



**11:00-13:00**

**SESSION 2: CORRELATIVE IMAGING**

**Chairpersons: D. S. Berman, USA  
X.T. Lin, China**

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<b>Time</b>	<b>No.of paper IAEA-CN-88/</b>	<b>Name</b>	<b>Designating Member State/ Organization</b>	<b>Title of paper</b>
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**Invited Papers**

11:00-11:20	149.USA-5	J.J. Mahmarian	USA	Evolving strategies in the evaluation and treatment of ischaemic heart disease
11:20-11:40	164.USA-18	H.R. Schelbert	USA	Non-invasive assessment of coronary vasomotion in patients with coronary risk factors and with pre-clinical CAD
11:40-12:00	150.USA-6	J.J. Mahmarian	USA	The role of EBCT scanning in the era of preventive cardiology
12:00-12:20	134.CPR-29	Y.Q. Liu	China	Role of MRI in CAD
12:20-12:40	96.PAK-3	S. Mahmood	Pakistan	Nuclear Cardiology, Echocardiography, MRI, Angiography, Tomography: Which Test for Which Patient ?
12:40-13:00	140.ISR-3	J. Baron	Israel	Positron Emission Tomography in Nuclear Cardiology

**13:00-14:30**

**Lunch**

**14:30-16:20**

**SESSION 3: INSTRUMENTATION AND IMAGING TECHNIQUES**

**Chairpersons: S.Z. Chen, China  
W.H. Wong, USA**

**Invited Paper**

14:30-14:50	167.USA-22	B.M.W. Tsui	USA	Image degrading factors and their compensation in myocardial SPECT
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**14:50-16:20      Contributed Papers**

<b>No.of paper IAEA-CN-88/</b>	<b>Name</b>	<b>Designating Member State/ Organization</b>	<b>Title of paper</b>
128.USA-2	H. Abdel-Dayem for S.I. Heiba	USA	The value of low dose dobutamine (LDD) addition to routine dual isotope Gated SPECT myocardial imaging: a simple and useful new protocol
21.CPR-2	R. Shen et al.	China	Evaluation of left ventricular function by Tc-99m MIBI/F-18 FDG gated myocardial tomography with dual isotope simultaneous acquisition
22.CPR-3	R. Shen et al.	China	Clinical value of Emory quantitative analysis for evaluating left ventricular function by gated myocardial SPECT: A comparison with QGS
25.CPR-6	L.D. Zhi et al.	China	Phase analyses of biventricular pacing in patients with congestive heart failure
35.CPR-16	D. Lu et al.	China	Evaluating the usefulness of transmission CT (TCT) in the correction for attenuation in myocardial imaging
48.CRO-1	M. Lacic et al.	Croatia	Contribution of quantitative Bull's eye analyses to the evaluation of Tl-201 SPECT scan in one-day Stress-Redistribution –Re-injection protocol.
59.GRE -1	I. Iakovou et al.	Greece	Ordered-Subset-Expectation-Maximization reconstruction algorithm: the effect of different cut-off frequencies on the measurement of left ventricular functional parameters from Gated SPECT myocardial perfusion studies. Comparison with ERNA study
78.IRA-1	F. Saddadi et al.	Iran, Islamic Rep.of	OSEM in accurate evaluation of CAD using cardiac SPECT
83.ITA-1	M. Dondi et al.	Italy	Attenuation correction in myocardial SPECT perfusion imaging: preliminary results of a new technique employing medium energy Ba-133 point sources for transmission maps
95-PAK-2	M. Ayub et al.	Pakistan	Evaluation of pFAST for Assessment of Left Ventricular Ejection Fraction and Volumes: Comparison with ERNA and QGS
110.SIN-1	F. Keng et al.	Singapore	Gated -Photon Emission Computed Tomographic Blood Pool Determination of Left Ventricular Ejection Fraction and Volumes by a Count-Based Technique: Comparison with Planar Blood Pool Imaging and the Quantitative Blood Pool SPECT (QBS) Program
112.SLO-2	J. Fettich et al.	Slovenia	Influence of the size of the left ventricle on the result of ejection fraction determined by myocardial perfusion gated SPECT

