# 吴琼 ERIC Q. WU, PH.D.

# 执行董事

## **Managing Principal**

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吴琼博士是一名在医药经济、医疗大数据、医疗产品产出以及相关的医疗临床与市场研究领域资深的卫生经济学家与统计学家。他的研究项目与服务的客户涵盖北美、欧洲、亚洲、南美洲和其它新兴市场的医药、医疗仪器公司,医疗保险、医疗服务机构、和政府机构。他领导的研究与咨询项目建立在科学分析方法与医疗大数据基础之上,主要包括医疗领域的临床、经济、产出、政策研究以及科学数据开发与使用策略的制定;不同治疗方法间的比较有效性研究;医院及其它医疗机构合理化病人管理与治疗决策的临床与经济分析;医疗保险政策与决策分析;为治疗指导方针的制定进行经济建模;为医疗产品申报,药品目录及药品报销目录的制定与修改提供临床与经济的科学数据;针对医生、医疗机构、保险机构的病人个性化治疗方案的制定与执行工具的开发;临床实验的设计与分析;阶段治疗方案设计;仿制药和生物制剂的使用合理性分析;早期评估新技术新产品价值与前景;医药市场分析;研究药物与其它治疗方法直接以及间接导致的医疗资源使用情况和费用、病人生活质量的改变、工作效益损失;药物的实际使用情况分析;疾病的发病率分析及其它流行病学研究;药物安全性研究。他还致力于开发医药领域新的研究和统计方法、以及医疗大数据及相应研究方法与使用工具的开发。

## 工作经历

2002-Present 安诺析思国际咨询公司

Analysis Group, Inc.

Boston, MA

# 教育背景

1998-2002 美国南加州大学药物经济与政策学博士

Ph.D., University of Southern California

Department of Pharmaceutical Economics and Policy

School of Pharmacy

2001-2002 美国南加州大学医疗政策法规硕士

M.Sc., University of Southern California

Master's Program in Regulatory Science (Regulation, Law, and

Management in Health Care and Pharmaceutical Industry)

School of Pharmacy

1998-2000 美国南加州大学经济学硕士

M.A., University of Southern California

Department of Economics

Successfully Completed the Ph.D. Core Theory Examinations for the

Department of Economics

1993-1997 北京大学生物化学与分子生物学学士

B.S., Peking University, Beijing, China

Biochemistry and Molecular Biology Department

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北京大学企业家俱乐部理事

#### **PUBLICATIONS**

### **Articles in Peer-Reviewed Journals**

- 1. "The Economic Burden of Tenosynovial Giant Cell Tumors Among Employed Workforce in the United States," Lin F, Ionescu-Ittu R, Pivneva I, Wynant W, Shi S, Wu E, Kwong WJ, Abraham JA. *Journal of Occupational and Environmental Medicine* 2021 04; 63(4):e197-e202. doi: 10.1097/JOM.000000000002159.
- 2. "Cost-Effectiveness Analysis of Tisagenlecleucel for the Treatment of Pediatric and Young Adult Patients with Relapsed or Refractory B Cell Acute Lymphoblastic Leukemia in Japan," Wakase S, Teshima T, Zhang J, Ma Q, Watanabe Y, Yang H, Qi CZ, Chai X, Xie Y, Wu EQ, Igarashi A. *Transplantation and Cellular Therapy* 2021 03; 27(3):241.e1-241.e11. doi: 10.1016/j.jtct.2020.12.023.
- 3. "Healthcare resource utilization and costs in patients with myelodysplastic syndromes treated with hypomethylating agents: a SEER-Medicare analysis," Stein EM, Bonifacio G, Latrémouille-Viau D, Shi S, Guérin A, Wu EQ, Sadek I, Cao X. *Journal of Medical Economics* 2021 02; 24(1): 234-243. doi: 10.1080/13696998.2021.1876714.
- 4. "An overview of patients with hemophilia A in China: epidemiology, disease severity, and treatment strategies," Song X, Zhong J, Xue F, Chen L, Li H, Yuan D, Xie J, Shi J, Zhang L, Wu E, Yang R. Haemophilia. 2021 01; 27(1): e51-e59. E-pub ahead of print: 2020/11/07; doi: 10.1111/hae.14217.
- 5. "Effect of Risankizumab on Patient-Reported Outcomes in Moderate to Severe Psoriasis: The UltIMMa-1 and UltIMMa-2 Randomized Clinical Trials," Augustin M, Lambert J, Zema C, Thompson EHZ, Yang M, Wu EQ, Garcia-Horton V, Geng Z Valdes JM, Joshi A, Gordon KB. *JAMA Dermatology*. 2020 Dec 1;156(12):1344-1353. doi: 10.1001/jamadermatol.2020.3617.
- 6. "The cost-effectiveness of low-dose budesonide as a Step 2 treatment for pediatric asthma in China," Wang X, Fang H, Shen K, Liu T, Xie J, Liu Y, Zhong J, Wu E, Zhou W, Wu B. *Journal of*

