

Supplemental Digital Content 1. Excerpt of the diary card showing how pain assessment tools were used and recorded in the study.

Assessment of immediate pain at vaccine injection (Prevenar 13® OR Synflorix®)

1. Numerical Rating Scale [NRS]

- to be completed by parent

Study staff to ask parents: "Tell me how much pain your child had during the injection of the vaccine from 0 to 10, where 0 is no pain, and 10 is worst possible pain"

NRS Score:

2. The Modified Behavioural Pain Scale [MBPS]

- to be completed by study staff

Item		Definition	Score
Facial Expression	0	Definitive positive expression, i.e. smiling	
	1	Neutral expression	
	2	Negative expression, i.e. grimace	
	3	Definite negative expression, i.e. furrowed brows, eyes closed tightly	
Crying	0	Laughing or giggling	
	1	Not crying	
	2	Moaning, quietly vocalizing, or gentle or whimpering cry	
	3	Full lunged cry or sobbing	
Body movements	0	Usual movements and activity	
	1	Resting and relaxed	
	2	Partial movement or attempt to avoid pain by withdrawing the limb where the puncture is done	
	3	Agitation with complex movements involving the head, torso or the other limbs, or rigidity	
Total MBPS Score (0 - 10)			

3. Duration of crying after vaccine administration

| | min

- to be completed by study staff