**16:20-16:30      Tea/ Coffee**

**16:30–17:30**

**SESSION 4: EXPERIMENTAL STUDIES,  
RADIOPHARMACEUTICALS AND DOSIMETRY**

**Chairpersons: J.K. Chung, Korea, Rep. of  
J. Batista-Cuellar, Cuba**

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<b>Time</b>	<b>No. of paper IAEA-CN-88/</b>	<b>Name</b>	<b>Designating Member State/ Organization</b>	<b>Title of paper</b>
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**16:30-17:30**

**Contributed Papers**

29-CPR-10	N. Hou et al.	China	The experimental study of <sup>99m</sup> Tc-HL91 to detect myocardial hypoxia
30.CPR-11	H.C. Shi et al	China	An experimental study of motion artifacts on myocardial perfusion SPECT imaging
31.CPR-12	S. Wang et al.	China	Mitochondrial Mn-SOD Contributed to Anti-infarct Cardioprotection in Preconditioned Myocardium in Rat
33.CPR-14	W. Cao et al.	China	Study of <sup>99m</sup> Tc-Ap4A in the detection of Experimental Atherosclerotic plaques
40.CPR-21	S.J. Li et al.	China	The clinical use of myocardial gated SPECT imaging with Tc-99m N-NOEt
41.CPR-22	L. Quanyong et al.	China	Experimental study of the effect of Palladium-103 on the proliferation and apoptosis of vascular smooth muscle cells
42.CPR-23	W. Jincheng et al.	China	Preclinical Pharmacological Study of a New Myocardial Imaging Agent Tc-99m N(NOET) <sub>2</sub>
45.CPR-26	S. Zhao.	China	An experimental model of chronic myocardial hibernation: comparative study of cine-MRI, Tc-99m MIBI myocardial SPECT and histopathology
61.IND-2	S.V. Solav	India	Performance Evaluation of a New Two Component Kit for Tc 99m-MIBI and its comparison with Tc 99m-Sestamibi
79.IRA-2	H. Ghafourian	Iran, Islamic Rep.of	Dosimetry of Beta Emitter Source Y-90 , for Brachytherapy of Coronary Artery Disease

**15:00-17:00**

**Co-ordination Meeting**

All participants of the IAEA CRP on “Intravascular radionuclide therapy using liquid sources of radioactivity to prevent restenosis following PTCA” should attend. Problems related to the protocol etc will be discussed. Please see the Conference Desk for the meeting location.

**18:30**

**Reception/Dinner**

All participants are cordially invited.

## TUESDAY, 28 MAY 2002

**08:30-10:30**                      **SESSION 5:                      MYOCARDIAL PERFUSION SCINTIGRAPHY:  
GENERAL - 1**

**Chairpersons:                      W.Y. Qu, China  
G. Thomas, USA**

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<b>Time</b>	<b>No. of paper IAEA-CN- 88/</b>	<b>Name</b>	<b>Designating Member State/ Organization</b>	<b>Title of paper</b>
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### **Invited Paper**

08:30-08:50    136.FRA-1    J. Maublant                      France                      Myocardial perfusion imaging agents

### **08:50-10:30                      Contributed Papers**

17.COL-1	S. Merlano et al.	Colombia	Patterns of myocardial perfusion abnormalities in patients with pre-existing left bundle branch block in sestamibi studies
18.COL-2	S. Merlano et al.	Colombia	Expected utility of the rest Gated SPECT perfusion Myocardial Study at the Emergency Room compared to Troponins and non-guided hospitalization
32.CPR-13	H. Ma et al.	China	Acetazolamide Does not Increase the Asymmetry of Myocardial Perfusion Imaging
36.CPR-17	C. Ling et al.	China	The Role Of Evaluation Infarct-Related Artery using Rest Myocardial Perfusion Imaging For Myocardial Infarction Patients

