75,412 eligible subjects

599 excluded for having neurosurgery or diagnostic
code for condition that can cause abnormal head size
before first head circumference in electronic record

74,813 subjects evaluated for potential indicators of pathology

70,034 had no indication of new diagnosis of IEC or
MGCM between first recorded HC and 3 years of age

4,779 subjects had one or more potential indicators of pathology associated with head enlargement during timeframe
38 neurosurgery
499 code
2774 neuroradiology
2595 specialist
370 lab

365 excluded due to evidence on chart review of excluding diagnosis before first head circumference in electronic record
20 excluded due to evidence on chart review of birth weight <1500g or gestational age <33 weeks

74,428 subjects
85 diagnosed with pathology associated with head enlargement
239 diagnosed with benign enlargement of the subarachnoid spaces
3,597 underwent some evaluation and had no diagnoses of intracranial expansive conditions or metabolic or genetic conditions associated with macrocephaly
70,507 had no evidence of evaluation (473 subjects did not receive ordered evaluations)