

## **Ukraine Chapter Annual Report**

#### 2011

TO:

Board of Directors
International Society for Pharmacoeconomics and Outcomes Research
505 Lawrence Square Boulevard South
Lawrenceville, NJ 08648 USA

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## Background:

Ukraine Chapter was accepted in January 2008. The Chapter has 12 ISPOR members and 92 Chapter members,

Office bearers:

## President (2008): Professor Olha Zalis'ka , PhD., DSci (Pharm.)

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#### **ISPOR Members:**

Mandrik O. Pharm D., PhD Candidate, Kiev Tolubaiev V., PharmD., PhD Candidate, Kiev Bocharova V., PharmD., Magister, Kharkiv Huz V., Student, Uzhgorod Horbachevska Ch., Student, Lviv

For more information of Ukraine Chapter, please visit ISPOR local chapter website at http://www.ispor.org/local\_chapters/ukraine, or http://www.uspor.org.ua

Enclosure: Ukraine Chapter Annual Report 2011

## Ukraine Chapter Annual Report 2011

- I. Activities of the Chapter can be summarized as follows:
  - 1. Academic activities:

# The following medical and pharmaceutical journals on the pharmacoeconomical research have been published in Ukrainian language:

- 1. Zalis'ka OM., Maynych Yu. Pharmacoeconomic analysis of extemporaneous preparations for children in Ukraine // Pharmacia (Bulgaria).- Vol. LVIII, 2011.- P.128-129.
- 2. Zalis'ka ON., Tolubaiev VV. Analysis of bronchodilator prescriptions for COPD treatment in Ukraine // Pharmacia (Bulgaria).- Vol. LVIII, 2011.-P. 133.
- 3. Parnovsky BL., Zalis'ka O., Yatzkova G., Hromovyk B, Maynych Yu. The man, who came to pharmacy, − is it the patient or client? // Pharmacist Journal.- 2011.- № 5.- C.18-19. Zalis'ka O., Parnovsky BL. Lifelong education of pharmacists on Pharmacoeconomics according to Bolon declaration // Abstracts of Scientific conference "Actual problems of development branch economics and logistic".- 2011.- 14-15 April, Kharkiv.- P.168.
- 4. Mandrik O., Zalis'ka O. The relationship of age and sex with cost of treatment for chronic lymfocytic leukemia in Ukraine// Value of Health.-2011.- Vol.14, № 3.- P.163.
- 5. Zalis'ka O., Tolubaiev V. Cost-effectiveness analysis of nsaids for symtomatic treatment of rheumatoid arthritis and osteoarthritis // Value of Health.-2011.- Vol.14, № 3.- 128.
- 6. Tolubaiev V.V, Zalis'ka O.M. Problematic aspects of the analysis of epidemiological data and pharmacoeconomical in chronic obstructive lung diseases / / Management, Economics and Quality Assurance in Pharmacy .- 2011 .- Nº 2 .- P. 42-46.
- 7. Mudrak IG, Zalis'ka OM, Slabyy MV. Analysis of evidence-based information on medicinal plant products in the world / / Management, Economics and Quality Assurance in Pharmacy .- 2011 .-  $N^{\circ}$  3 .- P.69-73.
- 8. Mudrak IG, Zaliska O.M The analysis of evidence data on medicinal plant products in the Database Cochrane / / Pharmaceutical Chasopys.-2011 .- Nº 3 .- P.75-79.
- 9. Mudrak IG, Zalis'ka OM, Kolach TS. Review of evidence-based information on medicinal plant products in the database Cochrane / / Proceedings of the 4th Scientific conference. "Scientific and technological progress and optimization of technological processes of creation of drugs" .- September 29-30 .- Ternopil, Ternopil State Medical University im.I.Ya.Horbachevskoho .- P.193
- 10. Zalis'ka OM, Parnovsky BL. The need for Health Technology Assessment in health care in Ukraine and European results / / Proceedings of the 4th Scientific conference. "Scientific and technological progress and optimization of technological processes of creation of drugs" .- September 29-30 .- Ternopil, Ternopil State Medical University im.I.Ya.Horbachevskoho.-P.187.
- Tolubaiev VV, Zalis'ka OM. Assessment of burden in chronic obstructive pulmonary disease COPD in Ukraine / / Proceedings of the 4th Scientific conference. "Scientific and technological progress and optimization of technological processes of creation of drugs" .- September 29-30 .- Ternopil, Ternopil State Medical University im.I.Ya.Horbachevskoho.-P.187-188.