<b>Time</b>	<b>No. of paper IAEA-CN-88/</b>	<b>Name</b>	<b>Designating Member State/ Organization</b>	<b>Title of paper</b>
	63.IND-4	R. Kumar et al.	India	Tc 99m-Tetrofosmin cardiac SPECT in the follow-up of patients after revascularization
	82.ISR-1	I. Garty et al.	Israel	ECG-Gated myocardial scintigraphy : Twenty years of self experience, development and struggle – Was it worth?
	98.PER-2	N. Alvarado Ruiz et al.	Peru	Optimization of dipyridamol perfusion studies using Atropine
	101.POL-1	M. Dziuk et al.	Poland	The comparison of SPECT and Gated SPECT studies in assess using the probability of coronary artery disease in patients after sub-maximal treadmill exercise test
	102.POL-2	M. Dziuk et al.	Poland	The value of quantitative and qualitative myocardial Gated SPECT
	103.POL-3	T. Budlewski et al.	Poland	Myocardial perfusion SPECT study (with Tc-99m MIBI) of patients in the early stages of post-myocardial infarction period
	104.POL-4	B. Birkenfeld et al.	Poland	Prognostic value of SPECT Myocardial Perfusion Scintigraphy in women suspected of Coronary Artery Disease

**10:30-11:00**

**Tea/Coffee**

**11:00-13:00**

**SESSION 6: MYOCARDIAL PERFUSION SCINTIGRAPHY:  
GENERAL - 2**

**Chairpersons: C.M. Zhu, China  
S. Borges-Neto, USA**

<b>Time</b>	<b>No. of paper IAEA-CN-88/</b>	<b>Name</b>	<b>Designating Member State/Organization</b>	<b>Title of paper</b>
<b>Invited Papers</b>				
11:00-11:20	143.JAP-1	S. Nishimura	Japan	Pharmacologic stress myocardial perfusion imaging
11:20-11:40	161.USA-16	D.S. Berman	USA	Added value of Gated SPECT
11:40-12:00	154.USA-9	S. Borges-Neto	USA	Additive diagnostic and prognostic value of combining perfusion and functional studies
<b>12:00-13:00 Contributed Papers</b>				
	120.TUR-2	C. Akincioglu	Turkey	Evaluation of the value of pulmonary radiopharmaceutical uptake in Tc-99m MIBI Myocardial Perfusion SPECT studies
	121.UK-1	G. Gnanasegaran	UK	Use of quantification in cardiac reporting: How does it change the clinical result
	122.UK-2	K.E. Britton et al.	UK	The evaluation of transmyocardial laser revascularization (TMR) by serial clinical assessment, cardiac Thallium-201 and MUGA studies
	123.UK.3	E. Reyes et al.	UK	Detection of myocardial perfusion abnormalities in patients with mild to moderate coronary artery stenoses: Comparison between Thallium-201, Tc-99m Sestamibi and Tc-99m Tetrofosmin myocardial perfusion using photon emission computed tomography (SPECT)
	130.USA-4	M.Y.H. Shen et al.	USA	Clinical Information Transforming American Nuclear Cardiology Services: Analysis of the U.S. Market from 1991-2000
	131.VIE-1	Bao, Pham Thi Minh et al.	Viet Nam	Comparison of myocardial perfusion imaging with tc-99m tetrofosimin to exercise electrocardiographic test and dobutamine stress echocardiography in detection of coronary artery disease

**13:00-14:30**

**Lunch**

**14:30-15:20**

**SESSION 7: RENOVASCULAR HYPERTENSION**

**Chairpersons: K.E. Britton, UK  
G. Huang, China**

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<b>Time</b>	<b>No. of paper IAEA-CN- 88/</b>	<b>Name</b>	<b>Designating Member State/ Organization</b>	<b>Title of paper</b>
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**Invited Paper**

14:30-14:45	135-CPR-30	X. J. Liu	China	Radionuclide Diagnosis of Renovascular Hypertension
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**14:45-15:20**

**Contributed Papers**

4.BGD-1	F. Alam	Bangladesh	Sensitivity of Captopril Enhanced Renogram depends on patient selection in Renovascular Hypertension
14.CHI-1	P. Orellana et al.	Chile	Nuclear medicine in the study of arterial hypertension in children
116.SYR-2	M. Zein et al.	Syrian Arab Republic	Role of captopril-enhanced renal scintigraphy in the diagnosis of renovascular hypertension in the transplanted kidney
125.URU-1	O. Alonso	Uruguay	Tc 99m –DTPA Renography enhanced with Angioten using –II receptor antagonist drugs in the diagnosis of renovascular hypertension: Preliminary Results

