



**2nd INTERNATIONAL CONFERENCE
«TELEMEDICINE: MYTHS AND REALITY»
October 23-24, 2008, Lviv, Ukraine**

CONFERENCE SCIENTIFIC BOARD:

I. Gerych, M. Gzhehotskyy, O. Lutsyk, O. Nadraga, A. Magliovanyy, V. Klimovytsky, O. Kovalenko, D. Dobryanskyy, Y. Korzhynskyy, V. Zub, A. Vladzimirskyy, Y. Varyvoda, I. Trutiak, I. Solonyenko, O. Sluzhynska, D. Kalinovskyy (Ukraine).

W. Glinkowski (Poland), M. Nerlich (Germany), F. Lievens (Belgium), I. Masic (Bosnia and Herzegovina), R. Horbova (USA), E. Kotter (Germany), A. Selkov (Russia), E. Kldiashvili (Georgia), O. Orlov (Russia), P. Soegner (Austria), B. Pyke Jr. (USA).

CONFERENCE BOARD:

Anton Vladzimirskyy, M.D., Ph.D.

Tel. mob: +38 (050) 7556794

Skype: anton251977

E-mail: avv@telemed.org.ua

Ihor Dutka, M.D., M.P.H.

Tel. mob: +38 (067) 7007311

Skype: ihor.dutka

E-mail: idutka@telemed.net.ua

Antin Kushnir, M.D.

Tel. mob: +38 (067) 7893994

Skype: antin.kushnir

E-mail: akushnir@telemed.net.ua

Conference designer:

Y. Mytsyk

Conference technical support:

O. Khomytskyy

Contact:

5, Zygzag str., 79041

Lviv, UKRAINE

Tel: +38 (032) 2430055

Tel./Fax: +38 (032) 2995599

E-mail: conference2008@telemed.net.ua

CONFERENCE VENUE:

“Dnister” Hotel, 6 Mateyka str., Lviv,
Large conference hall



PROGRAM
2nd INTERNATIONAL CONFERENCE
«TELEMEDICINE: MYTHS AND REALITY»

23 October 2008 (THURSDAY)

07.30 – 09.30 *Registration*

09.30 – 10.00 *Opening ceremony*

D. Lutsyk

Professor, Pro-Rector of Danylo Halytsky Lviv National Medical University

I. Gerych

Professor, Head of Chief Health Department of Lviv Regional State Administration

F. Lievens (remotely)

Board member, International Society for Telemedicine and e-Health, Belgium

A. Vladzimirskyy

Head of Executive Board of Association for Ukrainian Telemedicine and eHealth Development, M.D., Ph.D

I. Dutka

Head of Western Ukrainian Telemedicine Center «Meditech», M.D., M.P.H

TELECONFERENCING BRIDGE WITH 1ST INTERNATIONAL CONFERENCE
“ADVANCES IN EHEALTH AND TELEMEDICINE INTERNATIONAL”, WARSAW,
POLAND

Plenary session №1: TELEMEDICINE – INTERNATIONAL EXPERIENCE (10:00-11:30)
Chair: Prof. Gerych I., Prof. Lutsyk O., Prof. Selkov A., Dr. Vladzimirskyy A.

UKRAINAIN TELEMEDICINE PROSPECTS AND PERSPECTIVES (15 min.)

A. Vladzimirskyy

Association for Ukrainian Telemedicine and eHealth Development, Ukraine

**MODERN MOBILE TELEMEDICINE COMPLEX - PROTOTYPE FOR SMALL CLINIC
DIAGNOSTIC CENTER IN RURAL & REMOTE DISTRICTS OF RUSSIA (15 min.)**

A. Sel'kov, V. Stolyar, O. Atkov, E. Sel'kova, N. Chueva

All-Russia Association of Public Organizations “Russian Telemedicine Association”, Moscow, Russia