- 12. Maynych J., Zalis'ka OM, Pavlyv GA Analysis of the formulary to ensure children's hospitals / / Proceedings of the 4th Scientific conference. "Scientific and technological progress and optimization of technological processes of creation of drugs" .- September 29-30 .- Ternopil, Ternopil State Medical University im.I.Ya.Horbachevskoho.-P.192.
- 13. Mendrik O., Zalis'ka O. The cost medical treatment of chronic lymphoproliferative diseases in Ukraine / / Abstracts of the 4th Scientific conference. "Scientific and technological progress and optimization of technological processes of creation of drugs" .- September 29-30 .- Ternopil, Ternopil State Medical University im.I.Ya.Horbachevskoho .- P.192-193.
- 14. Leleka MV, Zalis'ka OM. Pharmacoeconomic aspects of the development of new drugs based on White Lilies / / Proceedings of the 4th Scientific conference. "Scientific and technological progress and optimization of technological processes of creation of drugs" .- September 29-30 .- Ternopil, Ternopil State Medical University im.I.Ya.Horbachevskoho .- P.191-192.
- 15. Mendrik OA, Zalis'ka OM, Kulinichenko VL., Kovalenko NV. Bioethical aspects of care in oncology patients in peredterminalnomu period of life / / Materials IV Scientific Conference "Pharmacoeconomics in Ukraine: Status and Prospects." Kharkov, 27-28 October 2011 .- P. 42-47.
- In Item 16. Zalis'ka OM, Parnovsky BL, Mudrak IG. The need for using the results of pharmacoeconomic analysis and evaluation of medical technologies in the implementation of formulary system in Ukraine / / Materials IV Scientific Conference "Pharmacoeconomics in Ukraine: Status and Prospects." Kharkov, 27-28 October 2011- P.142-143.
- 17. Zalis'ka OM, Parnovsky BL., Slabyy MV. Creating a system of continuous education of pharmacists Pharmacoeconomics in Ukraine / / Materials IV Scientific Conference "Pharmacoeconomics in Ukraine: Status and Prospects." Kharkov, 27-28 October 2011.- P.144-145.
- 18. Maynych J., Zalis'ka OM. Information support for the use of hypolipidemic in children in British National Formulary and Ukraine / / Materials IV Scientific Conference "Pharmacoeconomics in Ukraine: Status and Prospects." Kharkov, 27-28 October 2011 .- P.173-174.
- 19. Mendrik OA, Shmyhlyk BT, Zalis'ka OM. Analysis of segment drugs for cancer treatment in Ukraine / / Materials IV Scientific Conference "Pharmacoeconomics in Ukraine: Status and Prospects." Kharkov, 27-28 October 2011 .- P.181-182.
- 20. Tolubaiev VV, Zalis'ka OM. Analysis of the incidence of COPD and the need to pharmacoeconomic evaluation in Ukraine / / Materials IV Scientific Conference "Pharmacoeconomics in Ukraine: Status and Prospects." Kharkov, 27-28 October 2011. -P.232.
- Tolubaiev VV, Zalis'ka OM. Analysis of world socio-economic and pharmacoeconomical Studies COPD / Materials IV Scientific Conference "Pharmacoeconomics in Ukraine: Status and Prospects." Kharkov, 27-28 October 2011-P.233.
- 22. Zalis'ka O., Maynych Yu. ANALYSIS OF THE FORMULARY ENSURE CHILDREN'S HOSPITALS IN UKRAINE: FIRST RESULTS / / Value in Health .- 2011 .- Abstracts 14-th ISPOR European Congress .- 5-8 November Madrid, Spain. Vol. 14, N 7.-P.407.
- 23. Tolubaiev V., Zalis'ka O., Ostrovskyy M., Korzh G., Yakovenko O., Holovatyuk I.. ESTIMATION OF DIRECT AND INDERCT COSTS OF COPD IN UKRAINE: THE PILOT STUDY RESULTS / / Value in Health .- 2011 .- Abstracts 14-th ISPOR European Congress .- 5-8 November Madrid, Spain. Vol. 14, N 7.-P.444.
- 24. Holovatyuk I., Zalis'ka O., Tolubaiev V. EVALUATION OF STABLE COPD MEDICATION COSTS IN UKRAINE BASED ON GPS 'PRESCRIPTIONS HABITS SURVEY RESULTS / / Value in Health .- 2011 .- Abstracts 14-th ISPOR European Congress .- 5-8 November Madrid, Spain. Vol. 14, N 7. P.492.
- 25. Mandrik O. \*, Zalis'ka O., Severens JL. COST OF TREATMENT OF MULTIPLE MYELOMA IN UKRAINE / / Value in Health .- 2011 .- Abstracts 14-th ISPOR European Congress .- 5-8 November Madrid, Spain. Vol. 14, N 7.-P.492.
- 26. Zaliska OM, Mudrak IG, Kovalenko VA Dynamics-refineries with oil widespread disease of the gastrointestinal tract and their regional differences rap / / Proceedings of the conference

"Standarts of diagnosis and treatment in the clinic of internal diseases" .- 2011 .- Vinnitsa, April 13-14 .- P.35-36.

