

Appendix 6 (as supplied by the authors): Comparison of original 2010 and 2015 Clinical Practice Guideline

2010 Clinical Practice Guideline	2015 Clinical Practice Guideline
Scope and Purpose	
Vaccine injections in childhood	Vaccine injections across the lifespan
Recommendations	
<i>1. Procedural interventions</i>	
Guidance regarding order of vaccine injections	Additional guidance across the lifespan
Guidance regarding aspiration and speed of injection	Additional guidance across the lifespan; <i>Removal of guidance regarding speed</i>
Guidance regarding simultaneous injections	Additional guidance across the lifespan
Guidance regarding brand of vaccine and tissue (intramuscular vs. subcutaneous) injected	<i>Removal of guidance</i>
	Additional guidance regarding body region for vaccine injection in infants
<i>2. Physical Interventions</i>	
Guidance on positioning	Additional guidance, including additional interventions, across the lifespan
Guidance on breastfeeding in infants	Additional guidance, including additional interventions, extension of age

Guidance regarding manual tactile stimulation	Additional guidance for vibrating devices; <i>Removal of manual tactile stimulation</i>
Guidance regarding vapocoolants	Additional guidance across the lifespan; <i>Age-specific recommendations</i>
Guidance regarding ice	<i>Removal of guidance</i>
	Additional guidance for warming the vaccine, non-nutritive sucking, muscle tension
3. Pharmacological Interventions	
Guidance regarding topical anesthetics	Additional guidance across the lifespan
Guidance regarding oral analgesics	Additional guidance across the lifespan
Guidance regarding sweet-tasting solutions in infants	Additional guidance, including additional interventions, extension of age
4. Psychological Interventions	
Guidance regarding clinician-led, parent-led and child-led distraction, parent coaching, breathing interventions, and combined psychological interventions	Additional guidance across the lifespan and separation of recommendations according to type of distraction; <i>Age-specific recommendations</i>
Guidance regarding interactions – use of suggestion	Additional guidance across the lifespan; Expanded to include reassurance and neutral language to signal impending procedure

5. Process Interventions	
	Additional guidance regarding education of clinicians, parents, individuals across the lifespan
	Additional guidance regarding parent presence during childhood vaccinations
6. Other	
	Additional guidance regarding specific combinations of interventions; e.g., breastfeeding and topical anesthetics
	Additional guidance regarding exposure therapy and applied tension in individuals with high levels of needle fear*

* McMurtry et al., under review