**TECHNOLOGICAL AND TECHNICAL APPLICATIONS OF TELEMEDICINE IN ŚCO
(15 min.)**

Z. Popiołek, M. Widanka, R. Mężyk, W. Cedro, S. Gózdź

Świętokrzyskie Centrum Onkologii (ŚCO), Holycross Cancer Centre (HCC), Kielce, Poland

**IMPROVING CT- AND MRI- DIAGNOSTICS BY RECEIPT “SECOND OPINION” BY
MEANS OF TELEMEDICINE (15 min.)**

N. Kryvenko, A. Vinnytska, K. Yatcuk, D. Vinnytska, S. Tymku

Hospital “LISSOD”, Kyiv, Ukraine

ELECTRONIC MEDICAL RECORDS – CHALLENGES AND OPPORTUNITIES (15 min.)

E. Byamukama

Bushenyi Medical Centre (BMC), Kampala, Uganda

11:30 – 12:00 Coffee-break

11:30 – Exhibition opening

**Plenary session №2: HOSPITAL INFORMATION SYSTEMS AND ELECTRONIC
MEDICAL RECORDS (12:00-13:30)**

Chair: Prof. Kovalenko O., Prof. Masic I., Dr. Vladzimirskyy A.

CLINICAL TELEMEDICINE INSTRUMENTS (10 min.)

A. Vladzimirskyy

Association for Ukrainian Telemedicine and eHealth Development, Ukraine

ELECTRONIC PATIENT CARD (10 min.)

V. Kachmar

«Eleks» company, Lviv, Ukraine

**TELEMEDICINE SOFTWARE TELECONSULT – DESIGN, EXPLOITATION AND
RESULTS (15 min.) (remotely)**

Polina Mihova

National Bulgarian University, Sofia, Bulgaria

A SHORT REVIEW OF MEDICAL INFORMATICS HISTORY (10 min.)

I. Masic

Medical Faculty, University of Sarajevo, Bosnia and Herzegovina

**OSOZ SYSTEM AS THE COMMUNICATION PLATFORM FOR PATIENTS AND
HEALTHCARE PROFESSIONALS, CONSIDERING BIOMETRICS AS DATA
AUTHENTICATION IN EHR AND CANCER REGISTRIES (10 min.)**

R. Mezyk¹, G. Mrodz², S. Gozdz¹, Z. Popiołek¹, M. Widanka, Z. Kaminski²

¹ Holycross Cancer Centre, Kielce, Swietokrzyskie, ² KAMSOFIT, Katowice, Slaskie, Poland

**INTELECTUALIZATION PROBLEMS OF HOSPITAL AND TELEMEDICAL
INFORMATION SYSTEMS (10 min.)**

Yu. Prokopchuk, A. Beletsky

Ukrainian State Chemical Technology University, Dnipropetrovsk, Ukraine

**THE AUTOMATED EXPERT WORKPLACE IN TELEMEDICAL INFORMATION
TECHNOLOGY OF ONCOLOGIC DISEASES SCREENING «ONCOTEST-WM01» (10
min.)**

V. Vyshnevskyy, V. Kalmykov, T. Romanenko, O. Tugayenko

Institute of Mathematical Machines and Systems of National Academy of Sciences of Ukraine,
Kyiv, Ukraine

TELEMEDICINE TECHNOLOGY FOR KIRLIAN DIAGNOSTICS (10 min.)

V. Vyshnevskyy¹, L. Pesotskaya², O. Tugayenko¹

¹ Institute of Mathematical Machines and Systems of National Academy of Sciences of Ukraine, Kyiv, ² Prydniprovskaya Railway Clinical Hospital, Dnipropetrovsk, Ukraine

13:30 – 14:30 Lunch

Plenary session №3: BEST PRACTICAL MODELS FOR TELEMEDICINE (14:30-16:00)

Chair: Prof. Dobryansky Y., Dr. Vladzimirskyy A., Dr. Trutiak I.

