

# Advanced School for Core Investigators from Asian Society of Cardiovascular Imaging: The first [ASCI]<sup>2</sup> Report

Jongmin Lee<sup>1</sup>, Byoung-Wook Choi<sup>2</sup>, Sang-Il Choi<sup>3</sup>, Hajime Sakuma<sup>4</sup>, Yeon-Hyeon Choe<sup>5</sup>, Tae-Hwan Lim<sup>6</sup>

Department of Radiology, <sup>1</sup>Kyungpook National University & Hospital, Korea, <sup>2</sup>Yonsei University Severance Hospital, Korea, <sup>3</sup>Seoul National University Bundang Hospital, Korea, <sup>4</sup>Mie University Hospital, Japan, <sup>5</sup>Sungkyunkwan University Samsung Medical Center, Korea, & <sup>6</sup>University of Ulsan, Asan Medical Center, Korea

## Missions of [ASCI]<sup>2</sup> Project

- To recruit young excellent ASCI members
- To train them to become representative scholars of Asia
- To dispatch them as lecturers to world-wide annual congresses
- To up-bring future core members with consciousness of elite and responsibility to ASCI

## Design of [ASCI]<sup>2</sup> Project

### Outline

- Date : Annual course held in August for 4-5 days
- Participants: 7 Trainees, 7 Tutors, 7 Co-tutors, ASCI Officers, Invited speakers
- Venue : Olympic Parktel, Seoul, Korea
- Provisions for the trainees & tutors: Flight Fare, Accommodation, Meals, Social program

### Training Program

- Aims
  - Academic support for publication
  - Training of presentation & interaction skill
- Each trainee: Presents own on-going study with impending publication
- Tutors: Specialists about trainees' topics
- Tutors and the other trainees: Give prepared controversy for refining the trainee's study
- On-site feed-back from English & academic proof-readers
- Special lecture sessions for "Super-ASCI Leadership": English paper writing & presentation skills, leadership, and journal editorials
- Social activity: To promote friendship among trainees and tutors
- Accreditation of [ASCI]<sup>2</sup> membership conferred by ASCI

### Conduction

- Selection of trainee based on strict and objective academic guideline
- Training course in an isolated place with tight schedule for brain storming
- Repeated invitation of previous trainees to annual [ASCI]<sup>2</sup> as trainees or tutors
- All participants are required to protect other's 'intellectual property right'.

## Selection of Trainees for [ASCI]<sup>2</sup>-2010

### Candidate Recommendation

- By Executive Committee members of ASCI
- 2 candidates per country
- Conditions for recommendation
  - Under 45 years of age
  - At least one published scientific paper in the SCI(E) journal as the first author
  - One fully analyzed study that the candidate plans to publish
  - Presentation files with draft paper about the study



### Trainee Selection

- Jury: President of ASCI, Vice Presidents, Secretary-General, Scientific Officers, and One specialist decided by the financial supporter (BSP-AP)
- The final decision by calculating the average of the scores of the jury after excluding the highest score and the lowest score

### Scoring Criteria

- The content of research submitted to [ASCI]<sup>2</sup>: Score from 0 to 10
- Sum of the impact factor of the candidates' published article  

$$= \sum [2x((IF \text{ of first author}) + 0.8 \times (IF \text{ of corresponding author}) + (IF \text{ of coauthor}) / (\text{No of authors}))]$$
- Scientific presentation in international congress as a presenter or corresponding author  
 Weight value: Lecture (1.0), oral presentation (0.8), poster presentation (0.6)  

$$= \sum [2 \times (\text{weight value of each presentation})]$$
- Research project  
 Weight value: Global project (1.0), domestic government-led project (0.9), principle investigator (PI) (1.0), participation as a researcher (0.6)  

$$= \sum [2 \times (\text{weight value of each project})]$$
- Other academic achievement(s): Score from 0 to 3

## [ASCI]<sup>2</sup>-2010

- Date: 2010-Aug-30 (Mon) ~ Sep-3 (Fri)
- Venue: Olympic Parktel, Seoul, Korea
- Program Director: Jongmin J. Lee, Kyungpook National University Hospital, Korea
- Financial Supporter: Bayer-Schering Pharma, Asia-Pacific Headquarter

### Tutors

- Sachio Kuribayashi, Keio University Hospital, Japan
- ZhaoQi Zhang, Beijing Institute of Heart, Lung and Blood Vessel Disease, China
- Byoung-Wook Choi, Yonsei University, Severance Hospital, Korea
- Hajime Sakuma, Mie University Hospital, Japan
- Yeon-Hyeon Choe, Sungkyunkwan University Samsung Medical Center, Korea
- John Hoe, Mount Elizabeth Hospital, Singapore
- Ming-Ting Wu, National Yang Ming University Hospital, Taiwan

