



## ISPOR Hungary Chapter Annual Report 2014



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

PREPARED BY:  
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### **Background:**

The Hungarian Health Economics Association (Magyar Egészség-gazdaságtani Társaság – META) was established in 2003. The founders aimed to establish an independent organization to discuss major health economic and health policy issues at monthly meetings. Since 2003 META has been organizing 8-10 meetings annually. Each 2-hour monthly meeting is dedicated to a particular research, policy or methodological topic, with an advocate (or researcher), an opponent and a moderator. Pricing and reimbursement policy of new health technologies and methodological standards of HTA research have been discussed at several meetings over the past years.

The Hungarian Health Economics Association was approved as ISPOR Hungary Chapter in December 2006. The Chapter has around 140 active members.

The leadership team of the ISPOR Hungary Chapter for 2014-15:

#### **President**

**András Inotai, PharmD, PhD**  
Syreon Research Institute  
Budapest, Hungary

#### **Chief Secretary**

**Rita Kövi, MD, MSc**  
Health Economics Research Centre, Eötvös Loránd University  
(ELTE)  
Budapest, Hungary


<b>Past President</b>	<b>Árpád Tóth, MD, MSc</b> “Elizabeth” City Hospital Zirc, Zirc, Hungary
<b>President-Elect</b>	<b>Csaba Dózsa, MSc, PhD</b> University of Miskolc, Med-Econ Human Service Ltd, Eötvös Loránd University, Budapest, Hungary
<b>Vice President for Scientific Affairs</b>	<b>Balázs Sinkovits, MSc, BSc</b> Health Economics and Public Relation, AstraZeneca Budapest, Hungary
<b>Board member, Young Professionals President</b>	<b>András Borsi, MSc</b> Market Access & Health Economics, Janssen Cilag Budapest, Hungary
<b>Board member, Student Unit President</b>	<b>Áron Vincziczki, MSc</b> National Health Insurance Fund, Budapest, Hungary
<b>Director of ISPOR (2012-14), Board member of ISPOR Hungary Chapter</b>	<b>Zoltán Kaló, MD, MSc, PhD</b> Health Economics Research Centre, Eötvös Loránd University (ELTE) Syreon Research Institute, Budapest, Hungary
<b>Board member</b>	<b>József Bodrogi, MSc</b> Independent Senior Health Economic Advisor Budapest, Hungary
<b>Secretary/Treasurer</b>	<b>Szilvia Nagyistók, MSc</b> Syreon Research Institute Budapest, Hungary

For more information regarding the ISPOR Hungary Chapter, please visit the ISPOR Regional Chapter website at <http://www.ispor.org/RegionalChapters/Chapter/Hungary>

Enclosure: ISPOR Hungary Chapter Annual Report 2014

## ISPOR Hungary Chapter Annual Report 2014

Activities / Accomplishments	Summary
<b>Scientific / Educational Activities</b>	<p>The ISPOR CEE Network approved 7 international collaborative research projects. Four of these projects will be co-led by members of ISPOR Hungary Chapter:</p> <ul style="list-style-type: none"> <li>• Application of Multi-Criteria Decision Making (András Borsi)</li> <li>• Benefit of Innovative Medicines (András Inotai)</li> <li>• Evaluation of Generic and Biosimilar Drug Policies (Zoltán Kaló)</li> <li>• Patient Adherence / Real World Outcomes (Tamás Ágh)</li> </ul>
<b>Policy-Related Activities</b>	N/A
<b>Conferences and/or Chapter Meetings</b>	<p>I. ISPOR Hungary Chapter organized 10 regular (monthly) meetings in 2014. Topics of the meetings are listed in the box below. The meetings were open to the public, attended usually between 50-100 participants.</p> <div style="border: 1px solid black; padding: 5px;"> <ol style="list-style-type: none"> <li>1. Ethical principles of decision making supported by health technology assessment. <i>Presented by Gergő Németh, National Health Insurance Fund</i></li> <li>2. The impact of geographical access to the utilisation of outpatient services. <i>Presented by Péter Elek, Eötvös Loránd University,</i></li> <li>3. Health economic aspects of national R&amp;D&amp;I programs based on the example of the National Brain Research Program. <i>Presented by Ferenc Oberfrank, Institute of Experimental Medicine (IEM), Hungarian Academy of Sciences (HAS)</i></li> <li>4. Economic and societal value of a new-born child. <i>Presented by Tamás Ágh, Syreon Research Institute</i></li> <li>5. The effect of performance-volume limit on the DRG based acute care hospital financing in Hungary. <i>Presented by: Dóra Endrei, University of Pécs</i></li> <li>6. Databases in health care. (Half-day workshop) <i>Presented by members of John von Neumann Computer Society and ISPOR Hungary Chapter. Chaired by István Kósa and Csaba Dózsa</i></li> <li>7. General practice partnership pilot program funded by the Switzer Fund - from organisational and efficiency perspective. <i>Presented by Eszter Sinkó, Norbert Kiss and Ágnes Kuntár, Health Service Management Training Centre</i></li> <li>8. Health economics of molecular diagnostics. <i>Presented by István Peták</i></li> <li>9. Recommendations of the Association of Innovative Pharmaceutical Manufacturers AIPM Hungary) for simplifying and improving the Hungarian drug reimbursement system. <i>Presented by Dávid Dankó (I&amp;S) and Mihály Fehér (AIPM)</i></li> <li>10. Typology and future perspectives of private healthcare service providers. <i>Presented by Balázs Rékassy</i></li> </ol> <p>#. Special meeting in Amsterdam, during the ISPOR Annual European Congress. <i>Speakers included: Dominik Tomek (ISPOR SK, CEE Network), Vlad Zah (ISPOR SRB, CEE Network), Imre Boncz (ISPOR HU, ViHRI, CEE Network)</i></p> </div> <p>II. The ISPOR Hungary Chapter organized a 2-day national congress with over</p>

