Table 1: Baseline Characteristics and outcome variables and comparison with previous studies on long term outcomes (>5yrs) of children with infantile spasms.

Baseline characteristics	Current study (India 2020; n=402)	Guveli[11] (Turkey 2015; n=109)	Partikian[10] (US 2010; n=159)	Ito[9] (Japan 2001; n=117)	Riikonen[14] (Finland 1996; n=214)	Jeavons[12] (UK 1973; n=150)
Mean/median age in years ± SD (range)	7·7(IQR 6·5-8·9)	9·5 ±4 (3-19)	5·4(1-16·2)	..	..	..
Mean/median age at onset in months ± SD (range)	7(IQR 5-10)	6 ± 6	5·9 ± 3·3	6·5(1-46)		6(1-18)
Mean/Median age at initiation of treatment in months ± SD (range)	12(IQR 9-15)	..	8·2 ± 4·8	..	6·4(1-23)	..
Mean/Median lead time to treatment ± SD (range)	112(IQR 98-140)days	..	2·3 ± 3·5 months	..	2·3(1-24) months	..
Males, n (%)	302(75)	65(60)	77(48)	58(50)	128(60)	104(69)
Structural etiology, n (%)	337(84)	75(69)	117(74)	75(65)	172(80)	106(71)
Acquired brain insult, n (%)	294(73)	57(52)	27(17)	-	60(28)	69(46)
Epilepsy n (%)						
IS with response to Hormonal therapy / vigabatrin	135(34)	..	..	46(40)	98/162(61)	..
Evolution to LGS	245(60)	..	..	39(33)	26/147(18)	..
Long-term outcomes, n (%)						
Persistent spasms at 5 years of age	52(13)	..	..	..	4/147(3)	16(11)
Seizure-freedom for ≥2 years	141(35)	60(55)	..	21/85(25)	48/147(33)	..
Seizure freedom never achieved	105(26)	49(45)	..	34/85(40)	··26/147(18)	..
Neurodevelopmental outcome, n(%)						
Impaired quality of life	116/164(71)[*]	100(92)[**]	..	..	124/147(84)	..
Poor sleepers(CSHQ>41)	135/164(82)	..	..	..	..	..
Moderate to severe intellectual disability	111/164(68)[^]	..	63/109(58)	..	111/147(76)	80(53)[**]
Unfavorable motor outcome	130(32)[@]	37(34)[**]	66/109(61)	23/85(27)	111/147(76)[**]	32(21)[**]
ASD	42/164(26)[#]	..	..	..	..	..
ADHD	18/164(11)[#]	..	..	..	..	..
Significant predictors of long-term outcome						
Poor sleep (OR, p-value)	Structural Etiology (3·21,0·006)	..	..	..	..	..
Moderate to severe intellectual disability (OR ,p-value)	Age of onset < 5 months (2·24,0·03)	Symptomatic etiology	Symptomatic etiology and failure of first-line therapy	..	Earlier onset of spasms, longer lead time and symptomatic etiology	..

Abbreviations: IQR, Interquartile range, PedsQL, Pediatric Quality of life score, CSHQ, Children's Sleep Habits Questionnaire, E-Chess, Early Childhood Epilepsy Severity Scale, ASD, Autism Spectrum Disorder, ADHD, Attention Deficit Hyperactivity Disorder, OR- Odds Ratio.[*]PedsQL score less than 48·5, [**]Subjective assessment, [^] VSMS score less than 55, [@] GMFCS level-IV and V, [#] Assessed by DSM-V.