

5th EUROPEAN SYMPOSIUM ON PAEDIATRIC NUCLEAR MEDICINE



Paediatric Committee of the
European Association of Nuclear Medicine

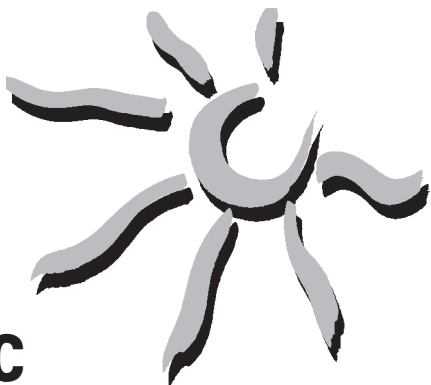
Societat Catalana de Medicina Nuclear

FINAL PROGRAMME

May 25-28, 2006
Park Hotel San Jorge
Platja d'Aro
GIRONA (Spain)



5th EUROPEAN SYMPOSIUM ON PAEDIATRIC NUCLEAR MEDICINE



Paediatric Committee of the
European Association of Nuclear Medicine

Societat Catalana de Medicina Nuclear

SYMPOSIUM VENUE:

May 25-28, 2006

Park Hotel San Jorge

Tel. 34 972 65 23 11 - Fax 34 972 65 25 76

17251 PLATJA D'ARO - GIRONA (SPAIN)

CHAIRMAN OF THE PAEDIATRIC COMMITTEE OF THE EANM

Lorenzo Biassoni

PRESIDENT OF THE SOCIETAT CATALANA DE MEDICINA NUCLEAR

Yvonne Ricart

SECRETARY OF THE SYMPOSIUM

Isabel Roca

ORGANIZING COMMITTEE

Santiago Agudé

Joan Castell

Montserrat Estorch

Carmen García-Alonso

José Manuel González-González

Miguel Àngel Hernández-Fructuoso

Montserrat Minoves

Africa Muxí

Domènec Ortega

Francesc Porta

Yvonne Ricart

SCIENTIFIC COMMITTEE

Lorenzo Biassoni

Arianne Boubaker

Diego De Palma

Jure Fettich

Jørgen Frøkiær

Isky Gordon

Levent Kabasakal

Mercedes Mitjavila

Pierre Olivier

Amy Piepsz

Jan Stauss

SCIENTIFIC SECRETARIAT

Address:

Fifth European Symposium on Paediatric

Nuclear Medicine

Servei de Medicina Nuclear

HGU Vall d'Hebron

08035 BARCELONA

Phone: + 34 93 2746055

+ 34 93 2746122 Ext. 6369

Fax: + 34 93 2746225

Email: 5esopnm@thesaurus.net

Web: www.5esopnm.thesaurus.net

ORGANIZING SECRETARIAT

Viajes NL

Camino de la Cruz, 1

28023 MADRID

Phone: + 34 91 3573949

Fax: + 34 91 3573981

SYMPOSIUM VENUE:

May 25-28, 2006

Park Hotel San Jorge

Tel. + 34 972 652311 - Fax + 34 972 652576

17251 PLATJA D'ARO - GIRONA (SPAIN)

THURSDAY, MAY 25th, 2006

	<p>Arrival of the participants</p> <p>Registration: Final programme, congress CD and documents delivery.</p>
13.30 - 15.00	Lunch
15.00 - 16.00	<p>Interactive session: GI TRANSIT (oesophagus, stomach, bowel) Mike Mann Chairperson: GC. Ciofetta Experts: S. Agudé, D. De Palma</p>
16.00 - 17.00	<p>Interactive session: PAEDIATRIC OSTEOPOROSIS AND DEXA Helen Nadel Chairperson: J. Fettich Experts: L. Del Rio, F. Gungor</p>
17.00 - 18.00	<p>Interactive session: TREATMENT OF HYPERTHYROIDISM Carlos M. Duncker Chairperson: M. Estorch Experts: I. Gomez-Segovia, J. Castell</p>
18.00 - 19.00	<p>Poster session / meet the authors: MISCELLANEOUS LAST MINUTE POSTERS Chairpersons: T. Lynch, PF. Rambaldi</p>

FRIDAY, MAY 26th, 2006

08.30 - 09.00	Invited lecture: NEONATAL HYDRONEPHROSIS Stephen Koff Chairperson: I. Roca
09.00 - 10.30	Interactive session: NEONATAL HYDRONEPHROSIS Monica Rossleigh Chairperson: R. Sixt Experts: I. Gordon, S. Koff
10.30 - 11.00	Coffee-break
11.00 - 12.30	Oral session / meet the authors: NEPHROLOGY I: NEONATAL HYDRONEPHROSIS Chairpersons: A. Boubaker, M. Rossleigh
12.30 - 13.30	Poster session NEPHROLOGY Chairpersons: S. Bouyoucef, P. Zuchetta
13.30 - 15.00	Lunch
15.00 - 15.30	Invited lecture: VUR: WHAT ARE WE IMAGING? Isky Gordon Chairperson: J. Fettich
15.30 - 17.00	Interactive session: ACUTE PYELONEPHRITIS Diego De Palma Chairperson: A. Piepsz Experts: A. Boubaker, A. Eskild-Jensen
17.00 - 18.00	Oral session / meet the authors: NEPHROLOGY II: ACUTE PYELONEPHRITIS Chairpersons: J. Stauss, H. Nadel

SATURDAY, MAY 27th, 2006

08.30 - 09.00	Invited lecture: IMPLEMENTING A PAEDIATRIC PET-CT Barry Shulkin Chairperson: L. Biassoni
09.00 - 10.30	Interactive session: PET IN PAEDIATRIC ONCOLOGY Cristina Gámez Chairperson: I. Carrió Experts: C. Franzius, T. Pfluger
10.30 - 11.00	Coffee-break
11.00 - 12.30	Oral session / meet the authors: PET / PAEDIATRIC ONCOLOGY Chairpersons: R. Howman-Giles, T. Pfluger
12.30 - 13.30	Poster session PET / PAEDIATRIC ONCOLOGY Chairpersons: X. Setoain, B. Shulkin
13.30 - 15.00	Lunch
15.00 - 15.30	Invited lecture: NEUROBLASTOMA: A MEDICAL ENIGMA Robert Howman-Giles Chairperson: M. Mitjavila
15.30 - 16.30	Interactive session: PAEDIATRIC ONCOLOGY (no PET) Lorenzo Biassoni Chairperson: K. Hahn Experts: S. Gallego, J. Zaknun
16.30 - 17.00	Proposal of multicenter studies
17.00 - 17.30	Closure of the Symposium

SCIENTIFIC INFORMATION

Oral Sessions

Lecture time will be 8 minutes, plus discussion.
Papers will be published in Symposium CD-Rom.

