

YODA Project Protocol #2016-0725 Final Report:

Investigation of Racial and Ethnic Differences in Cardiometabolic Health of Patients with Schizophrenia/Schizoaffective Disorder

Objectives: The purpose of the proposed project was to investigate racial/ethnic differences in Metabolic Syndrome (MetS) in patients with schizophrenia enrolled in schizophrenia/schizoaffective disorder studies conducted in the United States (US). The study also proposed to investigate racial/ethnic differences in factors contributing to MetS risk in these patients and differences in MetS related health outcomes such as cardiometabolic outcomes.

Specific Aims: In a cross-sectional, retrospective review of records of patients enrolled in schizophrenia/schizoaffective disorder studies at the US study sites-

1. Investigate racial/ethnic differences in body-mass index (BMI) and other MetS components in patients with schizophrenia and schizoaffective disorder.
2. Investigate racial/ethnic differences in factors contributing to the risk of MetS in patients with schizophrenia and schizoaffective disorder.
3. Assess racial/ethnic differences in MetS-related health outcomes in patients with schizophrenia and schizoaffective disorder

Methods:

Proposed methods were as follows-

Primary Outcome measures (from screening/baseline evaluations data source):

1. Body mass index
2. Five Components of MetS: Fasting glucose, high-density-lipoprotein (HDL) cholesterol, triglycerides, blood pressure, and waistline

Secondary Outcome measures (from screening/baseline evaluations data source):

1. Other health related data such as heart rate, QTc interval gathered
2. Health outcomes including diabetes, cardiovascular illness, cerebrovascular illness and other medical comorbidities

Main Predictor/Independent Variable: Self-reported racial/ethnic from screening or baseline evaluations will be used to define the main predictor, a four level categorical variable: Caucasian, African-American, Hispanic, and Other.

Proposed Analyses: One way ANOVA, General linear models, and Generalized linear models

Analyses were not completed as the data did not contain needed variables in an appropriate format to conduct the analyses.

Results: No results available due to lack of analyses

Conclusions: N/A