

Measles infection

can erase immune memory from previous diseases, downplayed by anti-vaxxers who promote the lie that measles vaccine can cause autism.



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thetawithemily 3d

My daughter has measles!

Everyone around me is telling me to vaxx her and give her pharmaceuticals to help.

But I know that I can heal her more effectively, safely and non-invasively through energy healing.

That certain beliefs and stagnant energy is causing this physical manifestations, so changing her energy can clear the sickness.

[energyhealingkids](#)

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RESEARCH ARTICLE

Measles virus infection diminishes preexisting antibodies that offer protection from other pathogens

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The toll of measles on the immune system

Many of the deaths attributable to measles virus are caused by secondary infections because the virus infects and functionally impairs immune cells. Whether measles infection causes long-term damage to immune memory has been unclear. This question has become increasingly important given the resurgence in measles epidemics worldwide. Using a blood test called VirScan, Mina *et al.* comprehensively analyzed the antibody repertoire in children before and after natural infection with measles virus as well as in children before and after measles vaccination. They found that measles infection can greatly diminish previously acquired immune memory, potentially leaving individuals at risk for infection by other pathogens. These adverse effects on the immune system were not seen in vaccinated children.

Abstract

Measuring the consequences of measles on immune memory

Measles modulates the diversity of the antibody repertoire and causes loss of preexisting antibodies

Measles decreases the strength of epitope recognition

Measles disrupts recognition of pathogen epitopes across the cohort

The MMR1 vaccine does not impair the immune repertoire

Consequences of the antibody repertoire with high-transmission pathogens is spatially clustered

Science, this issue p. 599

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Antivaxxers like to lie and pretend that measles is like an episode of the Brady Bunch. In fact, it can be a serious condition, and thanks to antivaxxers, it is now making a comeback. In this video, Dr Susan Oliver, and birthday girl, Cindy the dog, go back to the science and cover the various complications of measles, which include death.

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Table 1. Comparison of the Risk of Complications Associated with Measles and the Risk of Serious Adverse Events after Measles Vaccination.*

Complication or Serious Adverse Event	Risk after Natural Disease†	Risk after Vaccination‡
Otitis media	7 to 9 per 100	0
Diarrhea	8 per 100	0
Pneumonia	1 to 6 per 100	0
Subacute sclerosing panencephalitis	4 to 11 per 100,000	0
Encephalitis	0.5 to 1 per 1000	<1 per 1,000,000
Death	Approximately 1 per 1000 (1 to 15 per 100 in developing countries)	0
Febrile seizure	—§	1 per 3000
Thrombocytopenic purpura	—§	1 per 30,000
Anaphylaxis	0	2 to 14 per 1,000,000

* Information is from the Institute of Medicine³⁵ and Pless *et al.*³⁶

† Risk is expressed as the number of events per number of cases of measles.

‡ Risk is expressed as the number of events per number of vaccine doses administered.

§ Complication has been described in measles case reports, but the risk is not well quantified.

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