- Comparative Effectiveness Research. 2020 11. E-pub ahead of print 2020/11/07; doi: 10.2217/cer-2020-0102.
- 7. "Healthcare Resource Use and Associated Costs in the Three Years Following the Initial Diagnosis of Diabetic or Idiopathic Gastroparesis: A Retrospective Claims Analysis," Chen YJ, Tang W, Ionescu-Ittu R, Ayyagari R, Wu E, Huh SY, Parkman HP. *American Journal of Gastroenterology*. 2020 10; 115: S23-S24.
- 8. "Cost-effectiveness analysis of double low-dose budesonide and low-dose budesonide plus montelukast among pediatric patients with persistent asthma receiving Step 3 treatment in China," Wang X, Fang H, Shen K, Liu T, Xie J, Liu Y, Wu P, Chen Y, Zhong J, Wu E, Zhou W, Wu B. *Journal of Medical Economics* 2020 09; 23(12): 1630-1639. e-pub ahead of print 2020/09/30; doi: 10.1080/13696998.2020.1830410.
- 9. "Clinical and Economic Outcomes of Erythropoiesis-Stimulating Agent Hyporesponsiveness in the Post-Bundling Era," Cizman B, Smith HT, Camejo RR, Casillas L, Dhillon H, Mu F, Wu E, Xie J, Zuckerman P, Coyne D. *Kidney Medicine* 2020 08; 2(5): 589-599.e1. doi: 10.1016/j.xkme.2020.06.008.
- 10. "Postdischarge Health Care Costs and Readmission in Patients with Hyperkalemia-Related Hospitalizations." Betts KA, Woolley JM, Mu F, Wang Y, Wang Y, Dua A, Wu EQ. *Kidney International Reports*. 2020 07; 5(8): 1280-1290. E-pub ahead of print 2020/08/11; doi: 10.1016/j.ekir.2020.06.004.
- 11. "Estimation of Total Costs in Pediatric and Young Adult Patients with Relapsed or Refractory Acute Lymphoblastic Leukemia Receiving Tisagenlecleucel from a U.S. Hospital's Perspective." Yang H, Hao Y, Qi CZ, Chai X, Wu EQ. *Journal of Managed Care & Specialty Pharmacy*. 2020 06; 0(0): 1-12. doi: 10.18553/jmcp.2020.20052.
- 12. "Prevalence and economic burden of hyperkalemia in the United States Medicare population." Mu F, Betts KA, Woolley JM, Dua A, Wang Y, Zhong J, Wu EQ. *Current Medical Research and Opinion*. 2020 05: 1. e-pub ahead of print 2020/05/28; doi: 10.1080/03007995.2020.1775072.
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- 14. "Oncology sequence models in health technology assessment-A literature review." Xue W, Huang M, Ramsey SD, Gu C, Xie J, Wu E, Pellissier J, Briggs A. *Value in Health*, 2020 05; 23: S69-S70. doi: 10.1016/j.jval.2020.04.1732.
- 15. "Real-world analysis of haemophilia patients in China: A single centre's experience." Song X, Liu W, Xue F, Zhong J, Yang Y, Liu Y, Xie J, Wu E, Zhang L, Shi J, Yang R. *Haemophilia*. 2020 05; n/a(n/a). doi: 10.1111/hae.14029.
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- 17. "A Review of Two Regulatory Approved Anti-CD19 CAR T-cell Therapies in Diffuse Large B-Cell Lymphoma: Why are Indirect Treatment Comparisons Not Feasible?" Zhang J, Li J, Ma Q, Yang H, Signorovitch j, Wu E. *Advances in Therapy*. 2020 05.

