Conference Programme

Thursday November 23rd

T1 Collecting and Calculating Medical Data via the Internet — Workshop Remote Data Entry (RDE): Designing and Implementing Solutions for Your Medical Business
By M. Egbring, G. Hindricks, H. Kottkamp, C. Elsner

T2 How to Create Dynamic Interactive Medical Web Applications
By A. Robert, M.D. Pretlow

T3 Qualité de l’Information Médicale sur Internet
By M. Jamoulle

T4 Internet and Human Genetics
By G. Bottu, V. Ledent (Belgian EMBnet Node)

T5 Security, Electronic Signatures and Pseudonymisation Services
By F. De Meyer
Hospital Intranet Development
By T. Fiers

T6 XML
By T. Arvanitis

Friday November 24th

Keynote 1:

Oral 1: Clinical Applications I

op06 IRIS: An Internet Based 3D Radiotherapy Planning and Information System
A. Lüttgau, M.A. Keller-Reichenbecher, W. Schlegel, R. Bendl

op22 Patient E-Care: Present and Future Applications
A. Robert, M.D. Pretlow

op44 Data Driven WAP Applications for Medical Information Handling
J. Dørup, M. Schacht Hansen

op29 Synchronized Rendering of Multimedia Radiological Information: Development of an Internet-Based Application
R. Van de Walle, B. Rogge, I. Lemahieu

op30 A Platform-Independent Datamining / Quality-Management-System with PHP3 and mySQL: a Project Study
M. Egbring, S. Grafe, G. Hindricks, H. Kottkamp, C. Elsner

op76 Advanced Information Management for Health Care in Regional Context Using Reference Models and Internet Technology
G. von der Weiden, M. Haischer, A. Weisbecker
Oral 2: Telemedicine 1

op59 The UK Telemedicine Information Service
J.S. Briggs, A.K. Francis, K.A. Smith, R.G. Curry, B. Madge 194

op05 EU-TeleInViVo: 3D Ultrasound Telemedical Portable Workstation
G. Kontaxakis, S. Walter, G. Sakas

op12 An Intranet-Extranet Telematic System for Women and Gynecologists
A. Starita, K. Cerbioni, E. Palanca, D. Majidi, R. Fontanelli

op41 Design and Development of a Web-Based System for Early Recognition and Monitoring of the Diabetic Retinopathy
P. Ladyzynski, J.M. Wojcicki, K. Chihara 186

op49 INCAS: a Telemedicine Network for Multi-Diagnosis Consultation Services
C. Colombo, A. Castelli, B. Salvatore, A. Lesma, N. Dal Degan 188

op53 Security Considerations on the Development of an Internet-Based Infrastructure for Telepathology: the Approach of the Italian Network of Telepathology for Research, Education and Quality Control
V. Della Mea, V. Roberto, F. Barbarino, C.A. Beltrami 190

Keynote 2:
Ilias Iakovidis: From Medical Records to Personal Health Records: The Critical Role of Internet on the Road to Citizen Centered Care 166

Oral 3: Medical Education

op09 From Satellite to Web: a CME Case Study
H.L. Young 178

op28 Creating Resources for e-Learning in French Medical Universities

op34 Automatic Management of Uniform Resources Locators for Medical Training
S. Ducamp, F. Le Duff, B. Pouliquen, A. Fresnel, A. Burgun, P. Le Beux 182

op37 ICT in the Education of Medicine: Conclusions of the Inquiry
H. Buysse, A. Derese, G. De Moor 184

op67 An XML and Ontology Based Methodology and Authoring Environment for Medical Information Systems
D. Roesner, U. Duerer, H.-D. Esperer, A. Moore, G. Parr, M. Logan, K. Zieger 197

op74 WebSET: Integrated XML and VR Components for Collaborative Medical Training on the Web
A. Emmen, N. John, L. Versweyveld 200

op84 Improvement of Diagnostic Accuracy by Use of a New Software System and Distribution of Visual Expert Knowledge via the Internet
J. Meyrowitsch, M. Høier-Madsen, C. Ingwersen, P. Charles, J. Forslid, A. Wiik 209

Evidence Based Medicine

op95 Building Web-Enabled Drug Information Centers with Traditional Word Processors, Markup Language, Telematics Standards and Controlled Thesauri
R.H. Vander Stichelen, J. Van Campen, A. Attipoe, G. Thienpont 213
op79  CE-Net — UBHT’s Intranet Portal to Support Evidence-Based Medicine in a Large 
NHS Trust  
J. Osborne, M. Palmer  
205

op21  Evidence-Based On-call  
C. Ball, R. Phillips  
176

Oral 4: Epidemiology, Security and Impact

op04  The Epidemiological and Territorial Health Information Can Support Strategic Decision 
R. Benardon  
167

op57  Intra/Extranet System for Clinical and Epidemiological Studies  
F. Sicurello, A. Nicolosi, M. Villa, S. Mannino  
192

op63  Constraints on the Free Flow of Information about Outbreaks on the Internet: the 
ProMED-mail Experience  
J. Woodall, C.H. Calisher  
195

op91  Towards Internet-Based Epidemiology: Integration of Distributed and Heterogeneous 
Clinical Data Sources  
G. Potamias, C. Christofis, M. Tsiknakis, S. Orphanoudakis  
211