**15:20-15:30**

**Tea/Coffee**

**15:30-17:30**

**SESSION 8: ROUND TABLE ON GLOBAL STATUS OF NUCLEAR CARDIOLOGY**

**Chairpersons:** **S. Groth (IAEA), H. Amaral (World Federation of Nuclear Medicine and Biology), X. J. Liu (China)**

**Panelists:** Maximum time allotted for each panelist: 7 minutes

A.K. Padhy	IAEA	Programmatic Activities of IAEA in Nuclear Cardiology
M.C. Lee and F.X. Sundram	Korea, Rep. of Singapore	Current status of Nuclear Cardiology Practice in Asian Countries
S. R. Zakavi	Iran, Islamic Rep.of	Nuclear cardiology in the Developing Countries of West Asia
A. Ellmann	South Africa	Nuclear cardiology in the Developing Countries of Africa
J. Fettich	Slovenia	Nuclear cardiology in the Developing Countries of Europe
F. Mut Bastos	Uruguay	Nuclear cardiology in the Developing Countries of Latin America
G. Thomas	USA	Nuclear cardiology services in the USA
S. Nishimura	Japan	Nuclear cardiology services in Japan
R. Underwood	UK	Nuclear cardiology services in Europe
M. Shen	USA	Optimizing information flow for nuclear cardiology market. Future application of cardiovascular informatics.

**Discussion**

**18:30-20:00**

**Reception and lectures**

All participants are cordially invited.

18:30 Reception

19:10 Lectures:

Optimized SPECT Imaging for Myocardial Perfusion and Viability, D.S. Berman  
Imaging Challenges – Cardiac PET, H.R. Schelbert

## WEDNESDAY, 29 MAY 2002

08:30-09:45

**SESSION 9: RADIONUCLIDE ANGIOGRAPHY,  
VENTRICULOGRAPHY, MYOCARDIAL  
INFARCT IMAGING**

**Chairpersons: S. Asghar, Pakistan  
D. Jain, USA**

Time	No. of paper IAEA-CN-88/	Name	Designating Member State/ Organization	Title of paper
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### Invited Papers

08:30-08:50	144.SIN-2	T. Chua	Singapore	Assessment of ventricular function by radionuclide Angiography
09:10-09:30	156.USA-11	J. Borer	USA	Management-Decision making in patients with regurgitant valvular heart disease: The role of radionuclide cine-angiography

09:30-09:45

### Contributed Papers

49.CUB-1	A. Peix	Cuba	Assessment of ventricular synchronization by Fourier Analysis in radionuclide Angiography
62.IND-3	R. Kumar	India	Estimation of left ventricular function by radionuclide ventriculography in Epidemic Dropsy

09:45-10:30

### SESSION 10: POSTER VIEWING (ALL POSTERS)

**Chairpersons: D. Howarth, Australia  
A. Barrenechea, Philippines**

2P	G. Khachatryan	Armenia	The significance of myocardial SPECT in patients with hypertensive disease
5P	F. Kabir	Bangladesh	Present Status of Nuclear Cardiology in Bangladesh
6P	A.H. Jehan	Bangladesh	“Thymoma”, an incidental finding during myocardial perfusion study using Tc-99m Tetrofosmin: A case report

<b>Time</b>	<b>No. of paper IAEA-CN-88/</b>	<b>Name</b>	<b>Designating Member State/ Organization</b>	<b>Title of paper</b>
	7P	Z. Rajkovaca	Bosnia and Herzegovina	Non-recognised pulmonary thromboembolism – case study
	23P	L.P. Song	China	The Clinical Value of Captopril Test in Conjunction with Losartan Renography for Detection of Renovascular Hypertension
	28P	Y.P. Hou	China	The comparative study of diagnostic value for regional myocardial infarction with radionuclide myocardial imaging and three kinds of electrocardiac methods
	39P	R.F. Wang	China	Clinical study of the Tc99m-RBC gated cardiac blood pool imaging
	43P	R.F. Wang	China	The clinical value of transmission attenuation correction (AC) in myocardial perfusion or metabolic imaging
	44P	Z. Xu	China	The effect of Dose Distribution by the Air Bubble for Intracoronary restenosis intrabaloon brachytherapy
	46P	Z. Yao	China	Comparison of Tc-99m MIBI Myocardial SPECT and EBCT for detecting coronary artery disease in patients without myocardial infarction
	47P	Z. Yao	China	ATP Myocardial perfusion Image is A good Method for Detecting Coronary Artery Disease
	55P	S. Frangos	Cyprus	Development and promotion of Cardiovascular Nuclear Medicine in Cyprus
	56P	O. Kraft	Czech Republic	Left ventricular pseudoaneurysm – Diagnosed by radionuclide ventriculography: A case report
	58P	S. Nazarenko	Estonia	Nuclear Cardiology in Estonia
	70P	S. Gambhir	India	Prevention of contrast induced nephropathy in diabetics undergoing cardiac angioplasty: A Radionuclidic Study
	72P	S. Sundaram	India	Interpretational patterns in stress-rest Tc-99m MIBI Myocardial Perfusion Gated SPECT Imaging
	76P	B.K. Das	India	Comparison of a standard glomerular and a newly developed tubular agent (Tc-99mEC) in the diagnosis of renovascular hypertension

