Records identified through database searching (n = 2354)

Records screened (n = 2354)

Records excluded (n = 2243)
Reasons: Irrelevant to the topic, not original studies, type of vaccine, duplicates.

Abstracts assessed for eligibility (n = 113)

Articles excluded (n = 70)
Reasons: Not valid study population 17, vaccine not included 7, no measure of knowledge belief or attitude 11, no measure of intention to vaccinate 29, no statistical analysis linking the variables 3, developing nations 4, not a primary study 3.

Full-text articles assessed for eligibility (n = 43)

Full-text articles excluded (n = 28)
Reasons: 2 had no valid measure of knowledge, belief or attitude [39,50]. 13 had no valid measure of the intention to vaccinate [40,41,51-61]. 6 had no statistical analysis linking knowledge, belief or attitude with intention to vaccinate [62-67]. 7 extracted data before 1 Feb. 1998 [68-74].

Studies included in final synthesis (n = 15)