- 18. "Real-world analysis of hemophilia patients in China: A single center's experience," Song X, Liu W, Xue F, Zhong J, Yifan Y, Liu Y, Xie J, Wu E, Zhang L, Shi J, Yang R. *Haemophilia*. 2020 04.
- 19. "Estimation of total costs in patients with relapsed or refractory diffuse large B-cell lymphoma receiving tisagenlecleucel from a US hospital's perspective." Yang H, Hao Y, Chai X, Qi CZ, Wu EQ. *Journal of Medical Economics*. 2020 02: 1-1. doi: 10.1080/13696998.2020.1769109.
- 20. "Assessment of the real-world safety profile of vedolizumab using the United States Food and Drug Administration adverse event reporting system," Cross RK, Chiorean M, Vekeman F, Xiao Y, Wu E, Chao J, Wang AW. *PloS One*. 2019 12; 14(12): e0225572. E-pub ahead of print 2019/12/05.
- 21. "Estimation of the healthcare resource utilization (HCRU) costs in patients with relapsed or refractory diffuse large b-cell lymphoma receiving tisagenlecleucel: a micro-costing study in the UK and France," Yang H, Ma Q, Chai X, Zhang J, Wu EQ, Jousseaume E, Kuzan D, Hao Y, Duteil E, Jewitt K. *Value in Health*. 2019 11; 22: S420.
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- 23. "Meta-analysis on association of pathological complete response with long-term survival outcomes in triple-negative breast cancer," Fasching PA, Huang M, Cortes J, Zhao J, O'Shaughnessy J, Hu P, Haiderali A, Karantza V, Aktan G, Briggs A, Ramsey S, Qi CZ, Xie J, Gu C, Qian K, Yuan M, Wu EQ. *Annals of Oncology*. 2019 10; doi.org/10.1093/annonc/mdz240.067.
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- 25. "Letter to the Editor, Response to Alfred Sandrock and Wildon Farwell's 'Comparisons Between Separately Conducted Clinical Trials: Letter to the Editor Regarding Dabbous O, Maru B, Jansen JP, Lorenzi M, Cloutier M, Guerin A, et al..' *Advances in Therapy.* 2019. 36(5):1164-76. doi:10.1007/s12325-019-00923-8." Dabbous O, Maru B, Jansen JP, Lorenzi M, Cloutier M, Guerin A, Pivneva I, Wu EQ, Arjunji R, Feltner D, Sproule DM. *Advances in Therapy.* 2019 09. E-pub ahead of print 2019/09/13; doi: 10.1007/s12325-019-01088-0.
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- 30. "Comparative Effectiveness of Non-cisplatin First-line Therapies for Metastatic Urothelial Carcinoma: Phase 2 IMvigor210 Study Versus US Patients Treated in the Veterans Health Administration," Vander Velde N, Guerin A, Ionescu-Ittu R, Shi S, Wu EQ, Lin SW, Hsu LI, Saum KU, de Ducla S, Wang J, Li S, Thastrom A, Liu S, Shi L, Leppert JT. *European Urology Oncology* 2019 02; 2(1): 12-20. E-pub ahead of print 2019/04/02; doi: 10.1016/j.euo.2018.07.003.
- 31. "Comparison of Characteristics of Benign Prostatic Hyperplasia (BPH) Patients Treated with Finasteride and Alpha Blocker Combination Therapy Versus Alpha Blocker Monotherapy in China: An Analysis of Electronic Medical Record Data," Fu Y, Han S, Wang L, Gao W, Wu E, Cao X, Wang J. *Advances in Therapy*. 2018 08; 35(8): 1191-1198. doi: 10.1007/s12325-018-0748-3.
- 32. "Monitoring of Hematologic, Cardiac, and Hepatic Function in Post-Menopausal Women with HR+/HER2- Metastatic Breast Cancer," Guerin A, Goldschmidt D, Small T, Gagnon-Sanschagrin P, Romdhani H, Gauthier G, Kelkar S, Wu EQ, Niravath P, Dalal AA. *Advances in Therapy*. 2018 08; 35(8): 1251-1264. E-pub ahead of print 2018/06/28; doi: 10.1007/s12325-018-0740-y.
- 33. "Number needed to treat and costs per responder among biologic treatments for moderate-to-severe psoriasis: a network meta-analysis," Armstrong AW, Betts KA, Signorovitch JE, Sundaram M, Li J, Ganguli AX, Wu EQ. *Current Medical Research and Opinion*. 2018 07; 34(7): 1325-1333. E-pub ahead of print 2018/04/06; doi: 10.1080/03007995.2018.1457516.
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- 37. "Current Treatment Patterns Among Postmenopausal Women with HR+/HER2- Metastatic Breast Cancer in US Community Oncology Practices: An Observational Study," Goldschmidt D, Dalal AA, Romdhani H, Kelkar S, Guerin A, Gauthier G, Wu EQ, Niravath P, Small T. *Advances in Therapy*. 2018 04; 35(4): 482-493. E-pub ahead of print 2018/03/28; doi: 10.1007/s12325-018-0676-2.
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- 40. "Poor early response to methotrexate portends inadequate long-term outcomes in patients with moderate-to-severe psoriasis: Evidence from 2 phase 3 clinical trials," Gordon KB, Betts KA,