«DOCTORS' NETWORK» PROJECT: THE PROGRESS (10 min.)

R. Horbova, A. Vasylenko (*remotely*)

World Federation of Ukrainian Medical Societies (WFUMS), Virginia, USA

THE UNIQUE MEDICAL INFORMATION SPACE ESTABLISHMENT ON THE BASIS OF EDDSON SOFTWARE PLATFORM: CONCEPTUAL APPROACH (10 min.)

B. Voznyuk

“Eddson Software B.V.”, Utrecht, The Netherlands

VIDEOCONFERENCING IN HEALTH CARE (10 min.)

I. Parhomenko

INCOM Company, Kyiv, Ukraine

MOBILE MODULARITY OF TELEMEDICINE (10 min.)

A. Sydorenko, K. Nazarenko, V. Sydorenko

M. Gorkyy Donetsk National Medical University, Donetsk, Ukraine

EXPERIENCE OF MAINTENANCE OF IT-SECURITY IN LOCAL COMPUTER NETWORK OF MEDICAL INSTITUTION (10 min.)

V. Yuhymec', V. Kuts

F.G. Yanovskyy National Institute of Phthysiatry and Pulmonology, Kyiv, Ukraine

STOMATOLOGY INFORMATION NETWORK (10 min.)

O. Sydoryk, O. Pavliv

“Avers-Com” Company, “Avers-Art” Company, Lviv, Ukraine

INVESTIGATION AND TREATMENT ALGORITHM FOR PATIENTS WITH SALIVARY GLAND TUMOR FORMATIONS USING INNOVATIVE COMPUTER AND TELECOMUNICATIVE TECHNOLOGIES (10 min.)

I. Matros-Taranets, A. Ushych, D. Kalinovskyy, Ye. Martynenko

M.Gorkyy Donetsk National Medical University, Donetsk, Ukraine

STOMATOLOGY AIDING PERSPECTIVES FOR HIV-INFECTED PATIENTS VIA TELEMEDICAL CONSULTATIONS (10 min.)

S. Yarova, A. Maksyutenko, D. Kalinovskyy, A. Vladzimirskyy

Centre of Reconstructive Stomatology «Master Dent», M.Gorkyy Donetsk National Medical University, Association for Ukrainian Telemedicine and eHealth Development, Donetsk, Ukraine

AIDS/ NEUROAIDS: CONSOLIDATION AND INTEGRATION OF EFFORTS OF THE EXPERTS WORKING ON PROBLEM WITH A VIEW OF THE DECISION OF THE TARGET NATIONAL PROGRAM ON PREVENTION AND TREATMENT OF A HIV-INFECTION WITH TELEMEDICINE USING IN SYSTEM OF POSTDEGREE FORMATION (10 min.)

I. Derevyanko

M. Gorkyy Donetsk National Medical University, Donetsk, Ukraine

16:00 – 16:20 Coffee-break

Plenary session №4: (16:20-17:30)

Chair: Prof. Korzhynskyy V., Dr. Kalinovskyy D., Dr. Yelyashevskyy B.

SYSTEM MANAGEMANT CREATION PRINCIPLES OF CLINICAL DIAGNOSTIC PROCESSES USING COMPUTER NETWORKS (10 min.)

I. Dolgopolov

International Research and Educational Center of Information Technologies and Systems, Kyiv, Ukraine

VISICU: SMART SYSTEMS, SAVING LIVES (15 min.)

B. Rosenfeld (*remotely*)

VISICU Company, Baltimore, USA

AMERICAN TELEMEDICINE AND E-HEALTH PROSPECTS (15 min.)

J. Siddiqui (*remotely*)

Center for Health and Technology, School of Medicine University of California, Davis, USA

EDUCATIONAL MODULE ADAPTED FOR TELEMEDICINE ISFTEH PROGRAM «TELEMEDICINE IN TRAUMATOLOGY AND ORTHOPEDICS» (10 min.)