	<p>200 participants and an international plenary session with invited speakers from other ISPOR regional chapters. The main topic of the conference was: ‘<i>Are we in the right direction towards improving efficiency in health care system?</i>’ The 2-day conference had 9 different sessions (listed below) covering a wide range of health economic and health policy issues:</p> <ul style="list-style-type: none"> <li>○ Plenary session (6 presentations)</li> <li>○ Health Care Policy session I (3 presentations)</li> <li>○ International Session on Generic drug policies (6 presentations including: Tomasz Bochenek, Vlad Zah, Dominik Tomek, Adam Plich, Anke-Peggy Holtorf, Diana Brixner)</li> <li>○ Health Care Policy session II (3 presentations)</li> <li>○ Unit of Young Professionals session (5 presentations)</li> <li>○ Pharmaceutical Reimbursement Policy session (7 presentations)</li> <li>○ Health Insurance session (7 presentations)</li> <li>○ Poster session (with total of 20+ posters)</li> <li>○ Round Table Discussion: Access to health care system: waiting lists</li> </ul> <p>III. An official Chapter meeting was held at the ISPOR European Annual Congress in Amsterdam, with a total number of 60+ attendees. <i>Speakers included: Dominik Tomek, Vlad Zah and Imre Boncz. Moderated by: András Inotai</i></p>  <p style="text-align: center;">ISPOR Congress, Amsterdam</p>
<p><b>Membership Development</b></p>	<p>I. ISPOR Hungary Chapter initiated to formulate a country based Student Chapter (in progress).</p> <p>II. A closer collaboration has been initiated with ISPOR Slovakia Chapter (Chapter President: Maria Psenkova). Discussed topics included:</p> <ul style="list-style-type: none"> <li>● Organizing joint events,</li> <li>● Collaboration in education initiatives,</li> <li>● Collaboration in patient issues,</li> <li>● Exchanging good practices in chapter membership development</li> </ul>
<p><b>Other</b></p>	<p><b>Publication Award</b></p> <p>In 2014, at the fourth time in the history of ISPOR Hungary Chapter, the award for the best Hungarian and English language health economic publications written by members of ISPOR Hungary Chapter were announced.</p> <ul style="list-style-type: none"> <li>● Best scientific paper in Hungarian journal: Páll Nóra, Kováts Tamás, Pollner Péter: Hálózatok a gyógyszerforgalmi adatok elemzésében, IME-Az egészségügyi vezetők szaklapja XII. évfolyamának Egészség-gazdaságtan különszáma, 2013 December</li> <li>● Best scientific paper in international journal: Raymond Odhiambo, Jagpreet Chhatwal, Shannon Allen Ferrante, Antoine El Khoury, Elamin</li> </ul>

	Elbasha: Economic Evaluation of Boceprevir for the Treatment of Patients with Genotype 1 Chronic Hepatitis C Virus Infection in Hungary, Journal of Health Economics and Outcomes Research 2013;1(1):62-82
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## ISPOR Hungary Chapter Annual Report Plan 2015