- Sundaram M, Signorovitch JE, Li J, Xie M, Wu EQ, Okun MM. *Journal of the American Academy of Dermatology*. 2017 12; 77(6): 1030-1037. E-pub ahead of print 2017/10/11; doi: 10.1016/j.jaad.2017.08.017.
- 41. "Systematic Literature Review of the Impact of Endocrine Monotherapy and in Combination with Targeted Therapy on Quality of Life of Postmenopausal Women with HR+/HER2- Advanced Breast Cancer," Zhou Z, Tang DH, Xie J, Ayyagari R, Wu E, Niravath PA. *Advances in Therapy*. 2017 12; 34(12): 2566-2584. E-pub ahead of print 2017/11/17; doi: 10.1007/s12325-017-0644-2.
- 42. "Outcomes-Based Contracting Experience: Research Findings from U.S. and European Stakeholders," Nazareth T, Ko JJ, Sasane R, Frois C, Carpenter S, Demean S, Vegesna A, Wu E, Navarro RP. *Journal of Managed Care & Specialty Pharmacy*. 2017 10; 23(10): 1018-1026. E-pub ahead of print 2017/09/26; doi: 10.18553/jmcp.2017.23.10.1018.
- 43. "Real-World Outcomes of Acute Ischemic Stroke Treatment with Intravenous Recombinant Tissue Plasminogen Activator," Betts KA, Hurley D, Song J, Sajeev G, Guo J, Du EX, Paschoalin M, Wu EQ. *Journal of Stroke and Cerebrovascular Diseases*. 2017 09; 26(9): 1996-2003. E-pub ahead of print 2017/07/12; doi: 10.1016/j.jstrokecerebrovasdis.2017.06.010.
- 44. "Attributes of nuclear imaging centers impacting physician referrals for single-photon emission computed tomography myocardial perfusion imaging tests," Li J, Houle CR, Spalding JR, Yang H, Xiang CQ, Kitt TM, Kristy RM, Wu EQ. *Journal of Medical Economics*. 2017 08; 20(8): 777-785. E-pub ahead of print 2017/04/14; doi: 10.1080/13696998.2017.1314969.
- 45. "Inpatient Admissions and Costs Associated with Persistent Use of Dalfampridine Extended-Release in Multiple Sclerosis: A Claims Database Analysis," Guo A, Niyazov A, Macaulay D, Terasawa E, Schmerold L, Wu EQ, Krieger S. *Journal of Managed Care & Specialty Pharmacy*. 2017 07; 23(7): 771-780. E-pub ahead of print 2017/06/27; doi: 10.18553/jmcp.2017.23.7.771.
- 46. "Healthcare Resource Use, Costs, and Disease Progression Associated with Diabetic Nephropathy in Adults with Type 2 Diabetes: A Retrospective Observational Study," Zhou Z, Chaudhari P, Yang H, Fang AP, Zhao J, Law EH, Wu EQ, Jiang R, Seifeldin R. *Diabetes Therapy*. 2017 06; 8(3): 555-571. E-pub ahead of print 2017/04/01; doi: 10.1007/s13300-017-0256-5.
- 47. "Retreatment Rates Among Endometriosis Patients Undergoing Hysterectomy or Laparoscopy," Soliman AM, Du EX, Yang H, Wu EQ, Haley JC. *Journal of Womens Health*. 2017 06; 26(6): 644-654. doi: 10.1089/jwh.2016.6043.
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- 51. "Readmission Risk in Chronic Obstructive Pulmonary Disease Patients: Comparative Study of Nebulized beta2-Agonists," Bollu V, Guerin A, Gauthier G, Hiscock R, Wu EQ. *Drugs Real World Outcomes*. 2017 03; 4(1): 33-41. E-pub ahead of print 2016/11/20; doi: 10.1007/s40801-016-0097-y.
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- 53. "Real-world costs of ischemic stroke by discharge status," Mu F, Hurley D, Betts KA, Messali AJ, Paschoalin M, Kelley C, Wu EQ. *Current Medical Research and Opinion*. 2017 02; 33(2): 371-378. E-pub ahead of print 2016/11/09; doi: 10.1080/03007995.2016.1257979.
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- "Matching-adjusted indirect comparisons of efficacy of BAY 81-8973 vs two recombinant factor VIII for the prophylactic treatment of severe hemophilia A," Pocoski J, Li N, Ayyagari R, Church N, Maas Enriquez M, Xiang Q, Kelkar S, Du EX, Wu EQ, Xie J. *Journal of Blood Medicine*. 2016 07; 7: 129-137. E-pub ahead of print 2016/07/23; doi: 10.2147/JBM.S104074.
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- 63. "Delay in initiation of adjuvant trastuzumab therapy leads to decreased overall survival and relapse-free survival in patients with HER2-positive non-metastatic breast cancer," Gallagher CM, More K, Kamath T, Masaquel A, Guerin A, Ionescu-Ittu R, Gauthier-Loiselle M, Nitulescu R, Sicignano N, Butts E, Wu EQ, Barnett B. *Breast Cancer Research and Treatment*. 2016 05; 157(1): 145-156. E-pub ahead of print 2016/04/25; doi: 10.1007/s10549-016-3790-3.
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- 160. Incidence of stimulant augmentation among children and adolescents with attention/deficit hyperactivity disorder (ADHD) during 2010. Betts KA, Sikirica V, Hodgkins P, Du E, Zhou Z, Erder HM, Wu EQ. 29th International Conference on Pharmacoepidemiology and Therapeutic Risk Management (ICPE), Montreal, QC, Aug 25–28. 2013.
- 161. Vitala<sup>™</sup> Continence Control Device vs. Traditional Pouch System: A Comparison of Health-Related Quality-of-Life. Yan S, Warusavitarne J, Yang M, van den Broek N, Wu EQ, Thomason D, Hoch J. 12th European Council of Enterostomal Therapy Congress, Paris, France, Jun 23–26, 2013.
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- 163. Risk of Hospital Readmissions in Patients with Chronic Obstructive Pulmonary Disease Receiving Arformoterol Tartrate versus Nebulized Short-Acting Beta2-Agonists Following Hospital Discharge. Bollu VK, Guérin A, Gauthier G, Hiscock R, Wu EQ. COPD8USA Conference, Chicago, IL, Jun 14–15, 2013.
- 164. Do oncology patients in an outpatient hospital receive the same care as patients in an office/clinic setting? A case study evaluating patients with non-metastatic HER2+ breast cancer (BC) receiving adjuvant trastuzumab. Lalla D, Brammer M, Guerin A, Gauthier G, Giguere-Duval P, Wu EQ, Santos E. 2013 ASCO Annual Meeting, Chicago, IL, Jun 4, 2013.
- 165. Predictors of complete response following disease recurrence in gastrointestinal stromal tumor (GIST) patient: A retrospective patient chart review analysis. Conley AP, Guerin A, Sasane M, Gauthier G, Schwiep FA, Keir CH, Magestro M, Wu EQ. 2013 ASCO Annual Meeting, Chicago, IL, May 31–Jun 4, 2013.
- 166. Comparison of discontinuation, health care resource utilization (HRU), and costs between metastatic breast cancer (mBC) patients (pts) who received trastuzumab (T) in an office clinic versus outpatient hospital setting. Brammer M, Lalla D, Gauthier G, Guerin A, Giguere-Duval P, Wu EQ, Santos E. 2013 ASCO Annual Meeting, Chicago, IL, May 31–Jun 4, 2013.
- 167. Economic benefits of adequate molecular monitoring in patients with chronic myelogenous leukemia (CML). Chen L, Guerin A, Wu EQ, Dea K, Goldberg SL. 2013 ASCO Annual Meeting, Chicago, IL, May 31–Jun 4, 2013.
- 168. Prescribing decision drivers in patients with recurrent gastrointestinal stromal tumor (GIST) previously treated with adjuvant imatinib: A retrospective chart extract-based approach. Guerin A,

