Association for Ukrainian Telemedicine and eHealth Development

Founded 09.11.2006
Since 1914 – scientific researches in informatics, data and devices (computers) engineering

1940-1950 – micro electronics (p-n transfer) (by V.Lashkarev)

1951 – first small electronic calculating machine “MESM” (by S.Lebedev)

1964 – theory of digital automates by V.Glushkov

1968 – first computer “MIR”


1980x – computers for soviet spaceships and submarines

1997 – Medals from IEEE Computer Society “Computer Pioneer” to S.Lebedev and V.Glushkov
Small electronic calculating machine “MESM” (by S.Lebedev)

V.M. Glushkov

Norbert Wiener and scientists in Kiev (1958)

S.A. Lebedev

Medal of IEEE
N. Amosov – famous surgeon and cybernetists, founder of biocybernetics

Main scientific fields:
- biocybernetics
- ways of information processing in brain
- M-Network
- robots
- neuronetworks
- neurocomputing

First steps in neurocomputing (1989)

Part of M-Network

Robot MAVR (1970x)
1970x – biotelemetry system for coal miners

1980x – trans-phone ECG systems

1990x – first teleconsultations

2000x – modern telemedicine:
- Internet-based regional telemedicine networks;
- teleconsultations;
- second-opinion;
- telemonitoring;
- digital and mobile devices for telemedicine diagnostics;
- elearning…

Association for Ukrainian Telemedicine and eHealth Development was founded 09.11.2006
1 January 2001 in Donetsk R&D Institute of Traumatology and Orthopedics had been created Department of Informatics and Telemedicine (first in Ukraine)

TELEMEDICINE and eHEALTH

R&D
Clinical daily work
Learning and methodology
2000-2007
More than **400** teleconsultations were organized by telemedicine experts from Donetsk

Areas of teleconsultations (**15 medical areas**): traumatology-orthopedics, neurosurgery, oncology, therapy, teratology, hematology etc...
ASSOCIATION FOR UKRAINIAN TELEMEDICINE AND eHEALTH DEVELOPMENT

is

NATIONAL MEMBER of

INTERNATIONAL SOCIETY FOR TELEMEDICINE AND EHEALTH (ISfTeH)
ASSOCIATION FOR UKRAINIAN TELEMEDICINE AND eHEALTH DEVELOPMENT (AfUTeHD)

non-profit public organisation, which created for realisation of aims and subjects of Statute. Basical principles of AfUTeHD - democracy, free-will, equal rights, autonomy and publicity for all members. Activity of AfUTeHD full according to Constitution of Ukraine, current laws and Statute.

Main aim of AfUTeHD - integration of scientific and practical potential of all members for an effective development and introduction of professional activity in fields of telemedicine, eHealth, medical informatics and cybernetics, also - protection of social, professional, lawful etc interests of members.

Main tasks of AfUTeHD:
- be favourable to professional activity of all members;
- be favourable to activity of any health care establishments;
- be favourable to determination of best ways for telemedicine and eHealth development, development of scientific researches and its introduction in practice;
- development and strengthening of relation with other organisations;
- protection of members' interests.
Anton V. Vladzymyrskyy  
Head of Board  
M.S., M.D., Head of Department of Informatics and Telemedicine RDITO,  
Co-Editor of "Ukrainian Journal of Telemedicine and Medical Telematics",  
Regional Telemedicine Specialist  
Scientific interests: telemedicine efficiency, emergency telemedicine

Volodymyr G. Klymovyt skyy  
Head of Inspection Committee  
M.D., Ph.D., Professor, Director of Donetsk R&D Institute of Traumatology and Orthopedics,  
Head of Donetsk Regional Trauma Hospital, Head of Traumatology and Orthopedics Chair of DSMU  
Scientific interests: distant education in medicine, telemedicine in trauma surgery and orthopedics

Dmytro K. Kalinovskiy  
Assistant professor of Surgical Dentistry Chair of DSMU,  
Secretar of "Ukrainian Journal of Telemedicine and Medical Telematics"  
Scientific interests: second-opinion and other telemedicine technologies in MFS and dentistry
**BOARD**

