



Research Compliance Office
Institutional Review Board
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Use of i2b2 and Health Facts by University of Missouri Kansas City (UMKC) and Truman Medical Centers (TMC)

The use of data from i2b2 and Health Facts was determined to be Not Human Subjects Research and therefore not subject to IRB Regulations (IRB 15-254 and IRB 14-567 respectively).

The use of i2b2 and Health Facts for research purposes by researchers at UMKC or TMC does not require unique submissions to the UMKC IRB for each use of either data set. However, if the use of i2b2 or Health Facts is in conjunction with activities that would constitute Human Subjects Research (HSR), an appropriate application type would be required.

IRB # 15-254 i2b2

I2b2 provides an application that enables researchers to access a de-identified subset of the information in the TMC Electronic Health Record.

All data in i2b2 is scrubbed of protected health information before it is installed in the system. Data is extracted in bulk from the Cerner Millennium system at Truman

IRB# 14-567 Health Facts

The de-identified data set will be received from Cerner and loaded into a computing environment hosted by the UMKC data center. The data will be accessed by users approved by the Center for Health Insights. Data access will be performed using SAS, R and Oracle queries related to clinically significant topics.

Cerner has scrubbed the data of all PHI before providing the data set to UMKC. The data was captured during the delivery of health care at Cerner sites that elected to provide Cerner with data rights for de-identified research.

A handwritten signature in blue ink, appearing to read 'Chris Winders', is positioned above the printed name.

Chris Winders
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