### Co-tutors

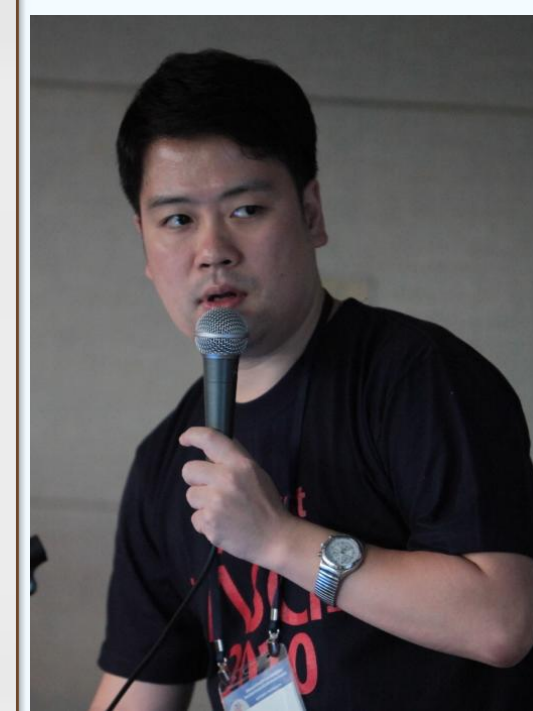
- Yoon-Hyeon Kim, Chun-Nam National University Hospital, Korea
- Whal Lee, Seoul National University Hospital, Korea
- I-Chen Tsai, Taichung Veterans General Hospital, Taiwan
- Tae-Hoon Kim, Yonsei University, Yeong-Dong Severance Hospital, Korea
- Sang-Il Choi, Seoul National University Bundang Hospital, Korea
- Whan-Seok Yong, Korea University Hospital, Korea
- Ki-Seok Choo, Pusan National University Hospital, Korea

### Observers

- Saelee Ratchanee, Mahidol University Ramathibodi Hospital, Thailand
- Khoi Viet Nguyen, BachMai hospital, Vietnam
- Eun-Jeong Choi, Korea University Hospital, Korea

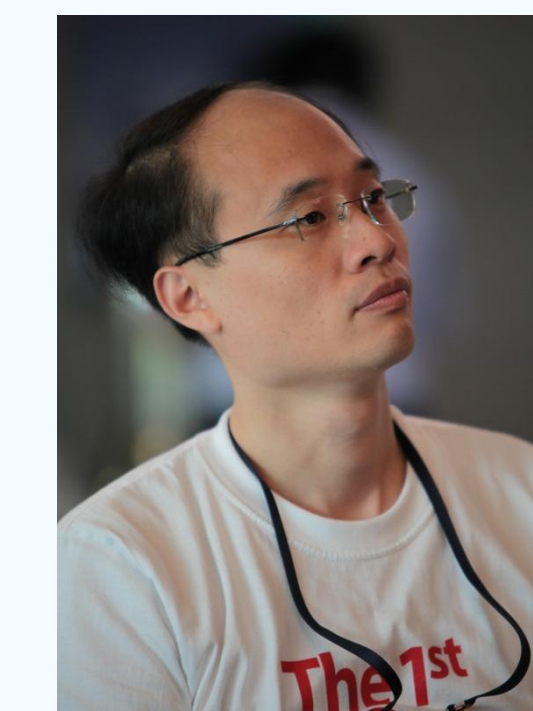


## Trainees



**Joon-Won Kang, MD.**  
Clinical Assistant  
Professor of Radiology  
University of Ulsan, Asan  
Medical Center, Korea

"Writing Manuscript"



**Wen-Jeng Lee, MD.**  
Assistant Professor of  
Radiology  
National Taiwan University  
Hospital, Taiwan

"Writing Manuscript"  
"Invited as ASCI Auditor"



**Sonny Chiu, MD**  
Associate Consultant of  
Radiology  
Kwong Wah Hospital,  
Hong Kong



**Lei Xu, MD.**  
Radiologist  
Beijing Anzhen Hospital,  
China

"Published in Eur Radiol"  
"Invited as ASCI Multicenter  
Research Committee Member"