Official language for scientific sessions: English.

Posters

The posters will be exhibited in the hall throughout the Symposium.

PUBLICATION

CD-Rom

All the participants will receive a CD-Rom with the contents of the Symposium.

Other copies will be available at the Symposium Secretariat. This year, the congress CD-Rom will also include the contents of the 3rd and the 4th Symposia, as well as the photos of the previous meetings.

REGISTRATION

All the participants will receive their documentation at arrival in the Symposium Secretariat - Park Hotel San Jorge.

On site registration

Symposium Secretariat at

Park Hotel San Jorge

Tel. +34 972 652311 - Fax +34 972 652576

17251 PLATJA D'ARO - GIRONA

SCIENTIFIC SESSIONS

Thursday, May 25th, 2006 15.00 - 19.00

Friday, May 26th, 2006 08.30 - 18.00

Saturday, May 27th, 2006 08.30 - 17.30

REGISTRATION FEES:

INSCRIP MEMBER*	450 €
INSCRIP NON-MEMBER	530 €
PHYSICIAN IN TRAINING**	370 €
TECHNOLOGIST**	370 €
ACCOMPANYING PERSON	170 €

*member of the EANM, SCMN, SEMN

**with certificate

3 days, including:

- bus shuttle from and to Barcelona or Girona Airports (on Thursday morning and Sunday)
- scientific sessions
- congress CD-Rom
- 3 lunches in Park Hotel San Jorge
- coffee-breaks

ACCOMODATION FEES:

PARK HOTEL SAN JORGE **** single	390 €
PARK HOTEL SAN JORGE **** double, 2 persons	660 €

APARTHOTEL COMTAT SANT JORDI *** single	250 €
APARTHOTEL COMTAT SANT JORDI *** double, 2 persons	360 €

3 days, including:

- Room and Breakfast in the choosed hotel
- Dinners in Park Hotel San Jorge (congress venue)
- Including gala dinner on Saturday night.

SOCIAL PROGRAMME:

THURSDAY, MAY 25th, 2006

- Bus from Barcelona/Girona Airport (morning)
- Registration at the Congress Venue:
Final programme, congress CD and documents delivery
- Lunch
- Scientific session
- Welcome Dinner

FRIDAY, MAY 26th, 2006

- Scientific session
- Lunch
- Scientific session
- Dinner with Habaneras
- Accompanying persons: optional activities

SATURDAY, MAY 27th, 2006

- Scientific session
- Lunch
- Scientific session
- Farewell Dinner with closing remarks and delivery of Prizes
- Accompanying persons: optional activities

SUNDAY, MAY 28th, 2006

- Bus to Barcelona//Girona Airport

GENERAL INFORMATION

The congress venue is located 110 km in the North of Barcelona, in the Costa Brava, between Platja d'Aro, Calonge and Palamos. The hotel is built on the coast, in the middle of an 8 km coast of rocks, pine trees and small beaches, with a fantastic «camino de Ronda», a path running along the side of the sea.

As there is 1 1/4 hour trip by motorway between Barcelona and the congress venue, please note that the **REGISTRATION FEES** include:

- the scientific sessions
- 3 lunches and coffee-breaks (Thursday, Friday and Saturday)
- 2 travels of a bus shuttle between Barcelona/Girona Airport and the Hotel, on Thursday morning and on Sunday (the timetable will be sent to the registered participants).
- A CD-Rom which includes the lectures, interactive sessions, abstracts and oral presentations or poster contents.

As the hotel will be closed for our meeting, everyone interested in Paediatric Nuclear Medicine will have the possibility to live together for 3 days in a pleasant atmosphere and a wonderful environment.

The meeting room has a limited capacity, for **175 people**, which is convenient for lots of active participation.

Close to the congress venue, there is a ***hotel, Aparthotel Comtat Sant Jordi just 5 minutes walking distance.

PRIZES

The organization will award the following prizes:

- **poster with higher clinical relevance**
Award of the Catalan Society of Nuclear Medicine
- 600 Euros
- **most interesting poster** / popular election
- **poster with more beautiful images** / popular election
- **funnier poster** / popular election
Award of the Sociedad Española de Medicina Nuclear

THURSDAY, MAY 25th, 2006

13:30 - 18:00

- 13.30 - 15.00 Lunch
- 15.00 - 16.00 Interactive session:
GI TRANSIT (oesophagus, stomach, bowel)
Mike Mann
Chairperson: GC. Ciofetta
Experts: S. Agudé, D. De Palma
- 16.00 - 17.00 Interactive session:
PAEDIATRIC OSTEOPOROSIS AND DEXA
Helen Nadel
Chairperson: J. Fettich
Experts: L. Del Rio, F. Gungor
- 17.00 - 18.00 Interactive session:
TREATMENT OF HYPERTHYROIDISM
Carlos M. Duncker
Chairperson: M. Estorch
Experts: I. Gomez-Segovia, J. Castell
- 18.00 - 19.00 Poster session / meet the authors:
**MISCELLANEOUS
LAST MINUTE POSTERS**
Chairpersons: T. Lynch, PF. Rambaldi
- P-MISC1** A13 BONE DENSITY IN YOUNG, HEALTHY SPANISH CHILDREN AND ADOLESCENTS
L. Del Rio, S. Di Gregorio, CETIR, Centre Mèdic, Barcelona, SPAIN,
- P-MISC2** A15 FAT MASS ASSESMENT BY DXA IN TEENAGERS WITH HYPERANDROGENISM.
S. Di Gregorio, Del Rio L, Ibáñez L, Sole C, Ferrer A. , Bonel E. CETIR, Centre Mèdic, Barcelona, SPAIN,

