Investigator:  Suzann Pershing (Ophthalmology)

Title:  Leveraging Big Data to Assess the Impact of Vision and Eye Surgery on Dementia

Summary:

Preliminary data have suggested improved cognitive outcomes among dementia patients who underwent cataract surgery but that patients with dementia are only half as likely to undergo cataract surgery compared to those without dementia. We are writing a proposal to use longitudinal VA EHR data to 1) develop a database with electronic phenotypes for dementia and visual impairment and 2) evaluate the impact of cataract surgery on dementia incidence and progression. In this Data Studio consultation, we would like to discuss 1) how to model impact of cataract surgery on dementia incidence and 2) how to model dementia progression as a function of time after cataract surgery.

For more information about Data Studio: