STRIKE Clinical Data Warehouse containing patient records from Stanford Hospitals and Clinics and Lucile Packard Children’s Hospital

Exclude patient data from consideration prior to year 2000 or if patient is 16 years or older

Patients with juvenile idiopathic arthritis (JIA) ICD-9 codes (N = 834)

Exclude patient if JIA terms not found in clinical notes (N = 232)

Select subset of JIA patients (N = 602) who have uveitis ICD-9 diagnosis codes and mention of uveitis in the clinical record (N = 46)

Exclude patient if only acute uveitis without chronic uveitis ICD-9 codes are found (N = 4)

Balance cohort with uveitis and patients without uveitis based on number of notes in the clinical record to avoid documentation bias

Exclude JIA patients with less than 25 notes in clinical record (N = 301)

Mine clinical notes annotated with text analysis pipeline and structured data for hypothesized association between cohort with uveitis (N = 42) and without uveitis (N = 255)