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- 171. Budget impact analysis of liposomal amphotericin b and amphotericin b lipid complex for treating invasive fungal infections in hospitalized patients. Chaudhari P, Yang H, Zhou ZY, Patel C, Wu EQ. ISPOR 18th Annual International Meeting, New Orleans, LA, May 18–22, 2013.
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- 173. Health care resource utilization (HRU) and costs associated with disease activity in systemic lupus erythematosus (SLE): A retrospective observational cohort analysis. Kan H, Guerin A, Kaminsky M, Yu AP, Wu EQ, Denio AE, Jhingran PM, Narayanan S, Molta CT. ISPOR 18th Annual International Meeting, New Orleans, LA, May 18–22, 2013.
- 174. Impact of mirabegron treatment and symptom severity on work productivity and activity impairment in patients with overactive bladder. De G, Yang H, Runken M, Yan Y, Kelkar S, Bui C, Xie J, Wu E. ISPOR 18th Annual International Meeting, New Orleans, LA, May 18–22, 2013.
- 175. Matching-adjusted indirect comparisons: A simulation study of statistical performance. Signorovitch J, Ayyagari R, Cheng D, Wu E. ISPOR 18th Annual International Meeting, New Orleans, LA, May 18–22, 2013.
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- 180. Comparison of healthcare resource utilization and costs between patients who received trastuzumab in an outpatient hospital vs. office clinic setting for the treatment of breast cancer. Brammer M, Lalla D, Gauthier G, Guérin A, Giguere-Duval P, Wu EQ, Santos E. AMCP's 25th Annual Meeting, San Diego, CA, Apr 3–5, 2013.