Activities / Accomplishments	Summary																																																												
<b>Scientific / Educational Activities</b>	<p>I. The Eötvös Loránd University (ELTE) in collaboration with the ISPOR Hungary Chapter will organize two winter university courses in January 2015 on the application of (1) biostatistics and (2) economic modeling in the implementation of HTA in Central-Eastern European countries. Course Leaders: Zoltán Kaló (ELTE), Zoltán Vokó (ELTE). Further information: <a href="http://tatk.elte.hu/studies/winter-university-courses/2816-biostatistics">http://tatk.elte.hu/studies/winter-university-courses/2816-biostatistics</a>; <a href="http://tatk.elte.hu/studies/winter-university-courses/2067-hta">http://tatk.elte.hu/studies/winter-university-courses/2067-hta</a> <a href="mailto:ELTE.HTAcourse@gmail.com">ELTE.HTAcourse@gmail.com</a></p> <div style="display: flex; justify-content: space-around;"> <div style="width: 45%;"> <p><b>Implementation of HTA in Central-Eastern European countries</b> <i>Winter University Short Course</i></p> <p>Organized by Eötvös Loránd University, Faculty of Social Sciences, Health Economics Research Centre in collaboration with the Hungarian Health Economics Association (ISPOR Hungary Chapter)</p> <p>26-30 January 2015 Location: ELTE university campus, Budapest, Hungary</p> <p>Course leader: Prof. Zoltán Kaló (Health Economics Research Centre, Eötvös Loránd University)</p> <table border="1"> <thead> <tr> <th>Day</th> <th>Draft Programme</th> </tr> </thead> <tbody> <tr> <td>26 Jan</td> <td>Introduction – HTA overview in Central Eastern Europe (CEE)</td> </tr> <tr> <td>27 Jan</td> <td>Problem formulation and HTA solutions</td> </tr> <tr> <td>27 Jan</td> <td>Transferability of HTA</td> </tr> <tr> <td>28 Jan</td> <td>Implementation of cost-effectiveness criterion</td> </tr> <tr> <td>28 Jan</td> <td>Implementation of budget impact criterion</td> </tr> <tr> <td>29 Jan</td> <td>HTA of different technologies: pharmaceutical vs. medical devices vs. diagnostics</td> </tr> <tr> <td>29 Jan</td> <td>Economic evaluation of personalized medicine</td> </tr> <tr> <td>30 Jan</td> <td>Pricing of health care technologies in CEE countries</td> </tr> <tr> <td>30 Jan</td> <td>HTA implementation in CEE I: inclusion of HTA into pricing &amp; reimbursement decisions</td> </tr> <tr> <td>30 Jan</td> <td>HTA implementation in CEE II: financial or outcome based risk-sharing agreements</td> </tr> </tbody> </table> <p>Course fee*  <table border="1"> <thead> <tr> <th></th> <th>public/academic sector</th> <th>commercial sector</th> </tr> </thead> <tbody> <tr> <td>Early Bird Registration (before 30<sup>th</sup> September 2014)</td> <td>500 €</td> <td>1500 €</td> </tr> <tr> <td>Standard Registration (after 30<sup>th</sup> September 2014)</td> <td>800 €</td> <td>1900 €</td> </tr> </tbody> </table> <small>*including VAT</small></p> <p>Fees are fully inclusive of tuition, lunch, course dinner and course materials, but do not include accommodation. A full refund of course fees will be made for cancellations received in writing at least one month prior to the workshop. Substitutes can be made but please send new delegates details when known. Cancellations made less than one month prior to the workshops are non-refundable.</p> <p>Further information: Ms. Szilvia Nagyvártok <a href="mailto:elte.htacourse@gmail.com">elte.htacourse@gmail.com</a></p> </div> <div style="width: 45%;"> <p><b>Application of Biostatistics for HTA implementation in Central-Eastern European countries</b> <i>Winter University Short Course</i></p> <p>Organized by Eötvös Loránd University (ELTE), Faculty of Social Sciences in collaboration with the Hungarian Health Economics Association (ISPOR Hungary Chapter)</p> <p>19-23 January 2015 Location: ELTE university campus, Budapest, Hungary</p> <p>Course leader: Dr. Zoltán Vokó (Department of Health Policy and Health Economics, ELTE)</p> <p>Faculty members: Prof. Tamás Rudas (Department of Statistics, ELTE) Prof. Theo Sijtsma (Department of Medical Statistics and Biostatistics, Leiden University Medical Center) Dr. Renata Nemeth (Department of Statistics, ELTE) Dr. David Simon (Department of Statistics, ELTE) Prof. Zoltán Kaló (Department of Health Policy and Health Economics, ELTE)</p> <table border="1"> <thead> <tr> <th>Day</th> <th>Draft Programme</th> </tr> </thead> <tbody> <tr> <td>19 Jan</td> <td>Key concepts of statistical inference</td> </tr> <tr> <td>19 Jan</td> <td>Interpreting results of statistical