<b>Time</b>	<b>No. of paper IAEA-CN-88/</b>	<b>Name</b>	<b>Designating Member State/ Organization</b>	<b>Title of paper</b>
	77P	R. Ruslami	Indonesia	Radionuclide ventriculography in the assessment of cardiac function in hyperthyroidism patients before and after antithyroid drug treatment
	80P	M.A. Al Eid	Iraq	Role of Radionuclide Cardiac Studies in Detection and Evaluation of Congenital Heart Diseases
	81P	A. Al-Eid	Iraq	Effect of Hypothyroidism on Left Ventricular Ejection Fraction in Thyroid Cancer Patients
	84P	M. Zaguovskaya	Kazakhstan	Special features of localization by myocardial perfusion scintigraphy in diagnostic of coronary arterial disease in patients exposed by ionizing radiation
	85P	I. Kulakiene	Lithuania	Comparison between Tc-99m Sestamibi myocardial perfusion imaging and bicycle exercise test results
	86P	J. Maksimovic Pavlovic et al.	The Former Yug. Rep. of Macedonia	Evaluation and correlation of left ventricular diastolic dysfunction and myocardial perfusion scintigraphy findings in patients with coronary artery disease
	88P	J. Maksimovic Pavlovic et al.	The Former Yug. Rep. of Macedonia	Myocardial perfusion imaging in the evaluation of rest and post-stress left ventricular function, myocardial viability and ischaemia in patients with ischaemic cardiomyopathy
	92P	P. Onkhuudai	Mongolia	Current status of nuclear medicine in Mongolia
	93P	K. von Wenzel-Obholzer	Namibia	Nuclear Cardiology in a Developing Country
	4P	H. Naseer	Pakistan	Role of multigated acquisition in the assessment of left ventricular function and adriamycin toxicity in paediatric cancer patients
	107P	A. Zamfirescu	Romania	Underutilization of nuclear cardiology techniques in Romania
	114P	Y.Z. Al-Abideen Mohammad	Sudan	Comparison of different modalities in the diagnosis of coronary artery disease (ECG, ETT, Angiography, Rest & Stress ECHO and Myocardial Perfusion Scintigraphy)
	115P	O. Zghaier	Syrian Arab Republic	Al Bassel Heart Institute Experience in Nuclear Cardiology
	118P	S. Boonyaprapa	Thailand	Radionuclide imaging in Takayasu's arteritis with coronary to pulmonary artery shunt: A case report
	119P	B. Caner et al.	Turkey	Hemodynamic effects, ECG changes and side effects of dobutamine infusion in 150 patients

**08:30-10:30**

**Editorial Meeting of the World Journal of Nuclear Medicine**

Participants: Editors in Chief, Executive Editors, Honorary Editor,  
Regional Editors, Assistant Editors.

Please see the Conference Desk for meeting location.