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- 185. Characteristics of patients with chronic myelogenous leukemia in chronic phase switched to nilotinib or dasatinib as second-line therapy. Macalalad AR, Chen L, Guerin A, Luo J, Wu EQ, Griffin JD. 54th Annual Meeting of the American Society of Hematology, Atlanta, GA, Dec 8–11, 2012.
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- 190. Comparison of treatment patterns and outcomes in metastatic breast cancer patients initiated on trastuzumab vs. lapatinib; A retrospective analysis. Gauthier G, Guerin A, Styles AL, Wu EQ, Masaquel A, Brammer MG, Lalla D. 35th Annual CTRC-AACR San Antonio Breast Cancer Symposium, San Antonio, TX, Dec 4–8, 2012.
- 191. Investigation of gastrointestinal stromal tumor (GIST) care management in GIST patients (pts) receiving short-term versus long-term imatinib (IM) adjuvant therapy: A chart review analysis. Conley AP, Guerin A, Sasane M, Gauthier G, Schwiep F, Keir CH, Wu EQ. ASCO's Quality Care Symposium, San Diego, CA, Nov 30–Dec 1, 2012.

- 192. Risk differences in short-term radiographic progression following early response to adalimumab plus methotrexate vs. methotrexate alone. Van Vollenhoven R, Shaw JW, Cifaldi MA, Signorovitch JE, Wu EQ, Samuelson TM, Faust E, Emery P. Annual Scientific Meeting of the American College of Rheumatology and Association of Rheumatology Health Professionals 2012, Washington, DC, Nov 9–14, 2012.
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- 195. Comprehensive investigation of adverse event (AE)-related costs in patients with metastatic breast cancer (MBC) treated with firstand second-line chemotherapies. Hurvitz SA, Guerin A, Brammer M, Guardino E, Zhou ZY, Kaminsky MS, Wu EQ, Lalla D. ISPOR 15th Annual European Congress, Berlin, Germany, Nov 3–7, 2012.
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- 197. Hba1c reduction associated with initial versus sequential combination therapy with pioglitazone (PIO) and dipeptidyl peptidase-4 inhibitors (DPP4i) in patients with type 2 diabetes mellitus (T2DM). Bron M, Chen K, Ayyagari R, Sharma H, Wu EQ. ISPOR 15th Annual European Congress, Berlin, Germany, Nov 3–7, 2012.
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- 200. Cost-effectiveness model of adalimumab for the treatment of moderate to severe ulcerative colitis in the United Kingdom. Ali T, Yang M, Skup M, Yang M, Wu EQ, Chao J, Mulani PM. 20th United European Gastroenterology Week, Amsterdam, Netherlands, Oct 20–24, 2012.
- 201. A validated claims-based prediction model for COPD severity. Macaulay D, Sun S, Sorg R, Yan S, De G, Wu E, Simonelli P. CHEST 2012 Atlanta, GA, Oct 20–25, 2012.
- 202. Annual healthcare costs for patients with cystic fibrosis from a Medicaid perspective. Zhang J, Marynchenko M, Chopra P, Ohashi E, Signorovitch J, Wu E. 26th Annual North American Cystic Fibrosis Conference, Orlando, FL, Oct 11–13, 2012.

