

Author, year. Location.	Population Studied and Mean Age	Constipation	Small Bowel Obstruction	Fecal incontinence	Enterocolitis	Social functioning	Psychosocial functioning	Emotional functioning
Cohort studies								
Khalil, 2015. Egypt.	53 children with a mean age of 5.8 years.							
Parent report (n/N) ^a		4/53	^b	3/53				
Parent report (mean, SD)						92.3 ± 14.7		95.5 ± 6.5
Child report (n/N)								
Child report (mean, SD)								
Lane, 2016. USA.	325 children and youth younger than 18 years.							
Parent report (n/N)								
Parent report (mean, SD)				23			58.9 ± 19.2	
Child report (mean, SD)								
Child report (mean, SD)								

Grano, 2010. Italy.	62 children with a mean age of 7.3 years and 175 parents with a mean age of 24.0 years.		
Parent report (n/N)			
Parent report (mean, SD)	81.98± 24.21	79.87± 20.49	85.68± 21.69
Child report (n/N)			
Child report (mean, SD)			
John, 2010. India.	166 children with a mean age of 7.5 years.		
Parent report (n/N)			
Parent report (mean, SD)		9.1	
Child report (n/N)			
Child report (mean, SD)			
Aworanti, 2012. Ireland.	51 parents whose mean age was not reported.		
Parent report (n/N)	16/51	31/42	
Parent report (mean, SD)			

Child report (n/N)			
Child report (mean, SD)			
Granstrom, 2013. Sweden.	27 children with a mean age of 4.4 years at interview 1 and 7.4 years at interview 2.		
Parent report (n/N)	11/27	20/27	
Parent report (mean, SD)			
Child report (n/N)			
Child report (mean, SD)			
Yang, 2016. China.	31 parents whose mean age was not reported.		
Parent report (n/N)		0/31	21/31
Parent report (mean, SD)			
Child report (n/N)			
Child report (mean, SD)			
Levitt, 2013. USA.	67 children with a mean age of 1.56 years.		
Parent report (n/N)	21/67		9/67

Parent report (mean, SD)			
Child report (n/N)			
Child report (mean, SD)			
Hukkinen, 2014. Finland.	8 children whose mean age was not reported.		
Parent report (n/N)	4/8		5/8
Parent report (mean, SD)			
Child report (n/N)			
Child report (mean, SD)			
Yeh, 2014. Taiwan.	9 children with a mean age of 0.49 years.		
Parent report (n/N)	4/9		5/9
Parent report (mean, SD)			
Child report (n/N)			
Child report (mean, SD)			
Roorda, 2018. Netherlands.			
Parent report (n/N)	13/17		8/17

Parent report (mean, SD)				95.6± 8.5
Child report (n/N)	8/26	8/17		
Child report (mean, SD)				95.6± 8.5
Zhuansun, 2020. China.	35 children whose mean age was not reported.			
Parent report (n/N)				
Parent report (mean, SD)				
Child report (n/N)		6/198	36/198	
Child report (mean, SD)				
Espeso, 2020. France.	63 child-parent dyads with a children's mean age of 11.55 years.			
Parent report (n/N)				
Parent report (mean, SD)		58± 36	88± 20	85± 20
Child report (n/N)			2/63	
Child report (mean, SD)		68± 32	94± 12	86± 26

Townley, 2020. United Kingdom.	71 children whose mean age was not reported.			
Parent report (n/N)				
Parent report (mean, SD)	17± 6	17± 7		
Child report (n/N)				
Child report (mean, SD)				
Saysoo, 2020. Indonesia.	11 children whose mean age was not reported.			
Parent report (n/N)				
Parent report (mean, SD)	2.5	2.06	2.69± 0.99	
Child report (n/N)				
Child report (mean, SD)	2.5	2.06	2.69 ± 0.99	
Allin, 2020. United Kingdom.	227 children whose mean age was not reported.			
Parent report (n/N)	27/72	29/72	108/227	
Parent report (mean, SD)				67.4± 20.96
Child report (n/N)				

Child report (mean, SD)				
Case Control Studies				
Yamataka, 2009. Japan.	24 children whose mean age was .082 years.			
Parent report (n/N)	0/14			
Parent report (mean, SD)				
Child report (n/N)				
Child report (mean, SD)				
Control (n/N, %)				
Collins, 2017. Australia.	60 parents whose mean age was not reported.			
Parent report (n/N)				
Parent report (mean, SD)	4.47 ± 3.97	22.2 ± 13.3		76 ± 17.9
Child report (n/N)				
Child report (mean, SD)				
Control (n/N, %)				
Meinds, 2019. Netherlands.	173 children whose mean age was not reported.			
Parent report (n/N)				

Parent report (mean, SD)					
Child report (n/N)	38/173	39/173	65/173		
Child report (mean, SD)					
Control (n/N, %)					
Wong^c, 2020. China.	21 children with a mean age of 18 years.				
Parent report (n/N)					
Parent report (mean, SD)					
Child report (n/N)					
Child report (mean, SD)	42.9		77.2	26.4	71.9
Control (n/N)					
Control (mean,SD)	60		87.5	71.7	63.6
Sood, 2018. Australia.	58 children with a mean age of 14.48 years.				
Parent report (n/N)					
Parent report (mean, SD)			16.7± 7.99		82.53± 17.61
Child report (n/N)				16/58	
Child report (mean, SD)	4.3± 2.98				82.53± 17.61

Control (n/N, %)	
Mathias, 2016. Brazil.	71 children whose mean age was not reported.
Parent report (n/N)	
Parent report (mean, SD)	11.2± 3.3
Child report (n/N)	
Child report (mean, SD)	
Control (n/N, %)	
Randomized Control Trial	
Wang, 2015. China.	82 children whose mean age was 2.11 years.
Parent report (n/N)	
Parent report (mean, SD)	
Child report (n/N)	
Child report (mean, SD)	

^an is the sample size who experienced complication; N is the total number of patients

^bGrey shading represents no relevant data captured in the study for that outcome

^cLAARP patients were compared with historical controls treated with PSARP between 1996 and 2000.