Security

op14  Development of a High Level Security Policy (HLSP) for the Processing of Medical 
Data and their Transmission through the Internet  
C. Ilioudis, G. Pangalos  
170

op17  Using Digital Certificates for Access Control in Clinical Intranet Applications  
I. Mavridis, C. Georgiadis, G. Pangalos, M. Khair  
173

Impact

op18  Reading Factor as a Credible Alternative to Impact Factor: a Preliminary Study  
S.J. Darmoni, F. Roussel, J. Benichou, G.C. Faure, B. Thirion, N. Pinhas  
174

Quality of information on the Web

Workshop: E-Content: The Challenge to Provide Quality Health Information  
G. Eysenbach

Posters 1:

po64  Online Questionnaire COUGH  
K. Dmitriev, K. Adojaan, J. Aru, K. Sergejeva  
231

po86  Clinical Quality Guidelines in a Lotus Notes Based Intranet  
C. Bobrowski, G. Kreymann, H. Greten  
237

po87  Use of the Internet Technologies — Important Tool of Research Work  
A. Karas, I. Mathes  
237

po11  Numerical Taxonomy Methods in Telemedicine  
T. Postelnicu  
218

po54  The Study of the Net Management of the Computer Digital College and Back-Writing 
CT or MRI Image in the Application of Clinic and Remote Consultation  
Wang Zhihong, Jing Yusheng  
230

po26  Bayes Diagnostic Model on the Internet  
B. Kanagaratnam  
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**Posters 2:**

**po45** Are we Ready for Internet-Based Teaching of Medicine?  
*S. Linn, I. Leijbkowitz*

**po48** Health Care Information Systematization in the Health Secretary of Buenos Aires City Government and Health Information Accessibility Improvement for the Inhabitants by the Application of a Interactive Health Communication (IHC) Program  
*A. Cacherosky, A. Schiavoni, E. Litera, P. Bonazzola, L. Licciardi*

**po27** Web Pages as Standard Communication System with Medical Students  
*M. Petrovecki, L. Bilic-Zulle*

**po42** Construction of a Web-Based Knowledge Database for Nuclear Medicine  
*J. Versijpt, C. Beket, E. Nolf, F. Jacobs, R.A. Dierckx*

**po46** A Telematic System for Learning  
*L. Garelli, M. Bisconcin, G. Maso, M. Pucci, J. Goedhuys, C. Geens, N. Mathers, R. Glendenning*

**po47** Quizmaker: a Simple Way to Make Online Questionnaires  
*L. Garelli, M. Bisconcin, G. Maso, M. Pucci, G. Filocamo*

**po68** Preventive Medicine / Interactive, Internet-Supported CD-ROM for Non Health Care Professionals (W.I.P.)  
*B. Daled-Rosseel, L. Lambrecht, E. Macken, A. De Wash, M. Vanbellinghen*

**po56** MyPACS: a Simple Web-Based Radiological Image Management System  
*B.K. Szabo*

**po83** A WEB System Architecture to Support Medical Teaching at University  
*A.K. Barbosa, R. Belian, M. Novaes*

**po90** Internet as a Tool for Guideline Development  
*J.J. van Croonenborg, C.J.G.M. Rosenbrand, D.J.B. Vermeij*

**po02** Internet Technology: Proven Strategies that Solidify the Patient-Physician Partnership and Improve Patient Health Outcomes  
*A. Rose*

**Po08** Use of the Internet in Medicine  
*D. Siebrecht, H. Lax, W. Popp, M. Ruenzi, K.-H. Joeckel*

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**Saturday November 25th**

**Keynote 3:**

Eric Souêtre: Healthcare and the Growing Need for Connectivity

**Oral 5: Telemedicine 2:**

**op58** Visually Lossless Image Compression for Teleradiology  
*W. Stefanon, D. Auer, M. Grobovschek, L. Auer*

**op03** Virtual sonography in Internet  
*J. Vilarchao-Cavia, O. Ferrer-Roca, M. Clavijo, J.M. Troyano*

**op77** Telemedicine and Elderly Care: Towards an Internet Blood Pressure Monitoring System  
*J.S. Briggs, C.J. Fitch, R.A. Beresford*

