Safety of vaccines used for routine immunization in the United States

Citation

Authors' objectives
To conduct a systematic review of the literature on the safety of vaccines recommended for routine immunization of children, adolescents, and adults in the United States as of 2011.

Authors' conclusions
There is evidence that some vaccines are associated with serious adverse events; however, these events are extremely rare and must be weighed against the protective benefits that vaccines provide. Careful consideration should be given to the investigation of research gaps, including patient risk factors that may be associated with AEs; however, important factors must be taken into account when determining whether studies are warranted, including the severity and frequency of the AE being studied and the challenges of conducting sufficiently powered studies when investigating rare events.

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