THURSDAY, MAY 25th, 2006

18:00 - 19:00

- P-MISC3** A14 REGIONAL FAT MASS DISTRIBUTION FOLLOW-UP ASSESSED BY DXA IN TEENAGERS WITH HYPERANDROGENISM
S. Di Gregorio; L. Del Rio; L. Ibañez; C. Sole; A. Ferrer; E. Bonel; CETIR, Centre Mèdic, Barcelona, SPAIN,
- P-MISC4** A12 PERFORMANCE OF THE LUNAR INFANT TOTAL BODY SOFTWARE IN NEWBORNS AND PRETERM INFANTS
L. Del Rio, S. Di Gregorio I, P. Pludowski, J. Czech-Kowalska, A. Dobrzanska, K. Vandenbulcké⁴, R. Lorenc. CETIR, Centre Mèdic, Barcelona, SPAIN,
- P-MISC5** A17 CHRONIC PEDIATRIC OSTEOMYELITIS: 99MTC SCINTIGRAPHY VS RMI
B. Intriago, R. Siurana, M. Pérez-Lago, S. Lafuente, V. Izquierdo, A. Pujol, A. Ramos, C. Mtez.-Vírgala. Hospital Joan XIII. Tarragona.
- P-MISC6** A4 BONE SCINTIGRAPHY AND AVASCULAR NECROSIS IN PAEDIATRIC ONCOLOGY: EXPERIENCE AT A CHILDREN'S HOSPITAL.
EL Thomas, R Troedson, Princess Margaret Hospital for Children, Roberts Road, Subiaco, Perth Western Australia 6008
- P-MISC7** A31 VALUE OF MYOCARDIAL PERFUSION SCINTIGRAPHY IN PEDIATRIC PATIENTS WITH HYPERLIPIDEMIA
P.O.Kiratli, M.Caglar*, I. Erdogan, S. Özkutlu Hacettepe University Medical Center Department of Nuclear Medicine* and Pediatric Cardiology Unit*

THURSDAY, MAY 25th, 2006

18:00 - 19:00

- P-MISC8** A8 STRESS-REST MYOCARDIAL PERFUSION SCINTIGRAPHY IN THE STUDY OF CORONARY ALLOGRAFT VASCULOPATHY (CAV) IN YOUNG PATIENTS.
Garganese MC (1), Ciofetta G (1), Turchetta A (2), Parisi F (3). Nuclear Medicine (1), Cardiorespiratory and Sport Medicine (2) and Cardiology (3)Units, Ospedale pediatrico Bambino Gesù (OPBG) Rome, Italy.
- P-MISC9** A38 SYSTEMIC AND PULMONARY VENTRICULAR FUNCTION AFTER SURGERY IN CONGENITAL HEART DISEASES
G.Medolago,Ospedali Riuniti Bergamo, Italy
- P-MISC10** A51 COMPARISON OF THE EARLY POSTOPERATIVE FUNCTION OF RIGHT- AND LEFT-LOBE LIVER GRAFTS IN PEDIATRIC LIVER ALLOGRAFT RECIPIENTS
Ayşe Aktas, Murat Aras, Hamdi Karakaya?, Arzu Gençöslu, Mehmet Haberal Baskent University, Faculty of Medicine, Department of Nuclear Medicine, Ankara-Turkey
- P-MISC11** A42 MYOCARDIAL PERFUSION IMAGING IN PEDIATRIC PATIENTS
G.Medolago, Ospedali Riuniti Bergamo, Italy
- P-MISC12** A26 PERFUSIONAL SPECT IN ACUTE CONFUSIONAL MIGRAINE IN CHILDHOOD
G. Virotta, P. Quarti°, S. Conte°, G.L. Poli*, M. Pezzani°, U.P. Guerra** Nuclear Medicine Dpt, ° Paediatric Nueropsychiatry AZIENDA OSPEDALIERA OSPEDALI RIUNITI DI BERGAMO ITALY*
- P-MISC13** A41 RADIOGUIDED PARATHYROIDECTOMY IN PEDIATRIC PATIENTS WITH SECONDARY HYPERPARATHROIDISM
Murat Aras, Ibrahim Ötgen, Serdar Arda, Arzu Gençöslu, Ayşe Aktas Baskent University, Faculty of Medicine, Department of Nuclear Medicine, Ankara-Turkey

THURSDAY, MAY 25th, 2006

18:00 - 19:00

- P-MISC14** A11 SPLENOMEGALY FINDING WITH GA-67 CITRATE SCINTIGRAPHY ON GAUCHER'S DISEASE
S. Lafuente. R. Siurana. M. Perez-Lago. B. Intriago. V. Izquierdo. A. Pujol. C. Martinez-Virgala. Hospital Joan XIII, Tarragona. Spain.
- P-MISC15** A3 PAEDIATRIC LIVER TRANSPLANTATION: ROLE OF HEPATOBILIARY SCINTIGRAPHY IN THE DIAGNOSIS OF INTRAHEPATIC AND ANASTOMOTIC STRICTURES.
Concannon R, Howman-Giles R, Shun, Storman M. Departments of Nuclear Medicine, Surgery and Gastroenterology, The Children's Hospital at Westmead Discipline of Paediatrics and Child Health, University of Sydney
- P-MISC16** A39 LUNG PERFUSION IMAGING IN PEDIATRIC PATIENTS
G.Medolago, Ospedali Riuniti Bergamo, Italy
- P-MISC17** A2 EFFECTIVITY OF SPECT TO EVALUATE PULMONARY PERFUSION STATUS OF CHILDREN WITH BRONCHIOLITIS OBLITERANS
Hasan Yuksel, Elvan Sayit, Feray Aras, Serdar Tarhan, Ozge Yilmaz, Ayhan Sogut. Department of Pediatrics, Department of Nuclear Medicine, Department of Radiology, Celal Bayar University, Manisa, Turkey
- P-MISC18** A5 IN CHILDREN WITH NORMAL DMSA SCAN DURING AN ACUTE PYELONEPHRITIS DOES THE CYSTOGRAPHY STILL PLAYS A ROLL ?
*D. De Palma, *S. Binda, °G. A. Manzoni O.U. of Nuclear Medicine, *Pediatrics, and °Pediatric Urology Section, H Circolo, Varese*

