

The Keller Index of Nausea (KIN)

Bron: Keller, V. E. & Keck, J. F. (2006). An instrument for observational assessment of nausea in young children. *Pediatr.Nurs*, 32, 420-426.

Keller Index of Nausea

Alterations in affect and behaviors	Distress	Physiological Alterations
Decrease in activity	Restlessness	Increased respiratory rate
Puts hand over mouth	Crying	Loss of appetite
Puts hand over stomach	Nausea facial expression	Vomiting
Nausea posture/ positioning	Irritable/fussy	Retching/gagging
Refuses oral fluids		Cold sweating
		Skin feels cold to touch
		Changes in skin color (pallor or flushing)
		Drooling/salivation
		Frequent swallowing
		Tongue movements/ compressing or licking lips

Each indicator is scored 1 if it is observed and 0 if it is not. Therefore, the higher the total score, the greater the likelihood that nausea is actually present.

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