4	3	9	16
15	Taiwan	14	2	2	18
<b>TOTAL</b>		<b>164 from 13 countries</b>	<b>36 from 6 countries</b>	<b>170 from 12 countries</b>	<b>370</b>



**i) Best Paper Awardees**

No.	Award		Awardees	Country
1	Best Paper Award / Basic	1 <sup>st</sup> Prize	Kunihiro Nishida	Japan
2		2 <sup>nd</sup> Prize	Eue-Kuen Choi	USA
3		3 <sup>rd</sup> Prize	Muayad Alasady	Australia
4			Li-Wei Lo	Taiwan
5	Best Paper Award / Clinical	1 <sup>st</sup> Prize	Takashi Ashihara	Japan
6		2 <sup>nd</sup> Prize	Tze-Fan Chao	Taiwan
7		3 <sup>rd</sup> Prize	Boyoung Joung	Korea
8			Yosuke Miwa	Japan



ii) Young Investigator Awardees

No.	Award		Awardees	Country
1	Young Investigator Award / Basic	1 <sup>st</sup> Prize	Dennis Lau	Australia
2		2 <sup>nd</sup> Prize	Shih-Lin Chang	Taiwan
3		3 <sup>rd</sup> Prize	Hye Jin Hwang	Korea
4			Rongrong Wang	China
5	Young Investigator Award / Clinical	1 <sup>st</sup> Prize	Wei Sze Eleanor Lee	Hong Kong
6		2 <sup>nd</sup> Prize	William Chik	Australia
7		3 <sup>rd</sup> Prize	Kazuyoshi Suenari	Taiwan
8			Yasutsugu Nagamoto	Korea



### iii) Abstract Reviewer

No.	Category	Reviewer	Country
1	Atrial Fibrillation	Koichiro Kumagai	Japan
2		Shih-Ann Chen	Taiwan
3		HuiONam Pak	Korea
4		Prash Sanders	Australia
5		Seil Oh	Korea
6	Device	Hung-Fat Tse	Hong Kong
7		Yuji Nakazato	Japan
8	Electrophysiology / SVT	Yoshinori Kobayashi	Japan
9		G-Byoung Nam	Korea
10	Ventricular Arrhythmias / SCD	Kurt Roberts-Thomson	Australia
11		Akihiko Nogami	Japan
12		Yan Yao	China
13	Basic Science	Tae-Joon Cha	Korea
14		Hiroshi Inoue	Japan
15		Yi-Jen Chen	Taiwan
16		Yongkeun Cho	Korea
17	Genetic of Arrhythmias	Wataru Shimizu	Japan
18	Pharmacology	Chem-En Chiang	Taiwan
19	Electrophysiology / SVT	Martin Stiles	New Zealand
20		Takanori Ikeda	Japan
<b>TOTAL</b>		<b>20 Abstracts Reviewers from 7 countries</b>	

### 5. Faculty Member

APHRS 2010 brought together a total of 283 Faculty Members from 25 different countries to provide a lecture on arrhythmia.

No.	Country	Number of Faculty Members
1	Australia	8
2	Austria	3
3	Canada	3
4	China	3
5	Czech Republic	1
6	Denmark	1
7	France	1
8	Germany	7
9	Hong Kong	11
10	India	16
11	Indonesia	1
12	Italy	5
13	Japan	61
14	Korea	51
15	Malaysia	1
16	New Zealand	1
17	Philippines	1

18	Singapore	4
19	Spain	1
20	Sweden	1
21	Switzerland	1
22	Taiwan	27
23	Thailand	5
24	UK	1
25	USA	41
	<b>25 Countries</b>	<b>283</b>

## 6. Exhibition

The scientific session was held in conjunction with the exhibition displaying a wide array of medical equipment and products. A total of 42 companies occupied 49 booths on the exhibit floor, providing a market place for vendors from around the world, and a chance for participants to get a glimpse into the latest developments in the field of arrhythmia.

## 7. Sponsors

Thanks to our generous sponsors, participants could comfortably share knowledge and enjoy the pleasant interaction with their peers and colleagues during the conference. APHRS 2010 sponsors were included in five categories: Platinum (St. Jude Medical), Gold (Medtronic and Johnson & Johnson Medical), Silver (Boston Scientific), Bronze (Boehringer Ingelheim), and Education (Biotronik).

## 8. Official Programs

### i) APHRS Official Meetings

During the APHRS 2010, the APHRS Board Meeting was held twice, in the morning and the night of October 28. The APHRS Practice Guideline Committee Meeting was also held on the second day of APHRS 2010.





## 9. Social Programs

### i) Opening Ceremony and Welcome Reception

The APHRS 2010 Opening Ceremony was held at Tamna Hall A, ICC Jeju, from 18:00 to 18:30 on October 28, 2010. The President of APHRS 2010, Prof. Sung-Soon Kim, and the President of APHRS, Prof. Masayasu Hiraoka, each delivered the Welcome and the Congratulatory Address.

Next, the Chairman of the Korean Society of Cardiac Arrhythmia, Prof. Jeong Gwan Cho, and the Program Chair of APHRS 2010, Dr. Young-Hoon Kim, each delivered a speech with a movie clip.

The CEO of HRS, James Youngblood, also extended a congratulatory message to the APHRS 2010.

The Honorary President of APHRS, Dr. Harry Mond, and Dr. Nam Shik Jeong, Chairman of Korean Society of Cardiology also delivered their congratulatory video messages.

After the opening ceremony, in the main lobby of ICC Jeju, the welcome reception was held with a standing buffet.



