

Table S2 - Core Lexicon for Pattern Matching.

Component	Regular Expression
SEVERITY	(severe acute fulminant progressive malignant)
EARLY_ONSET	(neonatal infantile congenital)
CRITICAL_SYSTEMS	(encephalopathy cardiomyopathy failure leukodystrophy leukoencephalopathy atrophy atresia agenesis)
CATASTROPHIC_FINDINGS	(brainstem anomalies high lactate pyloric atresia)

Note: This lexicon provides the semantic components for pattern-based rules C4, C5, and H5.