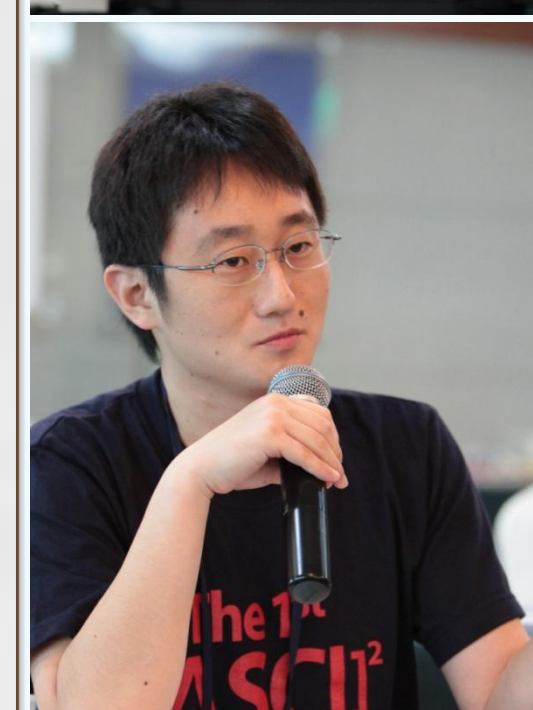


**Wei Yu, MD, PhD.**  
Vice-director of Radiology  
Beijing Anzhen Hospital,  
China



**Eun-Ah Park, MD, PhD.**  
Assistant Professor of  
Radiology  
Seoul National University  
Hospital, Korea

"Submitted to Circ CV Imaging"



**Yasutaka Ichikawa, MD.**  
Advisory Radiologist  
Matsusaka Central  
Hospital, Japan

"Submitted to AJR"



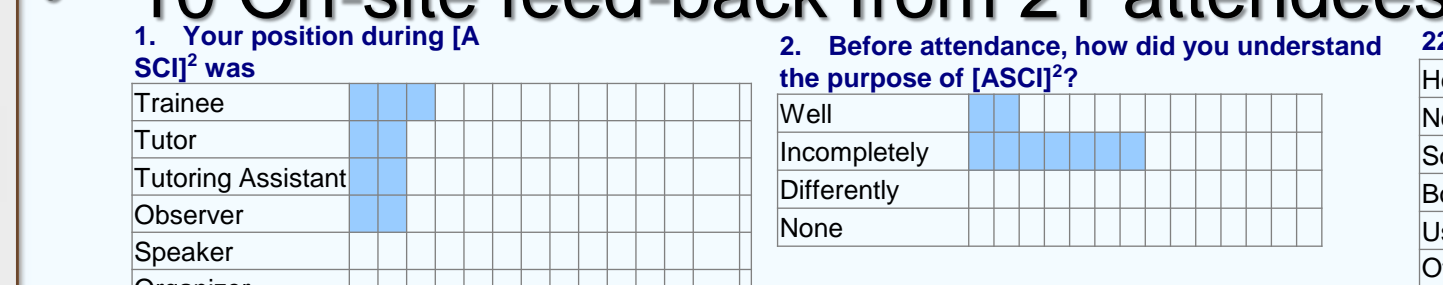
## [ASCI]<sup>2</sup>-2010 Program

\*Study titles are hidied by arbitrary session titles

Time	30(Mon)	31(Tue)	1(Wed)	2(Thu)	3(Fri)
07:00-07:59	Arrival registration & Breakfast	Breakfast	Breakfast	Breakfast	Departure
08:00-09:00	Biomedical statistics	Session#4: Coronary Arterial Function Witnessed by MRI Trainee: Ichikawa/Y Tutor: Sakuma/H TA: Kim/T-H	Summary publish planning	Summary publish planning	
10:00-10:30	Intermission	Intermission	Intermission	Intermission	
10:30-11:30	"Global Multi-center Research"	Session#5: Fine Tuning of CCT Enhancement Trainee: Lee/WJ Tutor: Choe/YH TA: Choi/S-I	Summary publish planning	Summary publish planning	
12:00-12:30	Lunch	Lunch	Lunch	Lunch	
14:00-15:00	Session#1: CV Risk Screening I: Revisiting AV Calcification Trainee: Kang/JW Tutor: Kuribayashi/S TA: Kim/YH	Session#6: Will 320-MDCTCA work on AF? Trainee: Xu/L Tutor: Hoe/J TA: Yong/W-S	Social program "Guided tour to President's Office, Blue House"	Social program "Guided tour to President's Office, Blue House"	
15:00-16:00	Opening session	Intermission	Intermission	Intermission	
16:00-16:30	English paper writing	Session #2 CV Risk Screening II: CAC vs. CAS Trainee: Chiu/S Tutor: Zhong/ZQ TA: Lee/W	Session#7: Myocardial death sentence by DECT; Fake or Truth? Trainee: Park/E-A Tutor: Wu/M-T TA: Choo/K-S	Intermission	
17:30-18:30	"Clinical Trials"	dinner	dinner	dinner	Farewell Dinner
19:30-20:00	Presidential dinner	Session#3: CV Risk Screening III: Surveillance of Silent Plaques Trainee: Yu/W Tutor: Choi/BW TA: Tsai/I-C	Paper Revisiting	Paper Revisiting	
22:00 -					