- 27. Zalis'ka OM., Mudrak IG, Kovalenko VA. Research nomenclature of medicinal plant products used in inpatient and outpatient treatment in gastroenterology / / Proceedings of the conference "Standarts of diagnosis and treatment in the clinic of internal diseases" .- 2011 .- Vinnitsa, April 13-14 .- P.36-37.
- 28. Tolubaiev VV., Zalis'ka OM. The study of socio-economic aspects of loss due to chronic obstructive pulmonary disease and asthma / / Ukrainian Pulmonological Journal.-2011 .- Nº 1.-P.19-22.
- Zalis'ka O., Tolubaiev V., Mendrik O. Ukraine participated in the 16th International Meeting of International Society for Pharmacoeconomic Research (ISPOR) "Research, education and communication" / MEDEX.-2011.-Vol.16, Is.2. -P.14-16.
- 30. Mudrak IG, Kovalenko V., Zalis'ka OM Data analysis evidence-term medical and practical policy prescription of herbs, which means in the gastroenterology / / Proceedings of VI Southern Ukrainian scientific-practical. konference "Fundamental problems of internal medicine from molecules to practical recovery. 2011. Odessa April 6. P.111.
- 31. Zalis'ka OM, Mendrik O., Tolubaiev V. Research, Education and Communication the slogan of the 16th World Meeting of the International Society pharmacoeconomical Research in Baltimore / / Weekly Pharmacy. 2011. Nº 23 (794). P.13.www.apteka.ua
- 32. Zalis'ka OM, Parnovsky BL, Slabiy M.V., Mudrak IG Experience in implementation of continuous education of pharmacists in Pharmacoeconomics / / Medical Eduction.-2011 .-  $\mathbb{N}^{\circ}$  2 .- P.115-118.
- 33. Zalis'ka OM, Slabiy MV., Mudrak IG Experience in implementation of continuous education of pharmacists in Pharmacoeconomics / / Materials of All-Ukrainian scientific- educational conference "New directions for implementing credit-modular system of learning in higher medical educational institutions of Ukraine III-IV accreditation levels." Ternopil, 12-13 May 2011. -Ternopil State Medical University, "Ukrmedknyha." -P.451-453.
- 34. Leleka MV, Vronska LV, Zalis'ka OM. The determination of flavonoids in tincture of flowers lily white / / Pharmaceutical Journal. -2011. № 1 (17). P.15-18.
- Zalis'ka OM., Parnovsky BL, Slabiy M.V, Mudrak IG. Directions for developing the lifelong learning of pharmacists Pharmacoeconomics / / Abstracts of Teaching conference "Training of Pharmacy at the university: achievements and prospects for the future", Lugans'k, 10 November 2011. -P.49-50.
- 36. Kacheray Y. (Maynych), Zalis'ka OM. Optimization of teaching specialization Pharmacoeconomics the example of pediatric formulations in advanced training of pharmacists / / Abstracts of Teaching conference "Training of Pharmacy at the university: achievements and prospects for the future", Lugans'k, 10 November 2011. -P.54-56.
- 37. Zalis'ka OM, Stepanenko AV, Mandrik OA, Tolubaiev VV., Maynych Yu. The 14th European Congress of the International Society for Pharmacoeconomic Research / / Weekly Pharmacy. 2011. № 46 (817). P.14-15. <a href="www.apteka.ua">www.apteka.ua</a>
- 38. Zalis'ka OM, Huz V.S. Assisted reproductive technology in the world and their pharmacoeconomic aspects / / Rational Pharmacotherapy. 2011. Nº 4.- P.13-14.
- 39. Mandrik O. The analysis of medicine list for treatment oncological diseases in Ukraine // Pharmacy.Journal-2001.- № 4.-P.36-40.
- 40. Mandrik O., Haysenko AV., Zalis'ka OM. The methods of Pharmacoeconomic analysis of chronic oncological diseases // Clinical Oncology.-2011.- № 4.- P.25-29.

