

# The Fourth Annual General Meeting of ARCCNM Nuclear Medicine Society of Thailand

Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand

## Scientific program

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Monday 15th August 2005

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- 08.30-09.00 Registration  
09.00-09.15 Welcome Address  
*Dean of Faculty of Medicine, Chulalongkorn University*  
Welcome Address  
*Dr. Myung-Chul Lee (President of WFNMB)*  
Opening Remark  
*JK. Chung (Chairman of ARCCNM)*  
09.15-09.45 Honorary lecture: Nuclear Medicine in Thailand  
*M. Poshyachinda (Thailand)*  
09.45-10.00 Coffee break

### Chalerm-Prommas Lecture Room

**Chair:** *MA. Karim*

**Co-chair:** *V. Ratanamart*

- 10.00-10.40 Invited lecture: Molecular imaging using positron emitter  
*R. Liu (Taiwan)*  
10.40-11.20 Invited lecture: Molecular-genetic imaging using gamma emitter  
*JK. Chung (Korea)*  
11.20-12.00 Invited lecture: Molecular imaging and nanotechnology  
*E. Kim (USA)*  
12.00-13.00 Lunch, Delegate Assembly of ARCCNM

### Proffer Paper

**Chair:** *FX. Sundram*

**Co-chair:** *S. Boonyaprapa*

- 13.00-13.10 State resource base model for provision of PET services WA PET/cyclotron service  
*NP. Lenzo (Australia)*  
13.10-13.20 Caffey disease presenting as clavicular fracture in a 9 weeks old baby boy  
*BD. Marcelo (Philippines)*  
13.20-13.30 Tc-99m MIBI for secondary skeletal involvement in breast and prostate cancers and multiple myeloma  
*F. Zehra (Pakistan)*  
13.30-13.40 Prediction of post operative pulmonary reserve in patients who undergo lung resection  
*R. Krishnakumar (India)*  
13.40-13.50 Evaluation of diagnostic criteria of pulmonary scintigraphy in suspected pulmonary embolism patients  
*S. Fatima (Pakistan)*  
13.50-14.00 Role of F+0 diuretic renography and renal outflow efficiency parameters (ROE) in post-natal management of antenatal hydronephrosis  
*R. Kumar (India)*  
14.00-14.10 Agreement between in-vivo external counting (Gates' method) and in-vitro method by using <sup>99m</sup>Tc-DTPA in the determination of glomerular filtration rate  
*A. Elliyanti (Indonesia)*  
14.10-14.20 Role of <sup>99m</sup>Tc-DTPA renal scintigraphy using Gates protocol with extended acquisition time in evaluation of the function of pre-operative donor kidneys and post-operative remaining kidney.  
*CX. Nguyen (Vietnam)*  
14.20-14.30 Role of ultrasonogram & <sup>99m</sup>Tc-DTPA renogram for the evaluation of diabetic nephropathy  
*SK. Biswas (Bangladesh)*

- 14.30-14.40 <sup>99m</sup>Tc ECD SPECT in presurgical localization of temporal lobe epilepsy  
*LP. Sudhakar (India)*
- 14.40-14.50 Cerebral perfusion pattern with <sup>99m</sup>Tc- ECD-SPECT in patients with dementia  
*L. Nisa (Bangladesh)*
- 14.50-15.00 Fluorocholine PET- Preliminary experience  
*NP. Lenzo (Australia)*
- 15.00–15.30 Coffee break
- 15.30–16.00 Invited lecture: Current and future applications of functional imaging in CNS  
*A. Alavi (USA)*
- 16.00-16.30 Invited lecture: SPECT and epilepsy  
*C. Locharernkul (Thailand)*
- 16.30-17.00 Invited lecture: PET in epilepsy  
*MC. Lee (Korea)*
- 17.00-17.30 Invited lecture: Role of neuro-transmission imaging on the evaluation of neurotopic drugs  
*S. Tanada (Japan)*

