



## ISPOR Croatia Chapter Annual Report 2013

TO:

Board of Directors  
International Society for Pharmacoeconomics and Outcomes Research  
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### Background:

The ISPOR Croatia Chapter was approved in May 2008. The chapter has 35 members. The current leadership of the ISPOR Croatia Chapter is comprised of the following:

<b>President</b>	<b>MARINKO BILUSIC, MD</b> Clinical Pharmacologist and Toxicologist, Bonifarm Zagreb, Croatia
<b>President-Elect</b>	<b>JOSIP CULIG, Prof., PhD, MD</b> Andrija Stampar Institute of Public Health, Zagreb, Croatia School of Medicine, Josip Juraj Strossmayer University, Osijek, Croatia
<b>Past-President</b>	<b>VIOLA SARINIC-MACOLIC, PhD, MD</b> HALMED Zagreb, Croatia
<b>Secretary/Treasurer</b>	<b>PERO DRAGANIC, Assist. Prof. PhD, MD</b> HALMED Zagreb, Croatia

For more information on the ISPOR Croatia Chapter, please visit the ISPOR Croatia Chapter website at [http://www.ispor.org/regional\\_chapters/Croatia/index.asp](http://www.ispor.org/regional_chapters/Croatia/index.asp).

Enclosure: ISPOR Croatia Chapter Annual Report 2013.

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<b>Activities / Accomplishments</b>	<b>Summary</b>
<b>Scientific / Educational Activities</b>	<p>A. Monthly pharmacoepidemiological workshops (Themes and Discussion leaders) in collaboration with Reference Centre of Pharmacoepidemiology:</p> <ol style="list-style-type: none"> <li>1. Antibacterial agents in food and water (Adela Krivohlavek)</li> <li>2. Polymedication in the elderly - ethical issues (Zijad Durakovic)</li> <li>3. Antibiotics - abuse leads to resistance (Igor Francetic)</li> <li>4. Psychic aspects of bullying (Miro Jakovljevic)</li> <li>5. New guidelines for the application of pharmaco-genomics in clinical practice (Nada Bozina)</li> <li>6. Therapy in cardiovascular diseases (Bojan Jelakovic)</li> <li>7. Rational diagnosis and treatment of anemia (Damir Nemet)</li> <li>8. Palliative Medicine and Croatian Health - New Challenges (Zoran Loncar)</li> <li>9. Emergencies in nephrology - a diagnostic approach and treatment (Drasko Pavlovic)</li> <li>10. Treatment of osteoporosis in men (Ladislav Krapac)</li> </ol> <p>B. The basic principles and methodology of pharmacoconomics were lectured at postgraduate workshops:</p> <ol style="list-style-type: none"> <li>1. School of Pharmacy and Biochemistry, Zagreb University, Zagreb</li> <li>2. School of Medicine, Josip Juraj Strossmayer University Osijek</li> </ol>
<b>Policy-Related Activities</b>	<p>The recent policy principles were developed with ISPOR Croatia Chapter involvement:</p> <ol style="list-style-type: none"> <li>1. Directives on the criteria for inclusion of drugs in essential and additional list of medicine Croatian Institute for Health Insurance</li> <li>2. Directive of the criteria to inclusion on the list of the particularly expensive drugs</li> </ol>
<b>Conferences and/or Chapter Meetings</b>	<p>Congresses in which members of ISPOR Croatia Chapter participated:</p> <ol style="list-style-type: none"> <li>1. 17th Annual ESPACOMP Meeting, Budapest, Hungary, 14-16 November 2013.</li> <li>2. ISPOR -16th Annual European Congress, Dublin, Ireland, 2-6 November 2013. Prof. Josip Culig presented in ISPOR CEE Forum: “The use of risk-sharing in pharmaceutical pricing and reimbursement decisions in Central &amp; Eastern Europe.” This Forum discussed the legal background of risk-sharing schemes, implementation, and the impact on patient’s access to high cost medicines. The most frequently used schemes in Central &amp; Eastern countries were described.</li> </ol>

	<p>Furthermore, speakers explained the advantages and disadvantages of</p> <p>3. Third Croatian and Third Adriatic Congress on pharmacoconomics and Outcomes Research, Brijuni, Croatia, 25-27 April 2013</p> <p>ISPOR Croatia Chapter Symposium</p> <p>Bilusic M. ISPOR tools for health care decision makers</p> <p>Culig J. Patients' adherence to medication rate and pharmaco-economic analysis</p> <p>Leppée M. Estimates of reliability adherence self-reporting scales by the coefficient of internal consistency reliability (Cronbach's <math>\alpha</math>)</p> <p>Draganic P. Utilization trends of antihypertensive drugs in Croatia during the period 2008-2011. Comparison between same other countries</p> <p>Culig J. The most common chronic diseases and adherence to drugs</p>
<p><b>Membership Development</b></p>	<p>Collaboration with other pharmaco-economic groups was established: Pharmaco-economic sector of the Croatian Clinical Pharmacology Association.</p>
<p><b>Other</b></p>	<p>Published articles:</p> <ol style="list-style-type: none"> <li>1. Culig J, Leppée M, Culig B. The reliability of adherence to medication self-reporting scales. Scientific program &amp; Book of abstracts, 65, 17th Annual ESPACOMP Meeting, Budapest, Hungary, 14-16 November 2013.</li> <li>2. Culig J, Leppée M, Culig B. Impact of patients' adherence to medication and pharmaco-economic analysis. ISPOR -16th Annual European Congress, Dublin, Ireland, 2-6 November 2013.</li> <li>3. Culig J, Leppée M, Skaron N, Malovic M, Bilusic M. Patients' adherence to medication rate and pharmaco-economic analysis. Pharmaca 2012;50 (Supl. 1):48. Third Croatian and Third Adriatic Congress on Pharmacoconomics and Outcomes Research, Brijuni, Croatia, 25-27 April 2013.</li> <li>4. Culig J, Leppée M, Boskovic J, Malovic M. The Most Common Chronic Diseases and Adherence to Drugs. Pharmaca 2012;50 (Supl. 1):51-2. Third Croatian and Third Adriatic Congress on Pharmacoconomics and Outcomes Research, Brijuni, Croatia, 25-27 April 2013.</li> <li>5. Leppée M, Vracan Mravak S, Malovic M, Culig B. Estimates of reliability adherence self-reporting scales by the coefficient of internal consistency reliability (Cronbach's <math>\alpha</math>). Pharmaca 2012;50 (Supl. 1):49. Third Croatian and Third Adriatic Congress on Pharmacoconomics and Outcomes Research, Brijuni, Croatia, 25-27 April 2013.</li> <li>6. Draganic P, Macolic-Sarinic V, Zezelic S: Utilisation trends of antihypertensive drugs in Croatia during the period 2007-2011. Comparison between same other countries. Pharmaca 2012;50 (Supl. 1):50-51. Third Croatian and Third Adriatic Congress on Pharmacoconomics and Outcomes Research, Brijuni, Croatia, 25-27 April 2013.</li> <li>7. Zezelic S, Draganic P, Macolic-Sarinic V: Consumption of antidepressants in Croatia in 2008, 2009, 2010 AND 2011, compared to some other</li> </ol>

	countries. <i>Period Biol</i> 2013; Vol 115, (Suppl. 3):97. 7th Croatian Congress of Pharmacology, Zagreb, Croatia, September 18–21, 2013.
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### Upcoming Activities for ISPOR Croatia Chapter 2014

Date	Activities
March	Organization of annual kick off meeting to promote Chapter activities among several sectors associated with our topic.
April	1 <sup>st</sup> Croatian Congress of Clinical Pharmacy, Zagreb, Croatia
April	4 <sup>th</sup> Croatian and 4 <sup>th</sup> Adriatic Congress on Pharmacoeconomics and Outcomes Research, Ohrid, FYR Macedonia.
TBD	Development of joint strategy within other local societies working on pharmacoeconomics and outcomes research.
TBD	Educational lecturing on pharmacoeconomics at Andrija Stampar Institute of Public Health – regularly quarterly.
TBD	Biannual Chapter meetings (spring and autumn)
November	Participation in ISPOR 17 <sup>th</sup> Annual European Congress, Amsterdam.