The Oral and Poster Presentations Were Reported:

2.1. Mandrik O. had poster presentation on 16 ISPOR International Meeting, Baltimore May 2011. "The relationship of age and sex with cost of treatment for chronic lymfocytic leukemia in Ukraine"

- 2.2. Tolubaiev V. had poster presentation on 16 ISPOR International Meeting, Baltimore "Cost-effectiveness analysis of nsaids for symtomatic treatment of rheumatoid arthritis and osteoarthritis" 2.3. Prof. Zalis'ka Olha had Podium presentation "The need for using the results of pharmacoeconomic analysis and evaluation of medical technologies in the implementation of formulary system in Ukraine" on IV Scientific Conference "Pharmacoeconomics in Ukraine: Status and Prospects." Kharkov, 27-28 October 2011.
- 2.4. Tolubaiv V. had Podium presentation "Analysis of world socio-economic and pharmacoeconomical Studies COPD" on IV Scientific Conference "Pharmacoeconomics in Ukraine: Status and Prospects." Kharkov, 27-28 October 2011.
- 2.5. Mandrik O. had Podium presentation "The methodology and examples of pharmacoeconomic research in oncology" on XII Oncologists Congress .- 20-22 September 2011.-Sudak, Ukraine.-www.oncocongress.com.ua
- 2.6. Mandrik O. had Podium presentation "Using HTA instruments to Inpatients in Ukraine" on 14<sup>Th</sup> ISPOR European Congress.-5-8 November 2011.- Madrid
- 2.7. Tolubaiev V. Had oral presentation "Integration of Pharmacoeconomic Analysis and Real Data in Medical Provision for "Privileged" People (War Veterans and Persons Affected by the Chernobyl Accident by the Example of Kyiv Region)" on 14<sup>Th</sup> ISPOR European Congress.-5-8 November 2011.-Madrid
- The creation of ISPOR Ukranian Student Chapter.

The President ISPOR-SC is Tolubaiev V. - May 2011.

- Organized 6<sup>th</sup> Scientific-Practical Conference "Pharmacoeconomics: The Third Edition of State Formulary in Ukraine" on April, 05, 2011 in Lviv, Danylo Halytsky Lviv National Medical University.

**USPOR Participated at the 14<sup>th</sup> Annual European Congress in Madrid.** Organized the meeting of the USPOR, and participated at the ISPOR Russia HTA Chapter Meeting, Conjoint Forum of the Russia, Ukraine, and Belorussia Regional Chapters.

#### 2. Promotional Activities:

Meetings with members of the Pharmaceutical Industry to collaborate on research and other activities Collaboration with Company "Merck"; pharmacoeconomical analysis of reproductive technologies was conducted.

Prof. Olha Zalis'ka had Podium presentation for reproductive doctors on Fertyliti Forum - 25 November, Kiev,

There were some of the articles published in medical journal for doctors and pharmacists for the professionals of the Ukraine.

Yuliya Maynych, PhD, Associate Professor gave the lectures on pharmacoeconomics for practical pharmacists:

- City Ternopol 20.02.2011 45 participants
- City Uzshgorod 19.03.2011 76 participants
- City Lviv 2, 7.04.2011 38 participants
- City Lutsk 15.05.2011 38 participants
- City Ivano-Frankivsk 28.05.2011 45 participants
- City Lviv 02, 04, 16.09.2011 75 participants
- City Chernivtsy 15.10.2011 72 participants
  - City Khmelnitskiy 20.11.2011 49 participants

# II. Upcoming Activities of 2012:

1. Co-organizing the 4 th International Conference "Safety of medicines", May, 2012, Kiev

- 2. Compiling a State Formulary of Ukraine for some major chronic diseases: children diseases, oncology COPD, reproductive technologies in Ukraine.
- 3. Publication of the curriculum on Pharmacoeconomics for postgraduate training of pharmacists in Ukraine.
- 4. Publication of ISPOR Book of Terms "Health Care, Cost, Quality and Outcomes" by ukranian language.
- 5. Assisting the organizing of a 7 <sup>th</sup> Scientific-practical Conference "Pharmacoeconomics" in Lviv, Danylo Halytsky Lviv National Medical University.
- 6. Assisting the organizing of a pharmacoeconomic workshop for Merck
- 7. USPOR Conference "Pharmacoeconomics and HTA in Ukraine", Kiev
- 8. Actively assist at the 15<sup>th</sup> Annual European Congress in Berlin, Germany, 2012/
- 9. Assist at the 17<sup>th</sup> Annual International Meeting in Washington, DC, USA, 2012.