THURSDAY, MAY 25th, 2006

18:00 - 19:00

- P-MISC19** A18 APPLICATION OF PLASMA DISAPPEARANCE CURVE OF 99MTC-DTPA FOR RENAL FUNCTIONAL RESERVE DETERMINATION IN CHILDREN WITH PREVIOUS HEMOLYTIC UREMIC SYNDROME
G.O.A.Bruno, S.M. Dieguez, L.E. Voyer Sección Medicina Nuclear. Hospital Gral. de niños Dr. P de Elizalde. Montes de Oca 40 (1270) Bs.As. Argentina
- P-MISC20** A33 RADIONUCLIDE UROFLOWMETRY EVIDENCE OF EFFECTIVENESS OF BOTULINUM A TOXIN INJECTION IN TREATMENT OF DYSFUNCTIONAL VOIDING IN CHILDREN
¹ M. Vlajkovic, ¹ S. Ilic, ¹ M. Rajic, ² A. Slavkovic, ³ V. Petronijevic, ⁴ V. Artiko, ⁵ S. Perovic ¹Department of Nuclear Medicine, ² Clinic of Pediatric Surgery, ³ Clinic of Rehabilitation and Prosthetic, ⁴ Institute of Nuclear Medicine, ⁵ University Child
- P-MISC21** A53 CYSTOGRAPHY AND UTI: WHICH? WHEN? WHY?
M Mitjavila, S Kabdur, F García, JC Albillos. Imaging Department, Fundación Hospital Alcorcón, c/ Budapest, 28922 Madrid, Spain.
- P-MISC22** A20 CONTINUOUS URINARY DRIBBLING CAUSED BY AN ECTOPIC URETER DRAINING AN ECTOPIC DYSPLASTIC KIDNEY
Pérez-Lago M^aS., Siurana R., Intriago B., Lafuente S., IzquierdoV., Pujol A., Virgala C., Maldonado J., Saurí A. Hospital Joan XIII, Tarragona. Spain.

LAST MINUTE POSTERS

FRIDAY, MAY 26th, 2006**08:30 - 12:30**

- 08.30 - 09.00** Invited lecture:
NEONATAL HYDRONEPHROSIS
Stephen Koff
Chairperson: I. Roca
- 09.00 - 10.30** Interactive session:
NEONATAL HYDRONEPHROSIS
Monica Rossleigh
Chairperson: R. Sixt
Experts: I. Gordon, S. Koff
- 10.30 - 11.00** Coffee-break
- 11.00 - 12.30** Oral session / meet the authors:
NEPHROLOGY I : NEONATAL HYDRONEPHROSIS
Chairpersons: A. Boubaker, M. Rossleigh
- O-NEPH1** A28 **MOLECULAR BIOLOGY FINDINGS AND 99MTC-MAG3 DIURETIC RENOGRAPHY IN CHILDREN OPERATED FOR UNILATERAL OBSTRUCTIVE HYDRONEPHROSIS**
P Zucchetta, MC Marzola, D Cecchin, G Grassetto, L Artifoni, G Montini, G Zacchello, E Bettini, W Rigamonti, A Capizzi, F Bui, L Murer. Nuclear medicine dept., Paediatrics dept., Urology dept. University Hospital Padua, Italy
- O-NEPH2** A24 **THE FUNCTIONAL RESPONSE TO NO INHIBITION DURING AT1 RECEPTOR BLOCKADE IS CHANGED DURING NEONATAL PUUO IN PIGS**
A. Eskild-Jensen, K. Thomsen, C. Rungoe, L.S. Ferreira, L. Paulsen, Y.F. Rawashdeh, J.C. Djuurhus, J. Frøkiær. Department of Clinical Physiology and Nuclear Medicine, and Institute of Clinical Medicine, University of Aarhus.

FRIDAY, MAY 26th, 2006

08:30 - 12:30

- O-NEPH3** A37 ROBUSTNESS OF ESTIMATION OF DIFFERENTIAL RENAL FUNCTION IN INFANTS AND CHILDREN WITH UNILATERAL PRENATAL DIAGNOSIS OF A HYDRONEPHROTIC KIDNEY ON DYNAMIC RENOGRAPHY. HOW REAL IS THE SUPRANORMAL KIDNEY?
Ozcan Z, Anderson PJ, Gordon I. Department of Radiology, Great Ormond Street Hospital For Children, London, UK.
- O-NEPH4** A7 GRAVITY-ASSISTED-DRAINAGE, IN THE SCINTIGRAPHIC ASSESSMENT OF CHILDREN WITH SUSPECTED PELVI-URETERIC-JUNCTION OBSTRUCTION: DIURETIC RENOGRAPHY CAN BE OFTEN AVOIDED.
G Ciofetta (1), MC Garganese (1), F Marracino (1), N Capozza (2), E Matarazzo (2), P Caione (2). Nuclear Medicine (1) and Urologic Surgery (2) Units, Ospedale Pediatrico Bambino Gesù (OPGB), Rome, Italy
- O-NEPH5** A55 INTEROBSERVER REPRODUCIBILITY OF A PC-COMPATIBLE SOFTWARE TO STANDARDIZE THE LASIX RENOGRAPHY
S. BOUYOUCEF, H. RAJABI, R. KUMAR, I. ROCA BIELSA, A. PADHY, N. ALVARADO, P. BAQUEDANO, P. BERNAL, L. KALISKA, S. NAZARENKO, P. ORELLANA, H. POSADA, S. SAEED, L. SI-JIN, M. ZAKNUN, M. DONDI. IAEA, VIENA.
- O-NEPH6** A35 HYDRONEPHROSIS IN CHILDREN: WAIT AND SEE OR SURGERY? THE NEVER ENDING STORY!
Anton Staudenherz, Christian Druml, Thomas Mueller, Stefan Puig. Univ. Clinic of Nuclear Medicine; Univ. Clinic of Pediatrics, Dept. of Pediatric Nephrology; Univ. Clinic of Radiology at the Medical University of Vienna.

FRIDAY, MAY 26th, 2006**08:30 - 12:30**

- O-NEPH7** A48 RENAL FUNCTION MEASURED DURING F + 0 I-123-HIPPURAN RENOGRAPHY (RG) IN NEONATES WITH ANTENATALLY SUSPECTED RENAL ABNORMALITIES AND CORRELATION WITH FINAL DIAGNOSIS
A. Boubaker (1) , B.-J. Meyrat (2), F. Cachat (3), P. Frey (2), A. Bischof Delaloye (1). (1) Nuclear medicine department, (2) Pediatric surgery department, (3) Pediatric department, University Hospital, Lausanne, Switzerland
- O-NEPH8** SPECIAL PRESENTATION: IAEA NEW PC-COMPATIBLE SOFTWARE PACKAGE TO PROCESS DIURETIC RENOGRAPHY
Zaknun J, Rajabi H.. IAEA, Vienna.