## Room I

### Proffer Paper

**Chair:** *OP. Monzon*

**Co-chair:** *M. Ekmahachai*

- 13.00–13.10 Myocardial perfusion in patient with coronary artery disease (CAD) post-PTCA  
*V. Chavied (Indonesia)*
- 13.10–13.20 Value of myocardial perfusion scintigraphy in the short-term prognostication of post myocardial infarction patients  
*AP. Quiñon (Philippines)*
- 13.20–13.30 Incremental value of nitrate enhancement in Tc99m Sestamibi myocardial perfusion imaging with SPECT in patients with coronary artery disease and previous myocardial infarction  
*MA. Duldulao (Philippines)*
- 13.30–13.40 Comparison between standard dobutamine stress and combination of hand-grip exercise with dobutamine stress in myocardial perfusion SPECT  
*MR. Nadig (India)*
- 13.40–13.50 Prognostic value of <sup>99m</sup>Tc-SESTAMIBI myocardial perfusion scan in ischemic heart disease- Indian experience  
*VR. Lele (India)*
- 13.50–14.00 Myocardial perfusion scan in Diabetes Mellitus patients with suspected CAD-A study in Bangladesh  
*F. Kabir (Bangladesh)*
- 14.00-14.10 Myocardial perfusion scintigraphy; CAD in diabetics and non diabetics in correlation with chest pain  
*J. Irfan (Pakistan)*
- 14.10–14.20 Assessment of myocardial perfusion with Tc-99m Tetrofosmin SPECT imaging in prediction of perfusion after CABG  
*S. Hossain (Bangladesh)*
- 14.20-14.30 Myocardial perfusion gated SPECT in patients with LBBB.  
*A. Khan (Pakistan)*
- 14.30-14.40 Effect of potassium perchlorate on the expression of sodium iodide symporter (NIS) in human breast cancer tissue  
*PK. Pradhan (India)*
- 14.40-14.50 Scintimammography as a guide for planning further management strategies, post lumpectomy, in breast carcinoma  
*PS. Choudhury (India)*
- 14.50-15.00 Should we wait for skeletal pains to appear in breast carcinoma patients to perform bone scan for skeletal metastatic survey?  
*MS. Afzal (Pakistan)*
- 15.00-15.10 Role of three-phase skeletal scintigraphy in modified Ilizarov's vascular remodeling surgeries in treatment of femoral head avascular necrosis  
*S. Padma (India)*

15.10-15.30 Coffee break

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**Tuesday 16th August 2005**

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**Chalerm-Prommas Lecture Room**

**Chair:** *AK. Padhy*

**Co-chair:** *R. Sirisriro*

08.00–08.30 Invited lecture: Molecular imaging with PET: A revolution in medicine  
*A. Alavi (USA)*

08.30–09.00 Invited lecture: Management of differentiated thyroid cancer: issues and challenges  
*AK. Padhy (India)*

09.00–09.30 Invited lecture: Diagnostic and prognostic value: the state of the art in myocardial perfusion scintigraphy  
*OS. Monzon (Philippine)*

09.30-10.00 Invited lecture: Myocardial perfusion imaging in patients with diabetes  
*V. Ratanamart (Thailand)*

10.00–10.20 Coffee break

**Proffer Paper**

**Chair:** *F. Alam*

**Co-chair:** *J. Sripraporn*

10.20–10.30 Transarterial <sup>131</sup>I-lipiodol radioconjugate therapy for hepatoma: Is it feasible in Pakistan?  
*MN. Younis (Pakistan)*

10.30–10.40 Treatment of inoperable primary liver cancer with transarterial <sup>188</sup>Re- HDD lipiodol  
*MCT. Trinh (Viet Nam)*

10.40–10.50 Failure of hyperthyroidism treatment with I-<sup>131</sup>A retrospective study  
*F. Alam (Bangladesh)*

10.50–11.00 Outcome of radioactive iodine therapy in hyperthyroidism—a study of 3097 cases over a period of 24 years  
*FA. Hussain (Bangladesh)*

11.00–11.10 Radioiodine therapy in patients of thyrotoxicosis from the Himalayan Goiter Belt of Kashmir, India (An Experience)  
*SH. Khan (India)*

11.10–11.20 Effect of radioiodine therapy on thyroid size and function in patients with Graves' hyperthyroidism  
*SR. Miah (Bangladesh)*

11.20–11.30 The effects of pretreatment with antithyroid drugs on the outcome of radioactive iodine treatment in Graves' hyperthyroidism: a comparative study of 200 cases  
*MM. Hoque (Bangladesh)*

11.30–11.40 Thyroid hormone level in 22 mentally retarded Bangladeshi children  
*DAT. Begum (Bangladesh)*

11.40–11.50 Sm-<sup>153</sup> EDTMP therapy for bone pain palliation in skeletal metastases: Indian Experience.  
*M. Tripathi (India)*

11.50–12.00 Our Experience in the application of <sup>32</sup>P for palliative treatment of painful disseminated bone metastases.  
*E. Purnomo (Indonesia)*

12.00-12.10 Incorporating <sup>99m</sup>Tc-MIBI scan in management algorithm of solitary thyroid nodule on showing cold lesion on pertechnetate scan  
*M. Sohaib (Pakistan)*