**10:30-11:00**

**Tea/Coffee**

**11:00-12:30**

**SESSION 11: OPTIMIZATION OF CARDIOVASCULAR  
NUCLEAR MEDICINE**

**Chairpersons: F. X. Sundram, Singapore  
R. Underwood, UK**

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<b>Time</b>	<b>No. of paper IAEA-CN- 88/</b>	<b>Name</b>	<b>Designating Member State/ Organization</b>	<b>Title of paper</b>
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**Invited Papers**

11:00-11:20	145.SIN-3	T. Chua	Singapore	Choice of radiotracers and imaging protocols
11:20-11:40	155.USA-10	D. Jain	USA	Artifacts in myocardial perfusion imaging: Identification, correction and elimination
11:40-12:00	158.USA-13	G. Thomas	USA	Supercharging pharmacologic stress with the addition of simultaneous exercise
12:00-12:20	139.ISR-2	J. Baron	Israel	Quality Assurance in Nuclear Cardiology

**12:20-12:30**

**Discussion**

**12:30**

**Lunch**

## THURSDAY, 30 MAY 2002

08:00-10:30

**SESSION 12: MYOCARDIAL VIABILITY,  
RISK-STRATIFICATION AND  
PROGNOSTICATION – 1**

**Chairpersons: J. Fettich, Slovenia  
H. R. Schelbert, USA**

<b>Time</b>	<b>No. of Paper IAEA-CN- 88/</b>	<b>Name</b>	<b>Designating Member State/ Organization</b>	<b>Title of paper</b>
<b>Invited Paper</b>				
08:00-08:20	151.USA-6	J.J. Mahmarian	USA	Value of Nuclear Imaging in risk-stratification and guiding therapies
<b>Contributed Papers</b>				
	12.BUL-3	M. Garcheva et al.	Bulgaria	Comparison between Gated-SPECT and Nitrate Enhanced Images with Tc-99m Sestamibi for Myocardial Viability Determination
	13.BUL-4	S. Milanov et al.	Bulgaria	99mTc-MIBI Myocardial perfusion scintigraphy under the action of nitrate administration for detection of viable myocardium
	24.CPR-5	Y.Q. Tian et al.	China	Evaluation of myocardial viability in patients with myocardial infarction and left ventricular dysfunction by myocardial SPECT with Tc 99m - MIBI/18F-FDG Dual Isotope Simultaneous Acquisition
	34.CPR-15	H. Wu et al.	China	Evaluation of myocardial viability – A comparative study using Dobutamine Doppler tissue imaging and nitroglycerine intervened Tc-99m Sestamibi myocardial SPECT
	37.CPR-18	W. Zhao et.al	China	Optimization of Dual-Isotope Myocardial Imaging Parameters with Tc-99m MIBI and F 18-FDG SPECT
	51.CUB-3	A. Peix et.al	Cuba	Tc-99m MIBI myocardial perfusion scintigraphy for predicting one year outcome in women referred for chest pain evaluation

65.IND-6	R. Krishnakumar et al.	India	Prediction of vascular insufficiency in anticipated large vessel Sacrifice
67.IND-8	G.N. Mahapatra et al.	India	Value of myocardial perfusion imaging study in decision making of patients
71.IND-12	G. Rijju et al.	India	The Nitroglycerine augmented Tc-99m Tetrofosmin viability scan in patients of left ventricular dysfunction due to ischaemic cardiomyopathy
137.IND-18	B.A. Krishna et al.	India	Nitrate augmented Thallium Study in viability detection
87.MAK-2	J. Maksimovic Pavlovic et al.	The Former Yug. Rep. of Macedonia	Diagnostic and prognostic evaluation of coronary artery disease in diabetic versus non-diabetic patients myocardial perfusion SPECT
89.MAK-4	V. Majstorov et al.	The Former Yug. Rep. of Macedonia	Nitrate enhanced Tc-99m sestamibi Gated SPECT in the assessment of myocardial viability
90.MEX-1	E. N. Garcia et al.	Mexico	Myocardial viability detection by Tl-201 Myocardial SPECT. Early and delayed images comparison
97.PER-1	N. Alvarado Ruiz et al.	Peru	Evaluation of myocardial viability using Isorbide augmented Thallium reinjection protocol

**10:30-11:00**

**Tea/Coffee**

**11:00-12:00**

**SESSION 13: MYOCARDIAL VIABILITY,  
RISK-STRATIFICATION AND  
PROGNOSTICATION – 2**

**Chairpersons: A. Cuocolo, Italy  
S. Groth, IAEA**

<b>Time</b>	<b>No. of paper IAEA-CN- 88/</b>	<b>Name</b>	<b>Designating Member State/ Organization</b>	<b>Title of paper</b>
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**Invited Paper**