- 203. Prevalence and risk of developing gastrointestinal conditions in patients with chronic constipation. Guerin A, Mody R, Fok B, Zhou Z, Wu E, Zhou W, Lasch K, Talley N. 77th Annual Scientific Meeting of the American College of Gastroenterology, Las Vegas, NV, Oct 19–24, 2012.
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- 207. A comparison of rates and reasons for urgent care utilization among children with ADHD treated with atypical antipsychotics vs. nonantipsychotics. Betts KA, Pliszka SR, Sikirica V, Dammerman R, Hodgkins PS, Samuelson TM, Xie J, Robertson B, Wu EQ, Erder MH. Institute of Psychiatric Services Meeting, New York, NY, Oct 4–7, 2012.
- 208. Comparisons of costs and clinical outcomes in hypertensive patients treated with angiotensin receptor blockers plus chlorthalidone or hydrochlorothiazide. Leahy MJ, Sun SX, Yu AP, Chen KS, Wu EQ, Mattson M, Tang J. AMCP's 2012 Educational Conference, Cincinnati, OH, Oct 3–5, 2012.
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- 216. Comparison of discontinuation risk in patients initiated on lisdexamfetamine dimesylate (LDX) vs. other medications for the treatment of attention deficit/hyperactivity disorder (ADHD): A retrospective claims analysis. Setyawan J, Hodgkins P, Guerin A, Gauthier G, Cloutier M, Wu E, Erder MH. 20th World Congress of the International Association for Child and Adolescent Psychiatry and Allied Professions, Paris, France, Jul 21–25, 2012.
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- 221. The economic burden of unmet treatment needs in Medicaid patients with chronic constipation. Carson RT, Guerin A, Lewis B, Yin D, Kaminsky M, Ramakrishnan K, Wu EQ. ISPOR 17th Annual International Meeting, Washington, DC, Jun 2–6, 2012.
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- 225. Characteristics of gastrointestinal stromal tumor (GIST) patients receiving short-term versus long-term imatinib (IM) adjuvant therapy: A chart review analysis. Guerin A, Conley AP, Sasane M, Gauthier G, Schwiep F, Keir CH, Wu EQ. 2012 ASCO Annual Meeting, Chicago, IL, Jun 1–5, 2012.
- 226. Comparison of treatment patterns and outcomes in metastatic breast cancer (MBC) patients initiated on trastuzumab versus lapatinib: A retrospective analysis. Gauthier G, Guerin A, Styles A, Wu EQ, Brammer MG, Lalla D. 2012 ASCO Annual Meeting, Chicago, IL, Jun 1–5, 2012.
- 227. Comprehensive investigation of adverse event (AE)-related costs in patients with metastatic breast cancer (MBC) treated with first- and second-line chemotherapies. Hurvitz SA, Guerin A, Brammer MG, Guardino E, Zhou ZY, Kaminsky MS, Wu EQ, Lalla D. 2012 ASCO Annual Meeting, Chicago, IL, Jun 1–5, 2012.

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- 231. Risk of disease recurrence and mortality in gastrointestinal stromal tumor (GIST) patients receiving short-term versus long-term imatinib adjuvant therapy: A chart review analysis. Conley AP, Guerin A, Sasane M, Gauthier G, Schwiep F, Keir CH, Wu EQ. 2012 ASCO Annual Meeting, Chicago, IL, Jun 1–5, 2012.
- 232. Number needed to treat and risk benefit analysis of denosumab versus zoledronic acid in the treatment of castrate-resistant prostate cancer patients with bone metastases. Xie J, Diener M, Wu EQ, Sorg R, Yu AP, Namjoshi M. American Urological Association Annual Meeting, Atlanta, GA, May 19–23, 2012.
- 233. Associations of hypertension with risk of cardiovascular events among chinese stroke patients in the US. Fung G, Kahler K, Xie J, Marynchenko M, Wu E, Kam I, Yang W. American Society of Hypertension, Inc. 27th Annual Scientific Meeting and Exposition, New York, NY, May 19–22, 2012.
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- 235. Treatment patterns and indicators of unmet needs in Medicaid patients with irritable bowel syndrome with constipation and chronic constipation. Carson R, Guérin A, Lewis B, Yin D, Kaminsky MS, Ramakrishnan K, Wu EQ. Digestive Disease Week, San Diego, CA, May 19–22, 2012.
- 236. Compliance and persistence with nebivolol vs. Diuretics as first add-on hypertension treatment. Chen S, Macaulay D, Xie J, Swallow E, Diener M, Farooqui S, Wu E. American Society of Hypertension, Inc. 27th Annual Scientific Meeting and Exposition, New York, NY, May 19–22, 2012.
- 237. Hypoglycaemia and accident risk in people with Type 2 diabetes treated with antidiabetes drugs without insulin. Chen S, Macaulay D, Xie J, Swallow E, Diener M, Farooqui S, Wu E. Diabetes UK Professional Conference, Glasgow, UK, Mar 7–9, 2012.
- 238. Urgent care utilization for adolescents treated with atypical antipsychotics or nonantipsychotics: A comparison of rates and reasons. Pliszka SR, Sikirica V, Betts K, Hodgkins PS, Samuelson TM, Xie J, Dammerman R, Robertson B, Wu EQ, Erder MH. 165th APA Annual Meeting, Philadelphia, PA, May 5–9, 2012.
- 239. A comparison of rates and reasons for urgent care utilization among children with ADHD treated with atypical antipsychotics vs. nonantipsychotics. Betts KA, Pliszka SR, Sikirica V, Dammerman R,