12.10–13.20 Lunch, Meeting of ASNM

**Proffer Paper**

**Chair:** *S. Asghar*

**Co-chair:** *Y. Saengsuda*

- 13.20–13.30 First pass radionuclide angiocardiology in assessment of right ventricular ejection fraction for management of patients with pulmonary regurgitation operated for tetralogy of fallot in adulthood  
*C. Patel (India)*
- 13.30-13.40 Nuclear medicine residency training program: Are we teaching residents the right stuff the right way?  
*TNB. Pascual (Philippines)*
- 13.40-13.50 Survival of differentiated thyroid carcinoma with lung and bone metastases treated by radioactive iodine 131I at Cho Ray Hospital, Viet Nam  
*XQ. Truong (Vietnam)*
- 13.50-14.00 Outcome of differentiated thyroid carcinoma following surgery and radio-iodine ablative therapy – A study with 269 patients in Centre for Nuclear Medicine & Ultrasound, Dhaka, Bangladesh  
*R. Akter (Bangladesh)*
- 14.00-14.30 Coffee break
- Chair:** *S. Tanada*
- Co-chair:** *T. Chaiwatanarat*
- 14.30–15.00 Invited lecture: Evolving role of FDG PET in managing infection and inflammation  
*A. Alavi (USA)*
- 15.00-15.30 Invited lecture: Radiolabelled antibody therapy for Lymphoma  
*F. Sundram (Malaysia)*
- 15.30-16.00 Invited lecture: MDR Phenomena and Molecular Imaging  
*S. Mankhetkorn (Thailand)*
- 16.00-16.30 Invited lecture: Experiences with radionuclide therapy in Siriraj Hospital, Thailand  
*P. Pusuwan (Thailand)*
- 16.30-17.00 The 9<sup>th</sup> World Congress of Nuclear Medicine and Biology in 2006 and Closing ceremony  
*MC. Lee (Korea)*

**Room 1**

**Proffer Paper**

**Chair:** *V. Lele*

**Co-chair:** *MT. Khoa*

- 10.20-10.30 Clinical experience with radioiodine therapy in the management of medullary thyroid carcinoma  
*S. Afroz (Bangladesh)*
- 10.30-10.40 Follow-up of post-treated differentiated thyroid carcinoma patients by serum thyroglobulin level on thyroxine  
*R. Begum (Bangladesh)*
- 10.40-10.50 The value of PET in DTC with negative WBS but with elevated thyroglobulin levels  
*EA. Barrenechea (Philippines)*
- 10.50-11.00 Primary hyperparathyroidism presenting as acute pancreatitis: diagnosis & surgical management by nuclear medicine techniques  
*PS. Sundaram (India)*
- 11.00-11.10 Gastric emptying scintigraphy in patients with corrosive ingestion  
*BR. Mittal (India)*
- 11.10-11.20 Lymphoscintigraphic evaluation of peripheral filarial lymphoedema in correlation with clinical findings  
*S. Miyanath (India)*
- 11.20-11.30 <sup>99m</sup>Tc-hynic-Annexin V scintigraphy for monitoring apoptosis of breast cancer MDA-MB-435 cells induced by mamoa extract alone and mixture of mamoa extract and Siamois red wine powder in cancerous nude mice  
*S. Dechsupa (Thailand)*
- 11.30-11.40 Clinical usefulness of SPECT/CT co-registration imaging  
*VPC. Magboo (Philippines)*
- 11.40-11.50 Asian School of Nuclear Medicine – Present and future  
*M. Hasan (Bangladesh)*

- 11.50-12.00 Radiation synovectomy with  $^{188}\text{Re}$ -tin colloid in histological study  
*E. Sereegotov (Mongolia)*
- 12.00-12.10 Incidence of post-injection synovitis following Yttrium-90 radiosynovectomy without concomittant steroid administration  
*EES. Ongkeko (Philippines)*
- 12.10-12.20 Assessment of peritoneal permeability - A new application of radioisotope technique  
*BK. Das (Malaysia)*
- 12.20–13.20 Lunch, Meeting of ASNM
- Proffer Paper**
- Chair:** *RS. Liu*
- Co-chair:** *S. Rajchadara*
- 13.20-13.30 Evaluation of thromboembolic disease using single dose dual phase scintigraphy  
*AR. Sharma (Sri Lanka)*
- 13.30-13.40 I-131-MIBG imaging in the diagnosis of pheochromocytoma: philippine setting  
*EB. Cruz (Philippines)*
- 13.40-13.50 Double phase parathyroid scintigraphy for the detection of parathyroid adenoma in patients presenting with nephrocalcinosis or recurrent nephrolithiasis and high parathormone level  
*F. Nasreen (Bangladesh)*
- 13.50-14.00 Evaluation of antimicrobial peptide  $^{99\text{m}}\text{Tc}$ -Ubiquicidin 29–41 as human infection-imaging agent  
*A. Qaisar (Pakistan)*
- 14.00-14.10 Role of radioimmunoassay in the prevention and diagnosis of diabetic nephropathy  
*AH. Jehan (Bangladesh)*
- 14.10–14.30 Coffee break
- 19.00 Farewell party ARCCNM

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**Wednesday 17th August 2005**

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Sightseeing tour