

ABSTRACTS FOR ORAL PRESENTATIONS

A Systematic Review of Factors Influencing Parental Refusal or Delay in Childhood Vaccination

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Background: Vaccination is considered to be one of the most successful achievements of public health intervention either in developed or developing countries. "Vaccine hesitancy" is described as anyone who is suspected of vaccination or who chooses to delay or refuse vaccination. Nowadays, parental refusal or delay of childhood vaccines is increasing. The studies show that 77% of parents polled are reported of having concerns about one or more childhood vaccinations. It became a concern for the increased occurrence of vaccine preventable diseases in children.

Objective: This review aims to look into the reasons that parents refuse or delay to vaccinate their child. **Methods:** Electronic databases including Google Scholar, PubMed and Website of Science were searched for studies on factors influencing parental refusal or delay in childhood vaccination published between 2000 and 2017. The search terms representing factors influencing, parental refusal or delay, childhood and vaccination were used in combination. Relevant articles were extracted, synthesized, and critically appraised. **Results:** Through the various studies shown, parents proposed compliance with a range of vaccinations, including delayed vaccinations, rejection of certain vaccinations, or total refusal of immunization. Safety concerns account for the vast majority of the total number of refusal vaccines, and followed by personal beliefs or philosophical reasons, a desire for more information from healthcare providers, religious reason and socioeconomic

status. **Conclusion:** Healthcare providers played the important role of parental refusal or delay in childhood vaccination. They provide parents with the information they need to make the most informed decisions for their children. All healthcare workers should work

hard to understand the latest status of the recommended vaccines and understand why they are recommended. This information will enable parents to obtain reliable information face-to-face and help them make the best decisions for their children.