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## **University of California Research eXchange (UC ReX)**

### **General Description**

“The University of California Research eXchange (UC ReX) Data Explorer is a secure, web based system that enables UC investigators to identify potential research study cohorts at the five UC medical centers.”<sup>1</sup> Data are derived from administrative records and electronic health records of patients that received services at participating UC biomedical centers. This includes select de-identified data. De-identified data for the following categories are provided: demographics (age, ethnicity, gender, language, marital status, race and religion), diagnoses (ICD-9 based), procedures (ICD-9 based), laboratory orders (150+ top UC ordered labs, not including lab values), and medications (a proof of concept of (4) medications are included).<sup>2</sup>

### **Background**

“The University of California Research Exchange (UC ReX) is a collaborative program initiated in 2011 with the goal of enhancing UC research capability and competitiveness across the five UC biomedical centers. UC ReX is operated under the direction of University of California Biomedical Research Acceleration, Integration and Development (BRAID).”<sup>2</sup> The University of California Research eXchange seeks to “enhance the competitiveness and impact of clinical research at the University of California by enabling multi-campus projects and to support identification of best practices among UC Health Systems.”<sup>3</sup>

### **Data Collection**

“The patient data are derived from administrative records and electronic health records of unique patients that received services at participating UC biomedical centers.”<sup>2</sup>

### **Data Coverage**

The data repository currently houses approximately 12 million patient records that represent patients from all five UC medical centers (Davis, Irvine, Los Angeles, San Diego, and San Francisco).

### **Accessibility**

“Users can conduct interactive searches of data derived from patient care activities at Davis, Irvine, Los Angeles, San Diego and San Francisco. The output of each query is a numeric count of cohorts by site that match the criteria identified in the query. The numeric counts can help assess the feasibility of a study or hypotheses by identifying whether there are sufficient prospective subjects within the UC system.”<sup>1</sup>

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<sup>1</sup> <http://ucrex.org/aboutReX.html>

<sup>2</sup> <http://ucrex.org/faqReX.html>

<sup>3</sup> <http://ucrex.org/index.html>

“UC researchers and faculty who are authorized to access clinical informatics tools can use the Data Explorer.”<sup>2</sup> However, the program responds to data inquiries from the public, research and medical communities.

**Data Link**

<http://ucrex.org/>

**Funding**

UC ReX is funded by the University of California Office of the President.

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