FRIDAY, MAY 26th, 2006

12:30 - 13:30

12.30 - 13.30

Poster session

NEPHROLOGY

Chairpersons: S. Bouyoucef, P. Zuchetta

- P-NEPHR1** A28 MOLECULAR BIOLOGY FINDINGS AND 99MTC-MAG3 DIURETIC RENOGRAPHY IN CHILDREN OPERATED FOR UNILATERAL OBSTRUCTIVE HYDRONEPHROSIS
P Zuchetta^o, MC Marzola^o, D Cecchin^o, G Grassetto^o, L Artifoni[#], G Montini[#], G Zacchello[#], E Bettini[#], W Rigamonti[^], A Capizzi[^], F Bui^o, L Murer[#]. ^oNuclear medicine dept., [#]Paediatrics dept., [^]Urology dept. ? University Hospital ? Padua, Italy
- P-NEPHR2** A24 THE FUNCTIONAL RESPONSE TO NO INHIBITION DURING AT1 RECEPTOR BLOCKADE IS CHANGED DURING NEONATAL PUUO IN PIGS
A. Eskild-Jensen^{1,2}, K. Thomsen^{2,4}, C. Rungoe², L.S. Ferreira², L. Paulsen², Y.F. Rawashdeh^{2,3}, J.C. Djurhus², J. Frøkiær^{1,2}. ¹Department of Clinical Physiology and Nuclear Medicine, and ²Institute of Clinical Medicine, University of Aarhus.
- P-NEPHR3** A37 ROBUSTNESS OF ESTIMATION OF DIFFERENTIAL RENAL FUNCTION IN INFANTS AND CHILDREN WITH UNILATERAL PRENATAL DIAGNOSIS OF A HYDRONEPHROTIC KIDNEY ON DYNAMIC RENOGRAPHY. HOW REAL IS THE SUPRANORMAL KIDNEY?
Ozcan Z, Anderson PJ, Gordon I. Department of Radiology, Great Ormond Street Hospital For Children, London, UK.

FRIDAY, MAY 26th, 2006

12:30 - 13:30

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G Ciofetta (1), MC Garganese (1), F Marracino (1), N Capozza (2), E Matarazzo (2), P Caione (2). Nuclear Medicine (1) and Urologic Surgery (2) Units, Ospedale Pediatrico Bambino Gesù (OPGB), Rome, Italy
- P-NEPHR5** A55 INTEROBSERVER REPRODUCIBILITY OF A PC-COMPATIBLE SOFTWARE TO STANDARDIZE THE LASIX RENOGRAPHY
S. BOUYOUCEF, H. RAJABI, R. KUMAR, I. ROCA, A. PADHY, N. ALVARADO, P. BAQUEDANO, P. BERNAL, L. KALISKA, S. NAZARENKO, P. ORELLANA, H. POSADA, S. SAEED, L. SI-JIN, M. ZAKNUN, M. DONDI. IAEA, Viena.
- P-NEPHR6** A35 HYDRONEPHROSIS IN CHILDREN: ?WAIT AND SEE OR SURGERY? THE NEVER ENDING STORY!
Anton Staudenherz1, Christian Druml1, Thomas Mueller2, Stefan Puig3. 1Univ. Clinic of Nuclear Medicine; 2Univ. Clinic of Pediatrics, Dept. of Pediatric Nephrology; 3Univ. Clinic of Radiology at the Medical University of Vienna, Waehringer Guertel 18-20, A
- P-NEPHR7** A48 RENAL FUNCTION MEASURED DURING F + O I-123-HIPPURAN RENOGRAPHY (RG) IN NEONATES WITH ANTENATALLY SUSPECTED RENAL ABNORMALITIES AND CORRELATION WITH FINAL DIAGNOSIS
A. Boubaker (1) , B.-J. Meyrat (2), F. Cachat (3), P. Frey (2), A. Bischof Delaloye (1). (1) Nuclear medicine department, (2) Pediatric surgery department, (3) Pediatric department, University Hospital, Lausanne, Switzerland

FRIDAY, MAY 26th, 2006

12:30 - 13:30

- P-NEPHR8** SPECIAL PRESENTATION: IAEA NEW PC-COMPATIBLE SOFTWARE PACKAGE TO PROCESS DIURETIC RENOGRAPHY
Zaknun J, Rajabi H. IAEA, Vienna.
- P-NEPHR9** ^{A46} OPTIMIZATION OF THE PHYSIOLOGICAL DIURETIC RENOGRAPHY
S. BOUYOUCEF, H. RAJABI, R. KUMAR, I. ROCA BIELSA, A. PADHY, N. ALVARADO, P. BAQUEDANO, P. BERNAL, L. KALISKA, S. NAZARENKO, P. ORELLANA, H. POSADA, S. SAEED, L. SI-JIN, M. ZAKNUN, M. DONDI. IAEA, Viena.
- P-NEPHR10** ^{A49} ROLE OF DIURETIC RENOGAM IN THE MANAGEMENT OF ANTENATALLY DIAGNOSED HYDRONEFROSIS
S. BOUYOUCEF, H. RAJABI, R. KUMAR, I. ROCA BIELSA, A. PADHY, N. ALVARADO, P. BAQUEDANO, P. BERNAL, L. KALISKA, S. NAZARENKO, P. ORELLANA, H. POSADA, S. SAEED, L. SI-JIN, M. ZAKNUN, M. DONDI. IAEA, Viena.
- P-NEPHR11** ^{A16} DIURETIC DYNAMIC SCINTIGRAPHY IN THE CLINICAL MANAGEMENT OF NEONATAL HYDRONEPHROSIS
M. Majass, Department of Pediatric Surgery, Tallinn Children's Hospital, Tervise Str. 28, Tallinn, Estonia. A. Poksi, G. Shamarina, Department of Nuclear Medicine, East Tallinn Central Hospital, Ravi Str.18, Tallinn, Estonia
- P-NEPHR12** ^{A34} PRENATAL HYDRONEPHROSIS: DIAGNOSIS AND FOLLOW-UP DURING POSTNATAL PERIOD. CASE REPORT
A. Rodriguez-Revuelto, J. Fuertes, E. Rivera, G. Fraga1, V. Camacho, A. Flotats, M. Quera, M. Estorch, I. Carrió. Department of Nuclear Medicine and Pediatrics. HOSPITAL SANT PAU. BARCELONA.