analyses</td> </tr> <tr> <td>20 Jan</td> <td>Measures of frequency and association</td> </tr> <tr> <td>20 Jan</td> <td>Estimating hazard and risk from published data</td> </tr> <tr> <td>21 Jan</td> <td>Meta-analysis</td> </tr> <tr> <td>21 Jan</td> <td>Statistical methods of pooling</td> </tr> <tr> <td>22 Jan</td> <td>Network meta-analysis</td> </tr> <tr> <td>22 Jan</td> <td>Calculation of transition probabilities based on survival data</td> </tr> <tr> <td>23 Jan</td> <td>Introduction into Markov modeling</td> </tr> </tbody> </table> <p>Course fee*  <table border="1"> <thead> <tr> <th></th> <th>public/academic sector</th> <th>commercial sector</th> </tr> </thead> <tbody> <tr> <td>Early Bird Registration (before 30<sup>th</sup> September 2014)</td> <td>500 €</td> <td>1500 €</td> </tr> <tr> <td>Standard Registration (after 30<sup>th</sup> September 2014)</td> <td>700 €</td> <td>1750 €</td> </tr> </tbody> </table> <small>*including VAT</small></p> <p>Participants should bring their own laptops, as the course includes several case studies in Excel spreadsheets and in freeware software packages.</p> <p>Fees are fully inclusive of tuition, lunch, course dinner and course materials, but do not include accommodation. A full refund of course fees will be made for cancellations received in writing at least one month prior to the workshop. Substitutes can be made but please send new delegates details when known. Cancellations made less than one month prior to the workshops are non-refundable.</p> <p>Further information: Ms. Szilvia Nagyvártok <a href="mailto:elte.htacourse@gmail.com">elte.htacourse@gmail.com</a></p> </div> </div>	Day	Draft Programme	26 Jan	Introduction – HTA overview in Central Eastern Europe (CEE)	27 Jan	Problem formulation and HTA solutions	27 Jan	Transferability of HTA	28 Jan	Implementation of cost-effectiveness criterion	28 Jan	Implementation of budget impact criterion	29 Jan	HTA of different technologies: pharmaceutical vs. medical devices vs. diagnostics	29 Jan	Economic evaluation of personalized medicine	30 Jan	Pricing of health care technologies in CEE countries	30 Jan	HTA implementation in CEE I: inclusion of HTA into pricing & reimbursement decisions	30 Jan	HTA implementation in CEE II: financial or outcome based risk-sharing agreements		public/academic sector	commercial sector	Early Bird Registration (before 30 <sup>th</sup> September 2014)	500 €	1500 €	Standard Registration (after 30 <sup>th</sup> September 2014)	800 €	1900 €	Day	Draft Programme	19 Jan	Key concepts of statistical inference	19 Jan	Interpreting results of statistical analyses	20 Jan	Measures of frequency and association	20 Jan	Estimating hazard and risk from published data	21 Jan	Meta-analysis	21 Jan	Statistical methods of pooling	22 Jan	Network meta-analysis	22 Jan	Calculation of transition probabilities based on survival data	23 Jan	Introduction into Markov modeling		public/academic sector	commercial sector	Early Bird Registration (before 30 <sup>th</sup> September 2014)	500 €	1500 €	Standard Registration (after 30 <sup>th</sup> September 2014)	700 €	1750 €
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<b>Conferences and/or Chapter Meetings</b>	<p>In 2015 the ISPOR Hungary Chapter is going to organize</p> <ul style="list-style-type: none"> <li>• 8 meetings (regular monthly meetings)</li> <li>• A 2 day-national health economic congress with an international plenary session with invited speakers from other ISPOR regional chapters.</li> </ul> <p>The 9th National Congress of Health Economics entitled "Equity-Sustainability: 2015" with English language international plenary session on "Equity aspects of hepatitis C treatments" will be organized in Budapest, 24-25th June, 2015. Further information: <a href="mailto:office@metaweb.hu">office@metaweb.hu</a></p>																																																												

	<ul style="list-style-type: none"><li>• a special Chapter meeting in Milan (November, 2015) during the ISPOR European Annual Congress.</li></ul>
<b>Membership Development</b>	ISPOR Hungary Chapter is planning to launch a country based Student Chapter (in progress) in 2015.
<b>Other</b>	In 2015, at fifth time in the history of ISPOR Hungary Chapter, the award for the best Hungarian and English language health economic publications written by members of ISPOR Hungary Chapter will be announced.

The Annual Report has been approved by the Board of ISPOR Hungary Chapter.

**András Inotai, PharmD, PhD**  
President (2014-2015)  
ISPOR Hungary Chapter