MARKETSCAN STUDIES

Abbreviated Bibliography

Since 1988, healthcare researchers have used Truven Health MarketScan® data to understand disease progression, treatment patterns, health outcomes, and their associated costs to patients, employers, health plans, and the government. Fully HIPAA compliant, the MarketScan databases are the gold standard in proprietary databases used for healthcare research in the United States. They are the basis of over 1,400 peer-reviewed articles published in leading journals since the first article appeared in The New England Journal of Medicine in 1990 (J.B. Hillman et al.). MarketScan-based research has made a substantial contribution to the body of literature used to formulate policy decisions and improve healthcare for Americans.

2018


2017


Anger JT, Goldman HB, Luo X, Carlsson MO, Chapman D, Zou KH, Russell D, Ntanos F, Esinduy CB, Clemens JQ. Patterns of medical management of overactive bladder (OAB) and benign prostatic hyperplasia (BPH) in the United States. *Neurourol Urodyn* 2017; April 28; [Epub ahead of print].


Baggs J, Jernigan JA, Halpin AL, Epstein LH, Hatfield KM, McDonald LC. Risk of subsequent sepsis within 90 days of a previous hospital stay by type of antibiotic exposure. *Clin Infect Dis* 2017; November 9; [Epub ahead of print].


Carney PI, Yao J, Lin J, Law A. Occurrence of chronic pelvic pain, abnormal uterine bleeding, and hysterectomy postprocedure among women who have undergone female sterilization procedures: A retrospective claims analysis of commercially insured women in the US. J Minim Invasive Gynecol 2017; November 2; [Epub ahead of print].


Dandolu V, Pathak P. Health resource utilization and costs during the first 90 days following robot-assisted hysterectomy. *Int Urogynecol J* 2017; August 7; [Epub ahead of print].

Dauda S. Hospital and health insurance markets concentration and inpatient hospital transaction prices in the U.S. health care market. *Health Serv Res* 2017; May 11; [Epub ahead of print].


Franklin M, Burns L, Perez S, Yerragolam D, Makenbaeva D. Incidence of type 2 diabetes mellitus and hyperlipidemia in patients prescribed dasatinib or nilotinib as first- or second-line therapy for chronic myelogenous leukemia in the US. *Curr Med Res Opin* 2017; November 30; [Epub ahead of print].

Fu S, Lairson DR, Chan W, Wu CF, Ramondetta L. Mean medical costs associated with vaginal and vulvar cancers for commercially insured patients in the United States and Texas. *Gynecol Oncol* 2017; December 20; [Epub ahead of print].


Greene M, Yan T, Chang E, Hartry A, Touya M, Broder MS. Medication adherence and discontinuation of long-acting injectable versus oral antipsychotics inpatients with schizophrenia or bipolar disorder. *J Med Econ* 2017; September 29; [Epub ahead of print].


Huskamp HA, Samples H, Hadland SE, McGinty EE, Gibson TB, Goldman HH, Busch SH, Stuart EA, Barry CL. Mental health spending and intensity of service use among individuals with diagnoses of eating disorders following federal parity. *Psychiatr Serv* 2017; November 15; [Epub ahead of print].


Karhade AV, Larsen AMG, Cote DJ, Dubois HM, Smith TR. National databases for neurosurgical outcomes research: Options, strengths, and limitations. *Neurosurgery* 2017; August 5; [Epub ahead of print].


Marcus SC, Chuang CC, Ng-Mak DS, Olfson M. Outpatient follow-up care and risk of hospital readmission in schizophrenia and bipolar disorder. *Psychiatr Serv* 2017; 68(12): 1239–1246.


Nyarko KA, Grosse SD, Danielson ML, Holbrook JR, Visser SN, Shapira SK. Treated prevalence of attention-deficit/hyperactivity disorder increased from 2009 to 2015 among school-aged children...


Pan IW, Harris DA, Luerssen TG, Lam SK. Comparative effectiveness of surgical treatments for pediatric hydrocephalus. *Neurosurgery* 2017; August 19; [Epub ahead of print].

Park H, Chen C, Wang W, Henry L, Cook RL, Nelson DR. Chronic hepatitis C virus (HCV) increases the risk of chronic kidney disease (CKD) while effective HCV treatment decreases the incidence of CKD. *Hepatology* 2017; September 5; [Epub ahead of print].