FRIDAY, MAY 26th, 2006

12:30 - 13:30

- P-NEPHR13**^{A27} 99mTc DMSA RENAL SCINTIGRAPHY FINDINGS IN PAEDIATRIC ACUTE PYELONEPHRITIS: FINDINGS FROM A MULTI-CENTER STUDY
P Zucchetto°, MC Marzola°, D Cecchin°, G Grassetto°, G Zacchello#, L Tomasi#, L Murer#, F Bui°, G Montini# (on behalf of the Italian Renal Infection Study [IRIS] group). °Nuclear medicine dept., #Paediatrics dept.? University Hospital, Padua, Italy
- P-NEPHR14**^{A43} RENAL SCARS IN CHILDREN WITH A FIRST EPISODE OF ACUTE PYELONEPHRITIS; IS A 6 MONTH DMSA SCAN LATE ENOUGH ?
G. Donoso, C. Coll, G. Lobo, P. Hevia, P. Rosatti, E. Lagos, E. Silva, A. Perez, C. Jiménez. Hospital San Juan de Dios ? Universidad de Chile. Av. Portales 3239 Santiago, Chile
- P-NEPHR15**^{A56} 99MTC-DMSA ABSOLUTE UPTAKE: NORMAL PEDIATRIC VALUES AT 2?4 HOURS
Ferran N, Roca I, Garcia-Burillo A, Catala M, Bosch J*, Lopez E, Garcia-Bayona S, Aguade S. Castell J. Medicina Nuclear, CENTRE MÈDIC DELFOS. *Servei Pediatria HOSPITAL GENERAL GRANOLLERS. Medicina Nuclear, HU VALL HEBRON. BARCELONA.*
- P-NEPHR16**^{A21} ROLE OF 99MTC DMSA RENAL SCINTIGRAPHY IN CHILDREN AND ADOLESCENTS FOLLOWING ACUTE PYELONEPHRITIS - RESULTS OF A FIVE-YEAR STUDY
D. Chroustova, M. Buncova, D. Palyzova, I. Urbanova, M. Kolska, Department of Nuclear Medicine, University Hospital Královské Vinohrady and 3rd Medical Faculty, Department of Nuclear Medicine, Institute for Clinical and Experimental Medicine
- P-NEPHR17**^{A6} RENAL SCINTIGRAPHY TO ASSESS OUTCOME OF RENAL FUNCTION IN BOYS WITH POSTERIOR URETHRAL VALVES
*B.R. Mittal, *Anand V.K., Anish Bhattacharya, Baljinder Singh, *K.L. Narsimhan. Deptt. of Nuclear Medicine and *Pediatric Surgery, Postgraduate Institute of Medical Education and Research, Chandigarh (India).*

FRIDAY, MAY 26th, 2006

12:30 - 13:30

- P-NEPHR18**^{A22} 99mTc-DMSA RENAL SCINTIGRAPHY IN CHILDREN WITH VESICoureTERAL REFLUX
B. Ajdinovic, Lj. Jaukovic, Z. Jankovic, Z. Krstic. Institute of Nuclear Medicine, Military Medical Academy, Belgrade. University Pediatric Clinic, Belgrade
- P-NEPHR19**^{A52} SERIAL Tc-99m DMSA SCINTIGRAPHY FINDINGS IN PATIENTS WITH ACUTE PYELONEPHRITIS
Ayse Aktas, Murat Aras, Esra Basken. Baskent University, Faculty of Medicine, Department of Nuclear Medicine, Ankara-Turkey
- P-NEPHR20**^{A30} CLINICAL USEFULLNESS OF RENOSCINTIGRAPHY USING 99MDTPA IN URINARY TRACT INFECTION
A.Jakubovic Cickusic, S.Mulic. Internal Clinic, Department of Nuclear medicine, Tuzla Bosnia and Herzegovina

FRIDAY, MAY 26th, 2006

15:00 - 18:00

- 13.30 - 15.00 Lunch
- 15.00 - 15.30 Invited lecture:
VUR: WHAT ARE WE IMAGING?
Isky Gordon
Chairperson: J. Fettich
- 15.30 - 17.00 Interactive session :
ACUTE PN
Diego Dei Palma
Chairperson: A. Piepsz
Experts: A. Boubaker, A. Eskild-Jensen
- 17.00 - 18.00 Oral session / meet the authors:
NEPHROLOGY II : ACUTE PN
Chairpersons: J. Stauss, H. Nadel
- O-NEPH8** A27 99mTc DMSA RENAL SCINTIGRAPHY FINDINGS IN PAEDIATRIC ACUTE PYELONEPHRITIS: FINDINGS FROM A MULTI-CENTER STUDY
P Zucchetta, MC Marzola, D Cecchin, G Grassetto, G Zacchello, L Tomasi, L Murer, F Bui, G Montini (on behalf of the Italian Renal Infection Study [IRIS] group). Nuclear medicine dept., Paediatrics dept. University Hospital, Padua, Italy
- O-NEPH9** A5 IN CHILDREN WITH NORMAL DMSA SCAN DURING AN ACUTE PYELONEPHRITIS DOES THE CYSTOGRAPHY STILL PLAYS A ROLL ?
D. De Palma, S. Binda, G. A. Manzoni O.U. of Nuclear Medicine, Pediatrics, and Pediatric Urology Section, H Circolo, Varese