A. Vladzomyrskyy, V. Klimovytsky, E. Dorohova

M.Gorkyy Donetsk National Medical University, Donetsk, Ukraine

MEDICAL ARCHIVES – MODERN VIEW ON A PROBLEM (10 min.)

A. Dol'nytskyy

Multiprint Company, Kyiv, Ukraine

GALA DINNER 19:30

(Additional registration required)

24 October 2008 (FRIDAY)

UKRAINIAN-GERMAN PARTNERING DAY

**TELECONFERENCING BRIDGE WITH 1ST INTERNATIONAL CONFERENCE
“ADVANCES IN EHEALTH AND TELEMEDICINE INTERNATIONAL”, WARSAW,
POLAND**

08:00 – 09:00 Registration

09:00 – 09:30 Ukrainian-German Partnering Day Opening Ceremony

WELCOMING SPEECH

M. Dyakovych

Honorary Consul of Germany in Ukraine

T. Sakharenko

Cooperation Officer for International Relationship, Ministry of Education and Science of Ukraine

V. Zub

Head of Health Care Administration, Lviv City Council

09:30 – 11:15 Partnering presentations (part 1)

FROM IDEAS TO STATE OF THE ART PROJECTS. THE GERMAN TELEMEDICAL NETWORK NEST (15 min.)

Y. Israel

TimeKontor AG, Berlin, Germany

TELEMEDICINE – INTERNATIONAL COOPERATION IN MEDICINE (15 min.)

I. Dutka

Western Ukrainian Telemedicine Center “Meditech”, Lviv, Ukraine

TELEMEDICAL SOLUTIONS FOR AN AGING SOCIETY (15 min.)

A.von Reden

TimeKontor AG, Berlin, Germany

THE TELE CARE SYSTEM "TCS" (15 min.)

J. von Brockdorff-Ahlefeld, P. Hufnagl

GHC Global Health Care GmbH, Germany

TELEMEDICAL NETWORK IN KYIV (15 min.)

O. Kovalenko

International Scientific Educational Center for Informative Technologies and Systems of the National Academy of Science of Ukraine, Kyiv, Ukraine

NUTRITION INFORMATION SYSTEM "NUTS" (15 min.)

M. Schröder

Tembit Software GmbH, Germany

NEW TECHNOLOGIES IN TELERADIOLOGY – VOXEL TELERADIOLOGY NETWORK AS A SUCCESS STORY (15 min.)

M. Pilch-Kowalczyk
Alteris Ltd., Katowice, Poland

11:15 – 11:45 Coffee-break

11:45 – 13:15 Partnering presentations (part 2)

SAVING THE LIVES – TELEMEDICINE AND TRAUMA (15 min.)

A. Vladzomyrskyy
Department of Informatics and Telemedicine, Donetsk R&D Institute of Traumatology and Orthopaedics, Association for Ukrainian Telemedicine and eHealth Development, Donetsk, Ukraine

FREIBURG UNIVERSITY HOSPITAL: INNOVATIONS AND TRENDS (15 min.)

M. Onyshchenko-Dubow
University Hospital Freiburg, Germany

TELEMEDICAL NETWORK IN LVIV REGION, CURRENT PROJECTS (15 min.)

B. Elyashevskyy
Lviv Regional Emergency and Catastrophe Medicine Centre, Lviv, Ukraine

CAREPOINT PHARMACY (15 min.)

C. Schümann
The Mecklenburg-Western Pomeranian Chamber of Pharmacies and Matthias Masur, Prisma GmbH, Germany

**HOSPITAL INFORMATION SYSTEMS IN UKRAINE:
ISSUES OF IMPLEMENTATION AND FUTURE (15 min.)**

O. Skrypnyk
ELEKS Software Ltd., Lviv, Ukraine

TELEMEDICINE IN CARDIOLOGY: PROBLEMS AND PERSPECTIVES (15 min.)