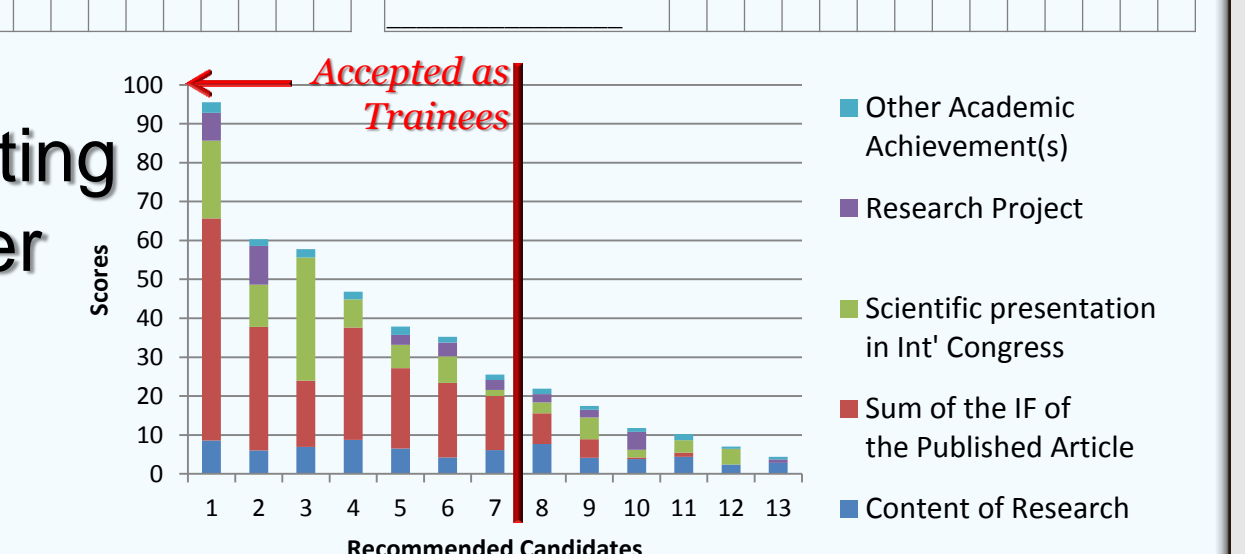
## Results

- On-site evaluation average score for attendees: Tutor > Co-tutor > Trainee
- 10 On-site feed-back from 21 attendees



	Knowledge	Communication skill	Activity	Preparation	English skill	Sum
Trainees	3.8 ± 0.9	3.6 ± 0.9	3.9 ± 1.2	4.0 ± 0.8	3.0 ± 0.7	18.3 ± 3.2
Tutors	4.9 ± 0.2	4.6 ± 0.5	4.6 ± 0.9	4.8 ± 0.4	4.1 ± 0.7	23.0 ± 2.5
Co-tutors	4.6 ± 0.4	3.6 ± 0.7	4.0 ± 0.4	3.6 ± 0.4	3.8 ± 1.0	19.6 ± 2.2
Full Score	5.0	5.0	5.0	5.0	5.0	15.0

- Trainees' merits of attendance
  - Improvement of their study analysis and paper writing
  - The opportunity to meet experts and study together
- Defects of [ASCI]<sup>2</sup>-2010
  - Insufficient preliminary information about [ASCI]<sup>2</sup>
  - Little bit long Sessions
  - Excessive scoring weight on publication & less on research contents
- Total Expenses: 28,600USD
- Bimonthly Follow-up of 7 Trainees: Published (1), Submitted (2), Writing (2)



**Conclusions** The [ASCI]<sup>2</sup>-2010 was held successfully and was significantly beneficial to the trainees. However, the exact information about [ASCI]<sup>2</sup> should be delivered thoroughly to all potential candidates in ASCI.

## Future Plans

- Reducing the scoring weight of publication
- Increasing the scoring weight of research contents
- Active informing to ASCI members
- Allowing direct application by ASCI members

