

Table 1.

Disease	Computable Phenotype	Sensitivity	PPV	Product (Sens*PPV)
Neonatal HIE*	HIE ICD-9/10 & (Brain MRI OR EEG CPT code) within 120 DOL & absence of commonly miscoded conditions	95.7% [85.4-99.5]	100% [96-100]	0.957
JME**	JME ICD-10	32% [26-38]	90.5% [83-95]	0.29
	JME ICD-10 and corresponding ICD-9 (345.1)	71.7% [65-77]	6% [1.3-16]	0.043
Treatment Resistant***	Intractable ICD OR > 2 AED (2 yrs)	86.9% [79-93]	69.6% [60-79]	0.605
	Intractable ICD 9/10	78.8% [69-86]	71.7% [61-80]	0.565
	>2 unique AEDs within last 2 yrs	47.5% [37-58]	87.3% [79-93]	0.415

*displaying 1 of 4 CPs tested

**displaying 2 of 4 CPs tested

***displaying 3 of 8 CPs tested