Peckham AM, Fairman KA, Sclar DA. All-cause and drug-related medical events associated with overuse of gabapentin and/or opioid medications: A retrospective cohort analysis of a commercially insured US population. *Drug Saf* 2017; September 27; [Epub ahead of print].


Sapkota S, Kobau R, Pastula DM, Zack MM. People with epilepsy are diagnosed most often with unspecified epilepsy, followed by focal epilepsy, generalized convulsive epilepsy, and generalized nonconvulsive epilepsy-US MarketScan data, 2010-2015. *Epilepsy Behav* 2017; December 14; [Epub ahead of print].


Shrestha A, Bergquist S, Montz E, Rose S. Mental health risk adjustment with clinical categories and machine learning. *Health Serv Res* 2017; December 15; [Epub ahead of print].


Smieialuskas F, Sharma H, Hurley C, de Souza JA, Shih YT. State insurance mandates and off-label use of chemotherapy. *Health Econ* 2017; July 20; [Epub ahead of print].


Tang WY, Grothe D, Keshishian A, Morgenstern D, Haider S. Pharmacoeconomic and associated cost savings among women who were prescribed systemic conjugated estrogens therapy compared with those without menopausal therapy. Menopause 2017; November 20; [Epub ahead of print].


Wittbrodt E, Kong AM, Moore-Schiltz L, Juneau P. All-cause and diabetes-related healthcare costs among US adults with type 2 diabetes initiating exenatide once weekly or insulin glargine. *Diabetes Obes Metab* 2017; October 30; [Epub ahead of print].


Young LE, Sacks NC, Cyr PL, Sharma A, Dahdal DN. Comparison of claims data on hospitalization rates and repeat procedures in patients receiving a bowel preparation prior to colonoscopy. SAGE Open Med 2017; 5: 2050312117727999.


Carney PI, Lin J, Xia F, Law A. Temporal trend in the use of hysteroscopic vs laparoscopic sterilization and the characteristics of commercially insured and Medicaid-insured females in the US who have had the procedures. *International Journal of Women's Health* 2016; 8: 137–44.


Nichols CI, Vose JG. Clinical outcomes and costs within 90 days of primary or revision total joint arthroplasty. *Journal of Arthroplasty* 2016; 31(7): 1400–1406.e3.


**2015**


Marcus SC, Zummo J, Pettit AR, Stoddard J, Doshi JA. Antipsychotic adherence and rehospitalization in schizophrenia patients receiving oral versus long-acting injectable antipsychotics following hospital discharge. *Journal of Managed Care Specialty Pharmacy* 2015; 21(9): 754–69.


Ovcinnikova O, Panca M, Guest JF. Cost-effectiveness of using an extensively hydrolyzed casein formula plus the probiotic Lactobacillus rhamnosus GG compared to an extensively hydrolyzed formula alone or an amino acid formula as first-line dietary management for cow’s milk allergy in the US. *ClinicoEconomics and Outcomes Research* 2015; 7: 145–52.


Owusu-Edusei K Jr, Carroll DS, Gift TL. Examining fluoroquinolone claims among gonorrhea-associated 
761–4.

Owusu-Edusei K Jr, Flagg EW, Gift TL. Hospitalization cost per case of neonatal herpes simplex virus 

Owusu-Edusei K Jr, Gift TL, Patton ME, Johnson DB, Valentine JA. Estimating the total annual direct cost 
of providing sexually transmitted infection and HIV testing and counseling for men who have sex 

common data model to assess cardiovascular hospitalization and mortality in atrial fibrillation 
patients using administrative claims and medical records. *Clinical Epidemiology* 2015; 7: 77–90.

Patel CG, Tao G. The significant impact of different insurance enrollment criteria on the HEDIS chlamydia 
screening measure for young women enrolled in Medicaid and commercial insurance plans. 
*Sexually Transmitted Diseases* 2015; 42(10): 575–9.