I. Salabay
Khmelnyskyy Regional Cardiologic Dispensary, Khmelnytskyy, Ukraine

13:15 – 14:30 Lunch

Plenary session №5: TELERADIOLOGY & TELECARDIOLOGY (14:30-16:00)

Chair: Prof. Kotter E., Dr. Kalinovskyy D., Dr. Kushnir A.

STANDARDIZATION OF MEDICAL IMAGES FOR TELECONSULTATION IN TRAUMATOLOGY AND ORTHOPEDICS (10 min.)

A. Vladzomyrskyy
Association for Ukrainian Telemedicine and eHealth Development, Donetsk, Germany

TELEMEDICINE AT FREIBURG UNIVERSITY HOSPITAL, GERMANY (10 min.)

E. Kotter

Freiburg University Hospital, Freiburg, Germany

THE ROLE OF TELEMEDICAL CONSULTATION IN DIFFERENTIAL DIAGNOSTICS OF MUSKULO-SKELETAL SYSTEM LESIONS (10 min.)

M. Satyr, K. Yatcuk, A. Vinnytska, S. Tymku

Hospital "LISSOD", Kyiv, Ukraine

TELECARDIOLOGY AT PREHOSPITAL STAGE (10 min.)

O. Lavrenko, V. Tomenko, L. Tkach, O. Tsiluyko, N. Andreyeva

Clinical Department of Emergency Unit, Poltava, Ukraine

FROM TELEMEDICAL ECG TRANSMISSION TO INDEPENDENT MEDICAL DATA BANK DEVELOPMENT (10 min.)

A. Vershygora, G. Kirzhner, I. Rozumyak.

Kyiv City Ambulance and Catastrophe Medicine Station, Kyiv, Ukraine

TELEMEDICAL COMPLEX FOR CARDIOLOGY "UNET". ARCHITECTURE PRINCIPLES (10 min.)

I. Mayornikov, V. Tkachenko, O. Chubin

"UTAS Company" Ltd, Kyiv, Ukraine

TELEMEDICAL MONITOR EQUIPED WITH FETAL HEART ACTIVITY SUPERVISION FUNCTION (10 min.)

K. Nasyedkin, A. Tokarev, V. Shulgin

National Aerospace University, Kharkiv, Ukraine

TELERADIOLOGY: PURPOSE AND TECHNOLOGY (10 min.)

Scott Larsen (*remotely*)

"Professional Radiology Solutions" Company, USA

Plenary session №6: Poster presentation discussion (14:30-16:00)

Chair: Dr. Vladzmyrsky A., Dr. Dutka I.

TELEMEDICINE: AIIMS EXPERIENCE

S. Meher, B. Rath, S. Kailash

All India Institute of Medical Sciences (AIIMS), New Delhi, India

ELECTRONIC ARCHIVE "POLYTRAUMA" CAPABILITY FOR TELEMEDICAL CONSULTATIONS

I. Trutiak, I. Dutka

Danylo Halytsky Lviv National Medical University, Lviv, Ukraine

INFORMATION SYSTEMS IN MEDICAL REHABILITATION

O. Kachmar

International Clinic of Rehabilitation Treatment, Truskavets, Ukraine

MEDICAL INFORMATICS EDUCATION AND DISTANCE LEARNING AT SARAJEVO BIOMEDICAL FACULTIES (10 min.)

I. Masic, H. Pandza, Z. Masic

University of Sarajevo, Sarajevo, Bosnia and Herzegovina

**TELEMEDICINE - AWARENESS AND ATTITUDE AMONG RURAL PATIENTS
TREATED AT AIIMS, NEW DELHI INDIA**

S. Meher, B. Rath, T. Chaudhry

All India Institute of Medical Sciences (AIIMS), New Delhi, India

16:00 – 16:20 Closing ceremony

16:30 – 18:30 Walking-tour to old town of the city

(Additional registration required)

19:00 – Reception for Ukrainian-German Partnering Day participants.