

Optum Health Economics and Outcomes Research (HEOR)

The Optum[®] Health Economics and Outcomes Research (HEOR) division employs a multidisciplinary staff of over 85 doctorate and masters-level researchers and project managers, clinical pharmacists, programmers and statistical analysts who design and conduct studies to generate real-world evidence of the value of medications and medical devices. The Optum HEOR team has a long track record of success with over 750+ publications in the peer-reviewed literature.

Outcomes research

- Demonstrated leadership in study design, oversight of project execution, client collaboration, and dissemination

Analytics

- Broad experience in multi-variable modeling and econometrics
- Proficiency analyzing multiple data sources – claims, EHR, registry, survey, chart, device, trials

Programming

- Expertise in SAS, STATA, ACCESS, PERL, R, ASP, VBA/VB Script, SQL and RUBY
- Familiarity in SUDAAN, MATLAB, JAVA, PHP, Shell, ASP.net, HTML, XML and C

Primary data collection

- Expertise in state-of-the-art survey methods
- Able to execute all modes of data collection (mail, phone, web, PDA, in-person)

Medical writing

- Manuscripts and systematic literature reviews
- Abstracts and posters
- Average 30+ publications and 50+ posters annually

Unparalleled data assets

Medical and pharmacy claims data

- Over 160 million lives, dating back to 1993
- Full capture of medical and pharmacy encounters, linkable to laboratory results, death registries and socioeconomic data

Electronic health records (EHR) data

- Over 75+ million lives, dating back to 2007
- Structured clinical data
- Enhanced by natural language processing of free text electronic clinical notes
- Validation of key terms to identify conditions, diagnoses and exposures that are difficult to capture through traditional data source mining

Novel data linkages

- Patient populations captured within both the claims and EHR data assets
- Additional data sources (e.g., patient and provider surveys, medical chart abstraction, registries)

Comprehensive analytic service offerings

Optum HEOR offers a comprehensive array of analytic service offerings to meet the research needs of our clients, including:

- Retrospective database studies (administrative claims, EHR data, external or client data)
- Direct-to-patient surveys (survey samples identified using administrative claims; and survey data is linked to utilization and cost data from administrative claims for analysis)
- Provider surveys (physicians treating targeted patient samples are identified using administrative claims)
- Medical record abstraction (patients identified using administrative claims; clinical measures from medical records are linked to utilization and cost data from administrative claims for analysis)
- Analytics on demand (non-protocol driven analysis; hypothesis generation; post-hoc analyses)
- Medical writing (manuscript, abstract, and poster presentation; literature reviews)

Driving meaningful change in health care delivery

What sets us apart from other research shops is our relationship with Optum. Optum touches all parts of the health care system. So unlike other research units whose job is done once results are published, the Optum HEOR team has the unique opportunity to translate its research into programs and interventions that drive meaningful change in health care delivery.

We hope you share our passion for research with a purpose, and we look forward to opportunities to collaborate with you.

Get a commanding view of market dynamics:

Email: connected@optum.com

Phone: 1-866-306-1321

Visit: optum.com/life-sciences



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