SATURDAY, MAY 27th, 2006

15:00 - 18:00

- O-NEPH10** A43 RENAL SCARS IN CHILDREN WITH A FIRST EPISODE OF ACUTE PYELONEPHRITIS; IS A 6 MONTH DMSA SCAN LATE ENOUGH?
G. Donoso, C. Coll, G. Lobo, P. Hevia, P. Rosatti, E. Lagos, E. Silva, A. Perez, C. Jiménez. Hospital San Juan de Dios. Universidad de Chile. Av. Portales 3239 Santiago, Chile
- O-NEPH11** A18 APPLICATION OF PLASMA DISAPPEARANCE CURVE OF 99MTC-DTPA FOR RENAL FUNCTIONAL RESERVE DETERMINATION IN CHILDREN WITH PREVIOUS HEMOLYTIC UREMIC SYNDROME
G.O.A.Bruno, S.M. Dieguez**, L.E. Voyer** Sección Medicina Nuclear. Hospital Gral. de niños Dr. P de Elizalde. Montes de Oca 40 (1270) Bs.As. Argentina*
- O-NEPH12** A33 RADIONUCLIDE UROFLOWMETRY EVIDENCE OF EFFECTIVENESS OF BOTULINUM A TOXIN INJECTION IN TREATMENT OF DYSFUNCTIONAL VOIDING IN CHILDREN
1 M. Vljakovic , 1 S. Ilic, 1 M. Rajic, 2 A. Slavkovic, 3 V. Petronijevic, 4V. Artiko, 5S. Perovic 1Department of Nuclear Medicine, 2Clinic of Pediatric Surgery, 3Clinic of Rehabilitation and Prosthetic, 4Institute of Nuclear Medicine, 5University Child
- O-NEPH13** A21 ROLE OF 99MTC DMSA RENAL SCINTIGRAPHY IN CHILDREN AND ADOLESCENTS FOLLOWING ACUTE PYELONEPHRITIS - RESULTS OF A FIVE-YEAR STUDY
D. Chroustova,1 M. Buncova,2 D. Palyzova,3 I. Urbanova,4 M. Kolska,3 1 Department of Nuclear Medicine, University Hospital Královské Vinohrady and 3rd Medical Faculty, 2Department of Nuclear Medicine, Institute for Clinical and Experimental Medicine, 3 D

SATURDAY, MAY 27th, 2006

08:30 - 12:30

- 08.30 - 09.00 Invited lecture:
IMPLEMENTING A PAEDIATRIC PET-CT
Barry Shulkin
Chairperson: L. Biassoni
- 09.00 - 10.30 Interactive session:
PET IN PAEDIATRIC ONCOLOGY
Cristina Gámez
Chairperson: I. Carrió
Experts: C. Franzius, T. Pfluger
- 10.30 - 11.00 Coffee-break
- 11.00 - 12.30 Oral session / meet the authors:
PET / PAEDIATRIC ONCOLOGY
Chairpersons: R. Howman-Giles, T. Pfluger
- O-ONC1** A10 **WHOLE BODY PET/CT WITH 11C-META-HYDROXYEPHEDRINE (11C-HED) IN TUMORS OF THE SYMPATHETIC NERVOUS SYSTEM: COMPARISON WITH 123I-MIBG SPECT/CT**
C. Franzius, K. Lang, M. Weckesser, K. Kopka, K.U. Jürgens, J. Vormoor, O. Schober. Department of Nuclear Medicine, Department of Clinical Radiology, Department of Pediatric Hematology and Oncology, University Hospital, Münster, Germany
- O-ONC2** A9 **355 WHOLE BODY PET/CT EXAMINATIONS IN PAEDIATRIC PATIENTS: ANALYSIS OF ACQUISITION PROTOCOLS AND INCIDENCE OF ARTIFACTS**
C. Franzius, J. Vormoor, M. Weckesser, K.U. Jürgens, O. Schober. Department of Nuclear Medicine, Department of Paediatric Haematology and Oncology, Department of Clinical Radiology, University Hospital Münster, Germany

SATURDAY, MAY 27th, 2006

08:30 - 12:30

- O-ONC3** A47 COMPARISON OF DEDICATED FDG-PET AND FDG-PET-CT IN CHILDREN WITH CHRONIC INFLAMMATORY BOWEL DISEASE
M. Löffler, M. Weckesser, C. Franzius, O. Schober, K.P. Zimmer. Department of Nuclear Medicine, Muenster University, Germany; Children's Hospital, Muenster University, Germany
- O-ONC4** A1 USE OF FDG-PET IMAGING FOR PRIMARY STAGING AND FOLLOW-UP OF MALIGNANT SARCOMA IN CHILDHOOD
Dr. Thomas Voelker, Charité ? Universitätsmedizin Berlin, Dept. for Pediatric Oncology. Augustenburger Platz 1, D 13353 Berlin
- O-ONC5** A40 PET/MRI IN PEDIATRIC ONCOLOGY: VALUE OF COMBINED ANALYSIS AND IMAGE FUSION
Th. Pfluger, R. Santos, A. Keithahn, I. Schmid, K. Hahn. Dept. of Nuclear Medicine, University of Munich, Ziemssenstr. 1, D-80336 Munich, Germany
- O-ONC6** A19 IMPACT OF PET/CT IN PEDIATRIC ONCOLOGY
C. Sábado, L. Fernández, M. Forns, S. Gallego, C. Gámez, L. Gros, C. Lorenzo, D. Vizmanos, J. Sánchez de Toledo. Servei d'Oncologia i Hematologia Pediàtriques. Hospital Universitari Vall d'Hebron. Unitat PET/TAC IDI Bellvitge, IDIBELL. Barcelona.
- O-ONC7** A29 DESCRIPTIVE EPIDEMIOLOGY OF THYROID CARCINOMA IN CARINTHIA / AUSTRIA
Iris Gomez Segovia , Gallowitsch H.J., Kresnik E., Kumnig G., Igerc I., Matschnig S., StroneggerW.J., Lind P. Department of Nuclear Medicine and Special Endocrinology - PET Center , General Hospital Klagenfurt.
- O-ONC8** A32 SENTINEL LYMPH NODE LYMPHOSCINTIGRAPHY IN CHILDREN WITH CUTANEOUS MALIGNANT MELANOCYTIC LESIONS
RA Allan, D Hoffland, S Bassingham, WBEM Powell. Departments of Diagnostic Imaging and Plastic Surgery, St Georges Healthcare NHS Trust, London

