

Supplementary Table S1. Search Strategy for Databases.

Database	Search strategies	Results
PubMed	<p>Search: ((CHILD) AND (DISTRACTION)) AND (PAIN) Filters: English, Korean, Child: birth-18 years, from 2011/1/1 - 2019/7/31 Sort by: Most Recent (("child"[MeSH Terms] OR "child"[All Fields] OR "children"[All Fields] OR "child s"[All Fields] OR "children s"[All Fields] OR "childrens"[All Fields] OR "childs"[All Fields]) AND ("distract"[All Fields] OR "distractability"[All Fields] OR "distractable"[All Fields] OR "distracted"[All Fields] OR "distracter"[All Fields] OR "distracters"[All Fields] OR "distractibility"[All Fields] OR "distractible"[All Fields] OR "distracting"[All Fields] OR "distraction"[All Fields] OR "distractional"[All Fields] OR "distractions"[All Fields] OR "distractive"[All Fields] OR "distracts"[All Fields]) AND ("pain"[MeSH Terms] OR "pain"[All Fields])) AND ((2011/1/1:2019/7/31[pdat]) AND (english[Filter] OR korean[Filter]) AND (allchild[Filter]))</p> <p>Translations CHILD: "child"[MeSH Terms] OR "child"[All Fields] OR "children"[All Fields] OR "child's"[All Fields] OR "children's"[All Fields] OR "childrens"[All Fields] OR "childs"[All Fields] DISTRACTION: "distract"[All Fields] OR "distractability"[All Fields] OR "distractable"[All Fields] OR "distracted"[All Fields] OR "distracter"[All Fields] OR "distracter's"[All Fields] OR "distracters"[All Fields] OR "distractibility"[All Fields] OR "distractible"[All Fields] OR "distracting"[All Fields] OR "distraction"[All Fields] OR "distractional"[All Fields] OR "distractions"[All Fields] OR "distractive"[All Fields] OR "distracts"[All Fields] PAIN: "pain"[MeSH Terms] OR "pain"[All Fields]</p>	371
	<p>Search: ((child or children) AND (distraction intervention)) AND (needle-related pain or venipuncture pain or immunization pain) Filters: from 2011/1/1 - 2019/7/31 Sort by: Most Recent</p>	85
Embase	<p>Search: ('child'/exp OR 'child') AND ('distraction'/exp OR 'distraction') AND ('pain'/exp OR 'pain') AND ([controlled clinical trial]/lim OR [randomized controlled trial]/lim) AND [2011-2019]/py</p> <p>Search: ('children'/exp OR 'children') AND 'distraction intervention' AND 'needle-related pain' OR 'venipuncture pain' OR 'immunization pain' AND (2011:py OR 2012:py OR 2013:py OR 2014:py OR 2015:py OR 2016:py OR 2017:py OR 2018:py OR 2019:py) AND 'article'/it AND ([adolescent]/lim OR [child]/lim OR [infant]/lim OR [preschool]/lim OR [school]/lim) AND ('controlled clinical trial'/de OR 'human'/de OR 'randomized controlled trial'/de)</p>	106
	<p>Search: ('children'/exp OR 'children') AND 'distraction intervention' AND 'needle-related pain' OR 'venipuncture pain' OR 'immunization pain' AND (2011:py OR 2012:py OR 2013:py OR 2014:py OR 2015:py OR 2016:py OR 2017:py OR 2018:py OR 2019:py) AND 'article'/it AND ([adolescent]/lim OR [child]/lim OR [infant]/lim OR [preschool]/lim OR [school]/lim) AND ('controlled clinical trial'/de OR 'human'/de OR 'randomized controlled trial'/de)</p>	27
CINAHAL	<p>Search: 'CHILD' AND 'DISTRACTION' AND 'PAIN' Filters: Full Text; Peer-Reviewed; 20110101-20190731; English</p>	88
	<p>Search: 'children' AND 'distraction intervention' AND ('needle-related pain' OR 'venipuncture pain' OR 'immunization pain') Filters: Full Text; Peer-Reviewed; 20110101-20190731; English</p>	9