Igor V. Kutsenko
M.D., Ph.D., Head of Dermatology Department of Municipal Dermatology and Venerology Department Regional Dermatology Specialist.
Scientific interests: telemedicine and distant education in dermatology, distant diagnostic

Anatoly K. Rushay
M.D., Ph.D., Professor, Head of Department of Osseo-Purulent Infection RDITO, Traumatology and Orthopedics Chair of DSMU
Scientific interests: digital processing of diagnostic data, distant education in orthopedics

Volodymyr V. Prikhodchenko
Head of Municipal Hospital N2
Scientific interests: telemedicine screening
MEMBERSHIP

ISfTeH

National

AfUTeHD

Affiliate

Individual

Collective

Honour

Academic

Corporative

In-Budget

Out-Budget
Main direction of activity:

- development of regional and national telemedicine networks

- development and support of standards and protocols in field of telemedicine and eHealth

- participation in development of laws for telemedicine and eHealth

- methodic and scientific provision of telemedicine in Ukraine

- testing of equipment in conditions of ukrainian health care system

- development of organization, clinical, economical, technical, legal and ethical decisions for telemedicine and eHealth in Ukraine

- support of national telemedicine projects

- organisation of annual events (scientific conferences, schools, workshops etc)

- dissemination of knowledge
Association for Ukrainian Telemedicine and eHealth Development

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ASSOCIATION FOR UKRAINIAN TELEMEDICINE AND EHEALTH DEVELOPMENT
ISI
NATIONAL MEMBER OF INTERNATIONAL SOCIETY FOR TELEMEDICINE AND EHEALTH (ISITEh)

Our Partners:
- Austrian Scientific Society of Telemedicine and eHealth (AUSTeH)
- European Health Telematics Association (EHTEL)
- Canadian Society of Telehealth (CST)
- International Society of Telemedicine and eHealth (ISITEh)

http://www.telemed.org.ua/ARUTEOZ/aruteoz.html
Official Journal - "Ukrainian Journal of Telemedicine and Medical Telematics"
Annual Conference - "Telemedicine - Experience@Prospects", supported by International Society for Telemedicine and eHealth

http://www.telemed.org.ua/Seminar/seminarmain.html

2005

2006
Mr. Lievens has invested new individual members with certificates
Working Groups

"Telemedicine in Trauma, Orthopedics and Emergency"
Coordinator: A.Vladzymyrskyy
Aims:
- creation of organisation, clinical and technological decisions for telemedicine;
- development and introduction of systems for teleconsultations and telemonitoring;
- estimation of telemedicine efficiency;
- organisation and support of aims' projects.
E-mail: avv@telemed.org.ua; skype: anton251977
WWW: http://www.telemed.org.ua/info/about.html

"Telemedicine in MFS and Dentistry"
Coordinator: D.Kalinovskiy
Aims:
- development and introduction of systems for teleconsultations and distant education;
- introduction of "second-opinion" systems;
- ways for system usage of telemedicine in this areas;
- organisation and support of aims' projects.
E-mail: mfs@dsmu.edu.ua; skype: dmitry29
WWW: http://mfs.dsmu.edu.ua

"Telemedicine in dermatology and venerology"
Coordinator: I.Kutsenko
Aims:
- development and introduction of an effective systems for teleconsultations and distant education;
- support of regional teledermatology networks;
- post-graduate distant education;
- organisation and support of aims' projects.
E-mail: doktor-kiv@ukr.net
WWW: http://www.derma-don.org.ua
2007 year

- Information sharing (PR)

- Special events

- Development and support of regional projects and networks

- International relationships

- Participation in Frame Program 7 and other similar programs

- Fundraising
Frame Program 7 + Grant

Projects:
- Telemedicine screening
- eHealth for AIDS/HIV, tuberculosis, oncology
- Home telecare

Conference in Lviv: “Telemedicine – Myths and Reality”
Autumn 2007

IV Conference - "Telemedicine - Experience@Prospects"

March 2008
THANK YOU!