

Table 1: Clinical Characteristics of HH Patients

Patient	Seizure Types				Seizures without EEG correlate (scalp negative)	Neuro-developmental impairments	Other Malformations
	Gelastic	Focal Dyscognitive	Generalized	Infantile Spasms			
1	✓		✓				
2	✓	✓	✓			✓	
3	✓			✓		✓	
4		✓			✓	✓	
5	✓	✓	✓		✓	✓	Multiple brain malformations
6	✓			✓	✓	✓	
7	✓	✓	✓		✓	✓	
8		✓	✓		✓	✓	
9	✓	✓	✓			✓	
10		✓	✓				
11	✓		✓		✓	✓	
12		✓	✓		✓	✓	
13	✓	✓				✓	
14	✓	✓			✓		Oro-facial-digital syndrome
15	✓	✓			✓		Pallister Hall syndrome
16	✓	✓	✓			✓	
Total Number	12	12	10	2	9	12	3
Percentage	75	75	62.5	12.5	56.25	75	18.75