**op78** Applying the 3-D Wavelet Transform to Transmit Medical Video in Telemedicine  
*G. Bernabé, J. González, J. García, J. Duato*
op80  XML Technology in Support of Clinical Protocols for Teleconsultation
C.E. Chronaki, P. Lelis, M. Tsiknakis, S.C. Orphanoudakis

op89  TeleCardio-FBC: an Application of Telemedicine for Cardiology

Oral 6: Clinical Applications 2:

op39  Healthcare Scheduling in the Internet Age — New Forms of Healthcare Delivery
H. Schellens

op23  Interactive Medical Web Sites for Children and Teenagers
A. Robert, M.D. Pretlow

op61  SNOMED RT: an International Terminology Infrastructure for Clinical Internet Applications
D. Aschman

op69  The Medical Practice Website
J.W. Van der Slikke, L. Loimer

op33  Comparing Paper-based vs. Internet-/Handheld-Based Clinical Trial Coordination in a Study on Hernia inguinalis: How good is Cost/Benefit Ratio?
C.H. Elsner, M. Egbring, A. Wolf, A. Merz, H. Kottkamp, G. Hindricks

op15  Evaluation of the Patient Internet Cafe at Rouen University Hospital
M. Douyère, K. Böer, I. Sanchez, S.J. Darmoni

Keynote 4:
Bill Silberg: The Web as a Global Medical Information Tool: Opportunities and Challenges

Oral 7: Medical Records:

op19  Internet Patient Records: New Techniques
S. Moehrs, G. Brelstaff, P. Anedda, G. Zanetti, M. Tuveri

op25  A Web-Based Electronic Medical Record System, Based upon the GEHR-Architecture
P. Hendrickx, F. Verbeke

op36  DNS/Hostmaster Architecture in the Greek Network of Healthcare and Welfare Services
P. Lampsas, A. Vagelatos, D. Sofotassios, C. Papanikolaou

op38  A Clinical Internet Trial Management System — Citmas
K. Nelausen, H.H. Hansen

op50  An Infrastructure for Integrated Electronic Health Record Services: The Role of XML
D. Katehakis, S. Sfakianakis, M. Tsiknakis, S. Orphanoudakis

op66  Structured Data Management and Electronic Communication for Internet Based Virtual Health Record Environment
P. Sweeney

op73  Internet & Electronic Medical Records in Dutch Burn Care Unit
P. Doupi
Oral 8: Portal Sites and Legal Issues:

op07 Internet of Dublin Core Metadata in CISMeF, a Structured Health Resource Guide on the Internet

B. Thirion, S.J. Darmoni, J.P. Leroy, M. Douyère, J. Piot

op55 The Use of Internet for Health Purposes in Brazil


op75 Redesign of the Virtual Medical Community Portal Site — Experiences with Application and Integration of XML/XSLT Software

A. Emmen, L. Versweyveld

op81 Patients-Online: First-Hand Knowledge — from Patient to Patient. First Experiences with the Austrian Prototype (www.patients-online.at)

H. Ebner, M. Muellner, R. Ernst, K. Schuetz-Mueller

op93 Internet-Based Health Information System for Indonesian Decentralised Health Services

A. Fuad, L. Trisnantoro, J. Jeugmans

op72 Ethical Codes for Internet Health Information — Consensus in the Horizon?

K. Lampe, P. Doupi

op97 A Software Agent for Systemic Retrieval of Medical Information from the Internet

P.A. Kokkinidis, L.P. Gatsoris, A.E. Germenis

Poster 3:

po31 Moderating Rhythmologic Topics over the Internet: a First Years Experience at the Heart Center Leipzig

C. Elsner, G. Hindricks, H. Kottkamp

po65 Integrating MedFrame Databases in the MediMedia Medical Image European Network

F. Barbini, A. D’Atri, V. Mauro, G. Zini, B. Zobel

po40 Internet as a “Transparent” Management Tool. First Experience in a National Institute of Health and Social Services in Argentina

A. Melamud, R. Altrudi, R. Herrero, E. Rodas, G. Martin

po16 In Vitro Diagnostic Net E-Marketing for Life Science (http://www.ivd-net.com)

M. Dressel

po24 How to Neutralize Healthcare Professionals’ Fear of E-Health: a Simulated Patient eCare Project

C.M. Stock

po32 Attitude towards Gaining Medical Information in Mid-European Population — First Results

A. Wolf, G. Hindricks, M. Egbring, D. Sem, C. Elsner

Poster 4:

po35 S.O.S. — Sustaining Oncology Studies: a Comprehensive Website in Oncology

W. Horn, A. Colacci, F. Molina, L. Matta, L. Santi

po43 Use of an Intranet-Based Electronic Patient Record System in Laser Medicine

A. Daskalaki, A. Zakakidou, C. Philipp, C. Jacob, H.-P. Berlien

po70 Medical Informatics & The Internet / Viewpoint from an Outpatient Clinical Center

L. Lambrecht, L. Vandecaveye, X. Goemanne, J. Stas, A. Van Olmen, C. De Mil

po71 The Production of an On-line Medical Textbook

J. Spafford, H. Goepfert
Clinical Quality Guidelines in a Lotus Notes Based Intranet
C. Bobrowski, G. Kreymann, H. Greten

Sunday November 26th

T7  How to Use Pretty Good Privacy (PGP)
By T. Putzeys, M. Michaux

T8  Health Information Europortal Tutorial
By O.H.B. Gyde

T9  WEB PACS Application of Web Technology for Distributing Digital Images in and outside a Hospital
By J. Schillebeeckx, E. Ranschaert