11:00-11:15	105.ROK-1	J.K. Chung et al.	Korea, Rep. of	Time course of functional recovery after revascularization according to preoperative reversibility of perfusion impairment in ischemic myocardial dysfunction
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**11:15-12:00**

**Contributed Papers**

99.PHI-1	J. Obaldo et al.	Philippines	Prognostic significance of minor labeling defects in Tl-201 myocardial perfusion scintigraphy
109.SAF-1	A. Ellmann et al.	South Africa	The prognostic significance of normal Tc-99m MIBI myocardial perfusion imaging over a four year follow-up period
117.THA-1	S. Tepmongkol et al.	Thailand	Potential role of trimetazidine enhanced myocardial perfusion uptake in the evaluation of coronary collaterals
126.URU-2	F. Mut Bastos et al.	Uruguay	Identification of myocardial stunning by means of Gated Perfusion SPECT in patients undergoing ischaemic stress tests
127.USA-1	H. Abdel-Dayem for S.I. Heiba et al.	USA	The Diagnostic Value of Transient Post-ischemic Stunning in Gated SPECT Myocardial Perfusion Imaging
129.USA-3	H. Abdel-Dayem for S.I. Heiba	USA	Transient Myocardial Stunning in Gated SPECT Thallium-201 Myocardial Imaging: Comparison Between Methods of Stress Testing

**12:00-13:30**                      **SESSION 14:            INTERACTIVE SESSION –  
READ WITH THE EXPERT**

**Chairpersons:            R. Underwood, UK  
D. Jain, USA**

**13:30-14:30**                      **Lunch**

**14:30-16:30**                      **SESSION: 15            GENERAL TOPICS – 1**

**Chairpersons:            H.X. Ma, China  
J. Obaldo, Philippines**

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<b>Time</b>	<b>No. of paper IAEA-CN-88/</b>	<b>Name</b>	<b>Designating Member State/ Organization</b>	<b>Title of paper</b>
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**Invited Papers**

14:30-14:50	153.USA-8	W.H Wong	USA	Development of high-resolution, low-cost PET Camera
14:50 –15:10	157.USA-12	G. Thomas	USA	An evaluation of the prognostic power of myocardial perfusion imaging in a community based nuclear cardiology setting
15:10-15:30	142.ITA-3	A. Cuocolo	Italy	Clinical decision making in patients with ischaemic left ventricular dysfunction

**15:30-16:30**                      **Contributed Papers**

3.AUS-1	D.M. Howarth et al.	Australia	The expanding role of radiopharmacological stress Tc-99m Sestamibi myocardial perfusion imaging in an ageing Australian population
9.BRA-2	J. Soares jr.	Brazil	Gallium-67 scintigraphy in the diagnosis and follow-up of rheumatic carditis
11.BUL-2	A. Klissarova	Bulgaria	Tc-99m MIBI-SPECT Study in patients with iron-deficiency anaemia and cor anaemicum: Correlation with ultra sound and experimental model
26.CPR-7	X.L. Zhang	China	99mTc-MIBI myocardial SPECT imaging in evaluation of outcome in patients after coronary angioplasty

<b>Time</b>	<b>No. of paper IAEA-CN-88/</b>	<b>Name</b>	<b>Designating Member State/ Organization</b>	<b>Title of paper</b>
	38.CPR-19	Wang, Rong Fu et al.	China	The clinical value of radionuclide myocardial perfusion imaging in the diagnosis of pediatric viral myocarditis
	66.IND-7	P. Dougall et al.	India	Ejection fraction and left ventricle volumes estimated by MIBI Gated SPECT : Comparison of EF with contrast angiography and 2D Echocardiography
	68.IND-9	D.K.Hazra	India	Radionuclide assessment of left ventricular function in asymptomatic diabetics and in the Agra diabetic preventive intervention study high risk group: offspring of biparental diabetics

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**15:30-17:30 Co-ordination Meeting**

Participants of the IAEA's Thematic CRP on "Liver Cancer" should attend this meeting which will take stock of the progress in the CRP. Please see the Conference Desk for Meeting location.