SATURDAY, MAY 27th, 2006

12:30 - 13:30

12.30 - 13.30 Poster session

PET / PAEDIATRIC ONCOLOGY

Chairpersons: X. Setoain, B. Shulkin

- P-ONC1** A10 WHOLE BODY PET/CT WITH 11C-META-HYDROXYEPHEDRINE (11C-HED) IN TUMORS OF THE SYMPATHETIC NERVOUS SYSTEM: COMPARISON WITH 123I-MIBG SPECT/CT
C. Franzius1, K. Lang1, M. Weckesser1, K. Kopka1, K.U. Jürgens2, J. Vormoor3, O. Schober1. 1Department of Nuclear Medicine, 2Department of Clinical Radiology, 3Department of Pediatric Hematology and Oncology, University Hospital, Münster, Germany
- P-ONC2** A9 355 WHOLE BODY PET/CT EXAMINATIONS IN PAEDIATRIC PATIENTS: ANALYSIS OF ACQUISITION PROTOCOLS AND INCIDENCE OF ARTIFACTS
C. Franzius1, J. Vormoor2, M. Weckesser1, K.U. Jürgens3, O. Schober1. 1Department of Nuclear Medicine, 2Department of Paediatric Haematology and Oncology, 3Department of Clinical Radiology, University Hospital Münster, Germany
- P-ONC3** A47 COMPARISON OF DEDICATED FDG-PET AND FDG-PET-CT IN CHILDREN WITH CHRONIC INFLAMMATORY BOWEL DISEASE
M. Löffler, M. Weckesser, C. Franzius, O. Schober, K.P. Zimmer. Department of Nuclear Medicine, Muenster University, Germany; Children's Hospital, Muenster University, Germany
- P-ONC4** A1 USE OF FDG-PET IMAGING FOR PRIMARY STAGING AND FOLLOW-UP OF MALIGNANT SARCOMA IN CHILDHOOD
Dr. Thomas Voelker, Charité Universitätsmedizin Berlin, Dept. for Pediatric Oncology. Augustenburger Platz 1, D 13353 Berlin

SATURDAY, MAY 27th, 2006

12:30 - 13:30

- P-ONC5** A40 PET/MRI IN PEDIATRIC ONCOLOGY: VALUE OF COMBINED ANALYSIS AND IMAGE FUSION
Th. Pfluger, R. Santos, A. Keithahn, I. Schmid, K. Hahn. Dept. of Nuclear Medicine, University of Munich, Ziemssenstr. 1, D-80336 Munich, Germany
- P-ONC6** A19 IMPACT OF PET/CT IN PEDIATRIC ONCOLOGY
C. Sábado, L. Fernández, M. Fornis, S. Gallego, C. Gámez, L. Gros, C. Lorenzo, D. Vizmanos, J. Sánchez de Toledo. Servei d'Oncologia i Hematologia Pediàtriques. Hospital Universitari Vall d'Hebron. Unitat PET/TAC IDI Bellvitge, IDIBELL. Barcelona.
- P-ONC7** A29 DESCRIPTIVE EPIDEMIOLOGY OF THYROID CARCINOMA IN CARINTHIA / AUSTRIA
Iris Gomez Segovia, Gallowitsch H.J., Kresnik E., Kumnig G., Igerc I., Matschnig S., Stronegger W.J., Lind P. Department of Nuclear Medicine and Special Endocrinology - PET Center, General Hospital Klagenfurt, Institut of Social Medicine
- P-ONC8** A32 SENTINEL LYMPH NODE LYMPHOSCINTIGRAPHY IN CHILDREN WITH CUTANEOUS MALIGNANT MELANOCYTIC LESIONS
RA Allan, D Hoffland, S Bassingham, WBEM Powell. Departments of Diagnostic Imaging and Plastic Surgery, St Georges Healthcare NHS Trust, London
- P-ONC9** A45 CLINICAL IMPACT OF FDG-PET ON PAEDIATRIC ONCOLOGY PATIENTS
JR García, O Cruz, M Simó, F Rodríguez-Argente, M Soler, F Lomeña. CETIR, Unitat PET. Hospital San Juan de Dios, Servicio de Pediatría. Barcelona.

SATURDAY, MAY 27th, 2006

12:30 - 13:30

- P-ONC10** A25 18F-FDG PET SCAN IN RECURRENT HEPATOBLASTOMA IN ORTHOTOPIC TRANSPLANTED LIVER
A.Cistaro, U.Ficola. IRMET SpA PET Center, Turin, Italy. Nuclear Medicine Unit, La Maddalena Hospital, Palermo, Italy
- P-ONC11** A44 IS THERE A ROLE FOR GALLIUM-67 SCINTIGRAPHY IN PEDIATRIC AGE LYMPHOMA?
P.O. Kiratli, S. Küpeli, T. Aras, C. Akyuz. Hacettepe University Medical Center Departments of Nuclear Medicine and Pediatric Oncology Unit
- P-ONC12** A36 DIFFERENTIATED THYROID CANCER IN CHILDHOOD: CASE REPORT OF A HIGHLY AGGRESSIVE TUMOR TREATED WITH RADIOIODINE AND A DOSIMETRIC APPROACH
V. Rufini, L. Indovina, G. Treglia, M. Salvatori, M.L. Maussier, A. Lorizios, S. Della Casas. Department of Nuclear Medicine, Health Physics, and Endocrinologys, Università Cattolica del Sacro Cuore, Roma, Italy
- P-ONC13** A23 SOFT TISSUE UPTAKE ON TECHNETIUM -99m MDP BONE SCINTIGRAPHY IN DERMATOMYOSITIS : CASE REPORT
LJ Ljiljana Jaukovic, BA B.Ajdinovic, SD S. Dugonjic, LP Lj. Petrovic- Rackov. Institute of Nuclear Medicine. Clinic of Reumathology. Military Medical Academy, Belgrade, Serbia&Montenegro

SATURDAY, MAY 27th, 2006**15:00 - 17:30**

- 13.30 - 15.00 Lunch
- 15.00 - 15.30 Invited lecture:
NEUROBLASTOMA: A MEDICAL ENIGMA
Robert Howman-Giles
Chairperson: M. Mitjavila
- 15.30 - 16.30 Interactive session:
PAEDIATRIC ONCOLOGY (no PET)
Lorenzo Biassoni
Chairperson: K. Hahn
Experts: S. Gallego, J. Zaknun
- 16.30 - 17.00 Proposal of multicenter studies
- 17.00 - 17.30 Closure of the Symposium

ACKNOWLEDGEMENTS

GE Healthcare
Mallinckrodt-TYCO
Philips
IBA MOLECULAR SPAIN
Siemens
Nucliber
Catalana de Distribucióna SA
AGFA