The 60th Annual Scientific Meeting of the Japanese Society of Nuclear Medicine

The 40th Annual Meeting of the Japanese Society of Nuclear Medicine Technology

Joint Program

JSNM-JSNMT Joint Symposium 1
Thursday Nov.12 9:15-11:45, Room6

Pros and Cons of AI for Nuclear Medicine

Chair : Kenji Hirata (Department of Diagnostic Imaging, Hokkaido University)

Tomohisa Fukunaga (Department of Radiological Technology, Fukuo-kaken Saiseikai Futsukaichi Hospital)

1. Are radiologists coyotes that are over the edge of the cliff?

（Department of Diagnostic Imaging, Hokkaido University, Japan） Kenji Hirata

2. AI will be able to diagnose nuclear medicine study

（Tokyo Metropolitan Geriatric Hospital and Institute for Gerontology） Masashi Kameyama

3. Do we really need AI for clinical practices? Prediction as of 2020

（Department of Diagnostic Imaging and Nuclear Medicine, Kyoto University Graduate School of Medicine, Kyoto, Japan）
Yasutaka Fushimi and Tomomi Nobashi

4. Possibility of image reconstruction by Artificial Intelligence

（Department of Radiological Technology Faculty of Health Science, Hokkaido University of Science, Sapporo, Japan）
Akihiro Kikuchi

5. Correction? Edit? Dependability of AI correction method

（Faculty of Radiological Technology, School of Medical Science, Fujita Health University, Aichi, Japan）
Seiji Shirakawa

JSNM-JSNMT Joint Symposium 2
Friday Nov.13 8:30-10:30, Room6

SUV quantification for clinical PET/SPECT imaging

Chair : Takashi Terauchi (Department of Nuclear Medicine, Cancer Institute Hospital of Japanese Foundation for Cancer Research)

Norikazu Matsutomo (Department of Medical Radiological Technology Faculty of Health Sciences, Kyorin University)

1. Technologies and knowledge required for quantitative bone SPECT

（Department of Radiology, Toyohashi Municipal Hospital, Toyohashi, Japan） Hajime Ichikawa

2. Clinical utility of SUV with quantitative skeletal SPECT/CT as an osteoblastic biomarker

（Department of Nuclear Medicine, Saitama Medical University International Medical Center, Hidaka, Saitama, Japan）
Ichiei Kuji

3. Quantitative technology useful for clinical PET and its latest trends

（Graduate School of Radiological Technology, Gunma Prefectural College of Health Sciences, Maebashi, Japan）
Hiromitsu Daisaki

4. Use of SUV in clinical PET

（Department of Advanced Molecular Imaging, University of Tsukuba, Ibaraki, Japan） Tomohiro Kaneta

JSNM-JSNMT Joint Educational Lecture
Thursday Nov.12 9:20-10:20, Room1

Pediatric nuclear medicine

Chair : Mayuki Uchiyama (Department of Radiology, The Jikei University School of Medicine)

Keiichi Sugibayashi (Department of Radiology, Meiwa Cancer Clinic)

1. Technical considerations of consensus guidelines for pediatric nuclear medicine 2019
（Department of Radiology, Meiwa Cancer Clinic, Hyogo, Japan）**Keiichi Sugibayashi**

2. Reading point of pediatric nuclear medicine
（Department of Radiology, The Jikei University School of Medicine, Tokyo, Japan）**Mayuki Uchiyama**

Work in Progress　　Thursday Nov.12 13:30-15:30, Room6

Chair : Keiichiro Yamaguchi (St. Marianna University School of Medicine)

Masaaki Kajisako (Division of Clinical Radiology Service, Kyoto University Hospital)

1. Philips innovative solution for Molecular Imaging in 2020
（Business Marketing Specialist, AMI）**Ko Higuchi**

2. Seeking True Discovery ～Products update of GE Molecular Imaging～
（GE Healthcare Japan Corporation Product Marketing-NM）**Yasushi Miyake**

3. The latest topics from Canon Medical Systems
（Nuclear Medicine Systems Sales Dept., Canon Medical Systems Corporation）**Kouji Suekane**

4. Siemens Molecular Imaging UPDATE
（Molecular Imaging Dept., Siemens Healthcare K.K）**Genki Horitsugi**

President Lecture　　Thursday Nov.12 15:45-16:45, Room1

Chair : Yoshiharu Yonekura (Institute for Radiation Sciences, Osaka University)

