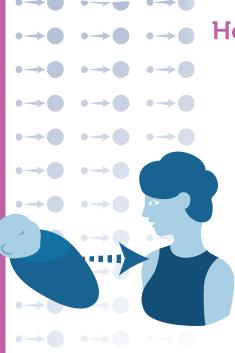
What about autism?

Many large studies have found vaccines do not cause autism



How do we know?

A number of high quality studies have compared the health of large numbers of vaccinated and unvaccinated children over many years. The largest study included 537,303 children born in Denmark and found that unvaccinated children were just as likely to develop autism as vaccinated children. When the results of this study were combined with the results of nine other studies to include medical information from nearly 1.5 million children living all around the world, researchers were able to confirm that vaccination could not be causing autism.²

Then, what causes autism?

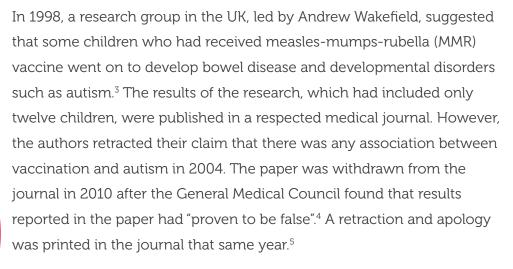
It is not known exactly why some children develop autism.

The idea that vaccination caused autism was attractive to some people who wanted to find a clear cause. However, this idea arose from a few studies that were badly conducted and have since been proven wrong. Current research suggests that autism cannot be explained by a single cause, but is probably due to a combination of developmental, genetic and environmental factors.









After it became clear that MMR vaccine was not the problem, some people suggested a preservative sometimes used in vaccines that are packaged in multi-dose containers might be linked to autism. The preservative, called thiomersal, is a salt that contains a tiny amount of mercury. The mercury salt in thiomersal is not the kind of mercury compound that accumulates in the human body. None of the vaccines normally given to children in Australia are packaged in multi-dose containers so none of them contain thiomersal or any other form of mercury. A study of children born in Yokohama, Japan found removing MMR vaccines from the childhood vaccination program didn't change the rates of autism there.⁶

About us

This information sheet was developed by a group of researchers called the SKAI Collaboration. It was written by Nina Chad PhD and Julie Leask PhD from the University of Sydney, Margie Danchin PhD from the University of Melbourne, Tom Snelling PhD from the Telethon Kids Institute, and Kristine Macartney MD and Melina Georgousakis PhD from NCIRS. SKAI is funded by the Australian Government Department of Health.

Further reading

talkingaboutimmunisation.org.au

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