Pearson WS, Davis AD, Hoover KW, Gift TL, Owusu-Edusei K, Tao G. Demographic and health services 
characteristics associated with testing for sexually transmitted infections among a commercially 

Perez-Nieves M, Jiang D, Eby E. Incidence, prevalence, and trend analysis of the use of insulin delivery 
systems in the United States (2005 to 2011). *Current Medical Research and Opinion* 2015; 

Pesa JA, Muser E, Montejano LB, Smith DM, Meyers OI. Costs and resource utilization among Medicaid 
patients with schizophrenia treated with paliperidone palmitate or oral atypical antipsychotics. 

Peterson C, Xu L, Florence C, Grosse SD, Annest JL. Professional fee ratios for US hospital discharge 

Peterson C, Xu L, Florence C, Parks SE. Annual cost of U.S. hospital visits for pediatric abusive head 

Petraglia FW 3rd, Farber SH, Thomas SM, Wang F, Churchill LE, Lad SP. Increasing rates of imaging in 

Petri M, Daly RP, Pushparajah DS. Healthcare costs of pregnancy in systemic lupus erythematosus: 

Purcell PL, Beck S, Davis GE. The impact of endoscopic sinus surgery on total direct healthcare costs 
among patients with chronic rhinosinusitis. *International Forum of Allergy & Rhinology* 2015; 


Roberts AW, Dusetzina SB, Farley JF. Revisiting the washout period in the incident user study design: Why 6-12 months may not be sufficient. *Journal of Comparative Effectiveness Research* 2015; 4(1): 27–35.


Sullivan PW, Campbell JD, Ghushchyan VH, Globe G. Outcomes before and after treatment escalation to Global Initiative for Asthma steps 4 and 5 in severe asthma. *Annals of Allergy, Asthma, & Immunology* 2015; 114(6): 462–9.

Sun E, Baker LC. Concentration in orthopedic markets was associated with a 7 percent increase in physician fees for total knee replacements. *Health Affairs* 2015; 34(6): 916–21.


Kirby JS, Miller JJ, Adams DR, Leslie D. Health care utilization patterns and costs for patients with hidradenitis suppurativa. *JAMA Dermatology* 2014; 150(9): 937–44.


Wade RL, Kindermann SL, Hou Q, Thase ME. Comparative assessment of adherence measures and resource use in SSRI/SNRI-treated patients with depression using second-generation antipsychotics or l-methylfolate as adjunctive therapy. *Journal of Managed Care Pharmacy* 2014; 20(1): 76–85.


2013


2012


**2011**


Carls GS, Gibson TB, Driver VR, Wrobel JS, Garoufalis MG, Defrancis RR, Wang S, Bagalman JE, Christina JR. The economic value of specialized lower-extremity medical care by podiatric


Insinga RP, Ng-Mak DS, Hanson ME. Costs associated with outpatient, emergency room and inpatient care for migraine in the USA. *Cephalalgia* 2011; 31(15): 1570–5.


Vlahiotis A, Devine ST, Eichholz J, Kautzner A. Discontinuation rates and health care costs in adult patients starting generic versus brand SSRI or SNRI antidepressants in commercial health plans. *Journal of Managed Care Pharmacy* 2011; 17(2): 123–32.


**2010**


Barlev A, Song X, Ivanov B, Setty V, Chung K. Payer costs for inpatient treatment of pathologic fracture, surgery to bone, and spinal cord compression among patients with multiple myeloma or bone metastasis secondary to prostate or breast cancer. Journal of Managed Care Pharmacy 2010; 16(9): 693–702.


2009

---------------------------------------------------------------


Lee DW, Foster DA. The association between hospital outcomes and diagnostic imaging: Early findings. *Journal of the American College of Radiology* 2009; 6; 780–785.


**2008**


**2007**


Suh DC, Kahler KH, Choi IS, Shin H, Kralstein J, Shetzline M. Patients with irritable bowel syndrome or constipation have an increased risk for ischaemic colitis. *Alimentary Pharmacology & Therapeutics* 2007; 25(6): 681–92.


Wynn ML, Chang S, Peipins LA. Temporal patterns of conditions and symptoms potentially associated with ovarian cancer. *Journal of Women’s Health* 2007; 16(7): 971–86.


2006


**2005**


**2004**


2003


### 2002


2001

--------------------------------------------------------------------------------


**2000**


1999


1998


**1997 and before**


To contact Truven Health regarding these and other authored studies, please e-mail lifesciences@truvenhealth.com.

MarketScan is a registered trademark of Truven Health Analytics.

(1629)