

May 17, 2012. IRPA 13, Glasgow

KIDS 7Medical
Reports from Regional Congresses:
Tokyo, JAPAN

Keiichi AKAHANE

Medical Exposure Research Project

National Institute of Radiological Sciences

JAPAN

Third Asian and Oceanic Congress on Radiation Protection (AOCR-3)

Period: May 24-28, 2010

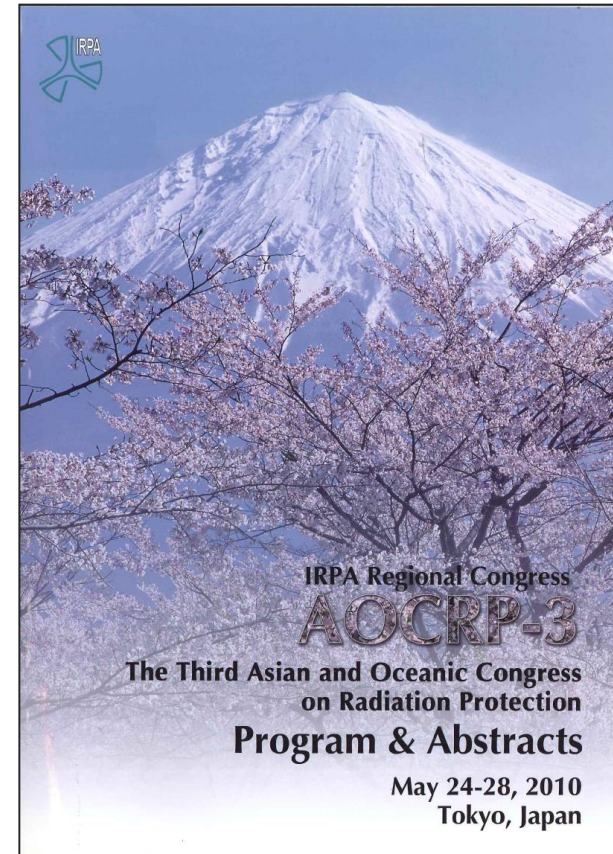
Venue: Tower Hall Funabori, Tokyo, JAPAN

Participants: 465 (29 countries)

**Japan 325, Korea 55, China 17 and Others
68**

Presentations: Poster 248, Oral 120

- **“Medical” related sessions:**
 - **WHO Special Session**
 - **Oral Presentation Session**
 - **Refresher Course**
 - **Poster Presentation Session**



WHO Special Session

Appropriate use of radiation in paediatric imaging: challenges and opportunities

N. Takamura, WHO

“Setting the scene – health risks of radiation exposure early in life”

M. Perez, WHO

“Radiation safety in health care settings – the case of pediatric imaging”

L. Lau, IRQN

“Global Collaborative Actions towards Appropriate Use of Radiation in Paediatric Imaging”

Oral Presentation Session: Exposure to Medical Radiation

Keynote lecture: Dr. Perez (WHO)

New challenge of WHO for medical radiation protection

9-O-1: Dr. Chelliah (Malaysia)

A Comparison of Average Glandular Dose Values between Screen Film Mammography and Digital Mammography

9-O-3: Dr. Wu (Hong Kong)

A Case Report on the Effect of Fan Beam Thickness in Helical Tomotherapy of Nasopharyngeal Carcinoma.

9-O-4: Dr. Kono (Japan)

Radiation Exposure to Family Members and the General Public After Permanent Brachytherapy for Prostate Cancer.

Refresher Course - 4

Radiation Protection in Health care

: Dr. Perez (WHO)

The proper application of the principles of radiation protection in health care, including the medical exposure of patients, their comforters and cares, and volunteers in biomedical research.

Justification

Optimization

DRLs, Dose constraints

Poster Session

24 posters

Countries

Japan 12, Korea 8, Taiwan 4

Fields (and Number of presentations)

CT 9, mammography 2, fluoroscopy 1, radiotherapy 6, pediatric patients 1, radiological protection 1, Survey 2, interventional radiology 2

Medical in AOCR-3

Key issues:

- Radiation Protection for Pediatric patients
 - Risk assessment
 - Optimization
- Dose estimations
 - X-ray CT examinations, etc.