Masahisa Onoguchi (Department of Quantum Medical Technology, Institute of Medical, Pharmaceutical and Health Sciences, Kanazawa University)

1. PET as my lifework
（Division of Molecular Imaging Research, Kobe City Medical Center General Hospital, Kobe, Japan）**Michio Senda**

2. Clinical application of nuclear medicine technology
（Department of Radiological Technology, Kurashiki Central Hospital）**Akio Nagaki**

Japan-China Nuclear Medicine Exchange Seminar (Partially English)
Friday Nov.13 14:45-16:45, Room5

Chair : Tadashi Watabe (Department of Nuclear Medicine and Tracer Kinetics, Graduate School of Medicine, Osaka University)

Ji Bin (National Institutes for Quantum and Radiological Science and Technology (QST) National Institute of Radiological Sciences (NIRS) Department of Functional Brain Imaging (DOFI))

changing the order of presentation

1. Quantitative evaluation of ^{99m}Tc-PYP scintigraphy in cardiac amyloidosis
   （Department of Functional Imaging and Artificial Intelligence, Kanazawa University Graduate School of Advanced Preventive Medical Sciences, Kanazawa, Japan）Satoru Watanabe

2. Performance evaluation of a preclinical multi-pinhole SPECT for medium-sized animals
   （Department of Quantum Medical Technology, Graduate School of Medical Sciences, Kanazawa University, Kanazawa, Japan）Takayuki Kanno

3. Activities of nuclear medicine practice nurses in the introduction of PET/CT assistance
   （Tokyo women's medical university hospital, Tokyo, Japan）Naomi Ozaki

4. Diagnostic value of clinical parameters and parathyroid scintigraphy for aPHPT
   （Department of Nuclear Medicine, Sir Run Run Shaw Hospital, Affiliated to School of Medicine, Zhejiang University, China）Yanli Ning

5. Impact of BPL reconstruction algorithm on quantitative accuracy of PET volumetric measures
   （Department of Nuclear Medicine, Sir Run Run Shaw Hospital, Affiliated to School of Medicine, Zhejiang University, China）Tao Huang

6. Humanistic Measures of Nursing Care in Nuclear Medicine Ward
   （Department of Nuclear Medicine, Sir Run Run Shaw Hospital, Affiliated to School of Medicine, Zhejiang University, China）Tingjue Wang

JSNM-JSNMT Special Lecture
Thursday Nov.12 14:45-15:30, Room1

Chair : Setsu Sakamoto (Department of Diagnostic Radiology, Hyogo Cancer Center)

Nuclear Medicine Departments and COVID-19

（Division of Nuclear Medicine, National Center for Global Health and Medicine, Tokyo, Japan）Ryogo Minamimoto

1. Impact of BPL reconstruction algorithm on quantitative accuracy of PET volumetric measures
   (Department of Nuclear Medicine, Sir Run Run Shaw Hospital, Affiliated to School of Medicine, Zhejiang University, China) Tao Huang

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   (Tokyo women's medical university hospital, Tokyo, Japan) Naomi Ozaki

6. Quantitative evaluation of 99m Tc-PYP scintigraphy in cardiac amyloidosis
   (Department of Functional Imaging and Artificial Intelligence, K anazawa University Graduate School of Advanced Preventive Medical Sciences, Kanazawa, Japan) Satoru Watanabe

Open Lecture for Citizens
Saturday Nov.14 14:00-16:00, Room6

Clinical feature of dementia and action by Kobe City

Opening Remarks : Michio Senda (Division of Molecular Imaging Research, Kobe City Medical Center General Hospital)

Chair : Hiroyuki Shimada (Department of Diagnostic and Interventional Radiology, Osaka City University Graduate School of Medicine)

1. Clinical features in dementia and Brain Imaging
   （Medical Center for Student Health, Kobe University, Department of Biosignal Pathophysiology, Graduate School of Medicine, Kobe University, Japan） Yasuji Yamamoto

2. Dementia Diagnosis Subsidy Program in Kobe
   （Welfare Bureau, Kobe City Government, Japan） Noriko Hasegawa

3. Preventing Dementia with Healthcare Apps
   （Public Health Planning Division, Public Health Bureau, Kobe City Government, Japan） Ryusuke Miki