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# Introduction

QuintilesIMS information is used extensively by researchers around the world to advance understanding of key healthcare issues. As a leading global information and technology services company, we collaborate with academics and others whose research would be significantly advanced through access to QuintilesIMS proprietary information. This activity generates a large number of peer-reviewed publications and conference presentations, covering a broad range of topics.

The range of information accessed and used for research purposes is extensive. It includes summarized global and national prescription drug volume and sales information; provider-level prescription information; de-identified longitudinal patient data; provider profiles and organizational relationships; and commercial insurance medical and pharmacy claims information.

This bibliography provides a summary of research published from January 2010 through December 2016 that was undertaken by U.S.-based researchers and utilized IMS Health data assets. The bibliography is in reverse chronological order by publication date and organized into four themes: Understanding Disease and Treatment Patterns, Providing Content for Healthcare Costs, Assessing Policy Levers, and Advancing Real World Patient-Level Clinical Evidence. Collectively, this research represents a substantial advancement in understanding the real-world operation of our health system, and is invaluable to multiple stakeholders. This bibliography has been produced as a public service without industry or government funding.

Murray Aitken Executive Director QuintilesIMS Institute

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QuintilesIMS, 100 IMS Drive, Parsippany, NJ 07054, USA info@quintilesimsinstitute.org http://www.quintilesimsinstitute.org

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### **Understanding Disease and Treatment Patterns**

### Potential adverse effects of long term use of Proton Pump Inhibitors

Marshall Journal of Medicine. 2016;2(3):68 Doshi MD, Shreyans M, Khamar MS, Kazumi A, Sehgal DV, Shah MD

#### Antibiotic prescriptions in the community by type of provider in the United States, 2005-2010

Journal of the American Pharmacists Association. 2016 Dec 31;56(6):621-6

Suda KJ, Roberts RM, Hunkler RJ, Taylor TH

#### Dosing patterns and medication adherence in bipolar disorder patients treated with lurasidone: a US retrospective claims database analysis

Therapeutic Advances in Psychopharmacology. 2016 Dec;6(6):355-68

Sajatovic M, Ng-Mak D, Solem CT, Lin FJ, Rajagopalan K, Loebel A

## Persistent sexual dysfunction with finasteride 1 mg taken for hair loss

Pharmacotherapy: The Journal of Human Pharmacology and Drug Therapy. 2016 Nov 1;36(11):1180-4

Guo M, Heran B, Flannigan R, Kezouh A, Etminan M

#### The Impact of collagenase clostridium histolyticum introduction on dupuytren treatment patterns in the United States

The Journal of Hand Surgery. 2016 Oct 31;41(10):963-8 Zhao JZ, Hadley S, Floyd E, Earp BE, Blazar PE

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#### National and Northern New England opioid prescribing patterns, 2013–2014

Pain Medicine. 2016 Oct 28:pnw231 Toth AR, Possidente CJ, Sawyer LM, DiParlo MA, Fanciullo GJ

### Estimated incidence of pertussis in people aged< 50 years in the United States

Human vaccines & immunotherapeutics. 2016 Oct 2;12(10):2536-45

Chen CC, Balderston McGuiness C, Krishnarajah G, Blanchette CM, Wang Y, Sun K, Buck PO

### Management of head louse infestations in the United States—a literature review

Pediatric Dermatology. 2016 Sep 1;33(5):466-72 Koch E, Clark JM, Cohen B, Meinking TL, Ryan WG, Stevenson A, Yetman R. Yoon KS

# Incidence and prevalence of acromegaly in the United States: a claims-based analysis

Endocrine Practice. 2016 Aug 19;22(11):1327-35 Broder MS, Chang E, Cherepanov D, Neary MP, Ludlam WH

#### The HIV therapy market

Nature Reviews Drug Discovery. 2016 Jul 1;15(7):451-2 Gubernick SI, Félix N, Lee D, Xu JJ, Hamad B

#### Metformin prescription patterns among US adolescents aged 10-19 years: 2009-2013

J Clin Pharm Ther. 2016 Apr;41(2):229-36 Wang T, McNeill AM, Chen Y, Senderak M, Shankar RR

#### Prescriptions, nonmedical use, and emergency department visits involving prescription stimulants

J Clin Psychiatry. 2016 Mar;77(3):e297-304 Chen LY, Crum RM, Strain EC, Alexander GC, Kaufmann C, Mojtabai R

#### Patient, physician and organizational influences on variation in antipsychotic prescribing behavior

J Ment Health Policy Econ. 2016 Mar;19(1):45-59

Tang Y, Chang CC, Lave JR, Gellad WF, Huskamp HA, Donohue JM

#### Tablet/capsule size variation among the most commonly prescribed medications for children in the USA: retrospective review and firsthand pharmacy audit

Paediatr Drugs. 2016 Feb;18(1):65-73 Jacobsen L, Riley K, Lee B, Bradford K, Jhaveri R

#### A US claims-based analysis of real-world lipid-lowering treatment patterns in patients with high cardiovascular disease risk or a previous coronary event

Am J Cardiol. 2016 Feb 15;117(4):495-500

Quek RG, Fox KM, Wang L, Li L, Gandra SR, Wong ND

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### IUD services among primary care practices in New York City

**Contraception (2015)** 

Jacobson L, Garbers S, Helmy H, Roobol H, Kohn J, Kavanaugh M

#### Epidemiology and treatment of new-onset and established rheumatoid arthritis in an insured US population

Arthritis Care Res (Hoboken). 2015 Dec;67(12):1646-55

Crane MM, Juneja M, Allen J, Kurrasch RH, Chu ME, Quattrocchi E, Manson SC, Chang DJ

#### National trends in ambulatory oral anticoagulant use

Am J Med. 2015 Dec;128(12):1300-1305

Barnes GD, Lucas E, Alexander GC, Goldberger ZD

#### One-year treatment persistence with local estrogen therapy in postmenopausal women diagnosed as having vaginal atrophy

Menopause. 2015 Nov;22(11):1197-203

Portman D, Shulman L, Yeaw J, Zeng S, Uzoigwe C, Maamari R, Iyer NN

#### Lipid-lowering treatment patterns among patients with type 2 diabetes mellitus with high cardiovascular disease risk

BMJ Open Diabetes Res Care. 2015 Sep 23;3(1) Quek RG, Fox KM, Wang L, Li L, Gandra SR, Wong ND

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