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- 242. The economic burden of treatment failure in Medicaid patients with irritable bowel syndrome with constipation. Guérin A, Carson RT, Lewis B, Yin D, Kaminsky MS, Ramakrishnan K, Wu EQ. AMCP's 24th Annual Meeting, San Francisco, CA, Apr 18–20, 2012.
- 243. Current trends in utilization and dosage patterns of micafungin and caspofungin in the United States. Wu EQ, Chaudhari P, Sharma H, Macalalad AR, Horn D. American Society for Microbiology Conference on Candida and Candidiasis, San Francisco, CA, Mar 29–Apr 2, 2012.
- 244. Comparison of adherence patterns with second-line nilotinib and dasatinib in patients with Chronic Myeloid Leukemia (CML). Chen L, Guerin A, Guo A, Stepner M, Griffin JD, Wu EQ. 8th Annual Meeting of the Hematology/Oncology Pharmacy Association, Orlando, FL, Mar 21–24, 2012.
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- 246. Assessing preference for deep remission in patients with Crohn's disease. Sandborn W, Colombel JF, Louis E, Panaccione R, Yang M, Wu E, Mulani P, Chao J. 7th Congress of the European Crohn's and Colitis Organisation, Barcelona, Spain, Feb 16–18, 2012.
- 247. Health care utilization and economic burden of dermatologic adverse drug reactions (ADRs) in patients with colorectal cancer treated with an epidermal growth factor receptor inhibitor (EGFRI). Bonthapally V, Guerin A, Wu EQ, Gauthier G, Holen KD, Ray S. 2012 Gastrointestinal Cancers Symposium, San Francisco, CA, Jan 19–21, 2012.
- 248. PMH65: Comparison of Deviation Rates from the Labeled Daily Average Consumption in Patients Initiated on Stimulant Medication for the Treatment of Attention-Deficit/Hyperactivity Disorder. Setyawan J, Hodgkins P, Guerin A, Gauthier G, Cloutier M, Wu E, Erder M. International Society for Pharmacoeconomics and Outcomes Research, 2012.
- 249. Comparison of adherence between nilotinib and dasatinib as second-line therapies in chronic myeloid leukemia. Guerin A, Bollu VK, Guo A, Stepner M, Griffin JD, Wu EQ. 53rd Annual Meeting of the American Society of Hematology, San Diego, CA, Dec 10–13, 2011.
- 250. Number needed to treat and treatment cost per fracture avoided with denosumab compared with zoledronic acid in patients with breast cancer with bone metastases. Wu EQ, Xie J, Signorovitch J, Diener M, Sorg R, Namjoshi M. 2011 Breast Cancer Symposium, Chicago, IL, Nov 30–Dec 3, 2011.
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- 253. PIH14 Rates and Predictors of Chlamydia re-Screening among Privately insured Patients with Chlamydia in 2007-2009. Shi L, Liu J, Kissinger P, Khan M, Wu E. ISPOR 14th Annual European Congress, Madrid, Spain, Nov 5–8, 2011.
- 254. PIH23 Cost-Effectiveness of Guanfacine Extended Release as an Adjunctive Therapy to a Psychostimulant Compared to Psychostimulant Monotherapy for the Treatment of Attention Deficit/Hyperactivity Disorder in Children and Adolescents. Sikirica V, Erder M, Xie J, Macaulay D, Diener M, Hodgkins P, Wu E. ISPOR 14th Annual European Congress, Madrid, Spain, Nov 5–8, 2011.
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