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**16:30-16:45**

**Tea/Coffee**

**16:45-18:00**

**SESSION 16: GENERAL TOPICS – 2**

**Chairpersons: M.C. Lee, Korea, Rep. of  
S. Merlano, Colombia**

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<b>Time</b>	<b>No. of paper IAEA-CN-88/</b>	<b>Name</b>	<b>Designating Member State/ Organization</b>	<b>Title of paper</b>
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**Invited Paper**

16:45-17:05		J. Kropp	Germany	Intravascular radionuclide therapy using liquid Re-188 filled balloon to prevent restenosis following PTCA: Dresden Experience
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**17:05-18:00**

**Contributed Papers**

71.IND-12	G. Rijju	India	Evaluation of cerebro-vascular disease using brain SPECT imaging in patients prior to coronary artery bypass surgery
73.IND-14	S. Basu	India	Effect of adenosine on left ventricular functional parameters in post-stress and rest gated SPECT myocardial perfusion imaging (MPI) using Tc 99m-Tetrofosmin in Same day perfusion- function imaging protocol : Comparison of results with those of bicycle stress
106.ROM-1	A.C. Chirion et al.	Romania	Diagnostic and ventricular function assessment by radionuclide techniques in patients with idiopathic dilated cardiomyopathy
111.SLO-1	J. Fettich	Slovenia	Abnormal sympathetic heart innervation in congenital arrhythmogenic heart disease
113.SLV-1	J. Lepej	Slovakia	Thallium 201 washout and cardiac tomography (SPECT) in the evaluation of patients with insulin resistant and microvascular angina pectoris

**18:30**

**Reception/Dinner**

All participants are cordially invited.

## FRIDAY, 31 MAY 2002

**08:00-09:00**                      **SESSION 17:   ATHEROSCLEROSIS, PULMONARY IMAGING**

**Chairpersons:   S. Nishimura, Japan**  
**S. Mahmood, Pakistan**

<b>Time</b>	<b>No. of paper IAEA-CN- 88/</b>	<b>Name</b>	<b>Designating Member State/ Organization</b>	<b>Title of paper</b>
<b>Invited Paper</b>				
08:00-08:20	166.USA-21	J. Narula	USA	Nuclear imaging of atherosclerosis: Facts and Fantasies
<b>08:20-09:00</b>	<b>Contributed papers</b>			
	15.CHI-2	P. Orellana	Chile	Impact of V/Q scintigraphy in the clinical management of patients
	20.CPR-1	W. Fang	China	Radioimmunoimaging of experimental pulmonary embolism with Tc-99m labeled monoclonal antibody – SZ51
	27.CPR-8	X.M. Wang	China	Evaluation of the relationship between deep venous thrombosis and pulmonary embolism with radionuclide techniques
	1.ARG-1	V.E. Soroa	Argentina	Deep venous thrombosis studied with HMPAO-Tc99m platelets, is it worth?
		S.K. Chirala	India	In-111 – Oxine heterologous platelet scintigraphy in the diagnosis of the active ventricular and left atrial thrombi

**09:00-10:30**

**SESSION 18: PET & MOLECULAR CARDIOVASCULAR  
NUCLEAR MEDICINE**

**Chairpersons: K.E. Britton, UK  
J. Narula, USA**

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<b>Time</b>	<b>No. of paper IAEA-CN-88/</b>	<b>Name</b>	<b>Designating Member State/ Organization</b>	<b>Title of paper</b>
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**Invited Papers**

09:00-09:30	159.USA-14	H.M. Abdel- Dayem	USA	Apoptosis in cardiovascular diseases
09:30-10:00	163.USA-19	H.R. Schelbert	USA	Non-invasive demonstration of phenotypic alterations in genetically modified mice using micro PET
10:00-10:20	140.ISR-3	J. Baron	Israel	PET in nuclear cardiology

**10:20-10:30**

**Contributed Paper**

54.CUB-6	J.F. Batista- Cuéllar et al.	Cuba	Gene therapy follow-up using Tc-99m Sestamibi Gated SPECT in a porcine model of coronary artery disease: Preliminary Report
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**10:30-11:00**

**Tea/ Coffee**

**11:00-12:00**

**CLOSING SESSION**

**Chairpersons: S. Groth, IAEA  
X.J. Liu, China**

11:00-11:30	162.USA-17	D.S. Berman	USA	Future trends in nuclear cardiology
11:30-12:00		A.K. Padhy Z. X He	IAEA China	Highlights

**12:00-12:15**

**CLOSING REMARKS**