



[An unusual case of vaccine-associated paralytic poliomyelitis](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4173946)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4173946>

The present article reports a case involving an immunocompetent, previously well child who, despite two previous doses of inactivated poliovirus vaccine, developed severe flaccid paralysis consistent with...

Cited by: 8

Author: S Desai, T Diener, Bj-K Tan, NJ Lowry, C ...

Publish Year: 2014

[Update on Vaccine-Derived Poliovirus Outbreaks — ...](https://www.cdc.gov/mmwr/volumes/68/wr/mm6845a4.htm)

<https://www.cdc.gov/mmwr/volumes/68/wr/mm6845a4.htm> ▾

Nov 14, 2019 · Vaccine-associated paralytic polio can occur in children who receive the vaccine, usually after the first dose, or in their susceptible close contacts, totaling about 2–4 cases per birth...

Cited by: 21

Author: Jaume Jorba

Publish Year: 2019

[Polio Vaccine: Vaccine-Derived Poliovirus | CDC](https://www.cdc.gov/vaccines/vpd/polio/hcp/vaccine...)

<https://www.cdc.gov/vaccines/vpd/polio/hcp/vaccine...> ▾



What Is A Vaccine-Derived ...

What Is Vaccine-Associated ...

Has VDPV B >

A vaccine-derived poliovirus (VDPV) is a strain of the weakened poliovirus that was initially included in oral polio vaccine (OPV) and that has changed over time and behaves more like the wild or naturally occurring virus. This means it can be spread more easily to people who are unvaccinated against polio and who come in contact with the stool or respiratory secretions, such as from a sneeze, of an infected person. These viruses may cause illness, including paralysis. For this reason, the global eradication of ...

[See more on cdc.gov](#)

Published: May 04, 2018

[Neurologic complications in oral polio vaccine recipients](https://pubmed.ncbi.nlm.nih.gov/3012055)

<https://pubmed.ncbi.nlm.nih.gov/3012055>

Between April 1982 and June 1983 four children 3 to 24 months of age were referred for evaluation of neurologic abnormalities found to be compatible with vaccine-related poliovirus...

Cited by: 14

Author: John W. Gaebler, Martin B. Kleiman, L.V....

Publish Year: 1986

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Limited duration of vaccine poliovirus and other ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2739212>

Aug 23, 2009 · Immunodeficient persons with persistent vaccine-related poliovirus infection may serve as a potential reservoir for reintroduction of polioviruses after wild poliovirus eradication, posing a risk ...

Cited by: 23

Author: Nino Khetsuriani, Rita Helfand, Mark Pallan...

Publish Year: 2009

[PDF] Chapter 12: Poliomyelitis - CDC

<https://www.cdc.gov/vaccines/pubs/surv-manual/chpt12-polio.pdf>

Laboratory studies, especially attempted poliovirus isolation, are critical for confirming whether a case of paralytic poliomyelitis is the result of wild or vaccine-related virus infection. Refer to Chapter 22,...

File Size: 378KB Page Count: 11

[PDF] Poliovirus Infection Case Reporting and Investigation Protocol

<https://www.dhs.wisconsin.gov/publications/p01977.pdf>

POLIOVIRUS INFECTION . I. IDENTIFICATION AND DEFINITION OF CASES A. Clinical Description:

Poliomyelitis is a highly infectious disease caused by three serotypes of poliovirus. Infection with... +

Update on Vaccine-Derived Poliovirus Outbreaks – Worldwide ...

<https://www.cdc.gov/mmwr/volumes/68/wr/mm6845a4.htm> ▾

Nov 14, 2019 · Vaccine-associated paralytic polio can occur in children who receive the vaccine, usually after the first dose, or in their susceptible close contacts, totaling about 2–4 cases per birth cohort of...

Cited by: 24

Author: Jaume Jorba

Publish Year: 2019 Estimated Reading Time: 10 mins

Poliomyelitis: Vaccine derived polio

<https://www.who.int/news-room/q-a-detail/poliomyelitis-vaccine-derived-polio> ▾

Apr 19, 2017 · Oral polio vaccine (OPV) contains an attenuated (weakened) vaccine-virus, activating an immune response in the body. When a child is immunized with OPV, the weakened vaccine-virus...

16-Jan-2021 03:42PM1043 words • 5 matches • 2 sources

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66283-Manuscript-File-revision - IT.doc

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Pediatric case with vaccine-related poliovirus infection: A case report

2

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Reza Taherkhani ^{1,2} and Fatemeh Farshadpour ^{1,2*}

4

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ABSTRACT

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BACKGROUND

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As long as oral poliovirus vaccine (OPV) is used, the potential risk for the emergence of vaccine-

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related polioviruses remains.

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CASE SUMMARY

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We report a case of Sabin-like type 1 poliovirus infection in an immunocompetent 17-month-old

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child after receiving four scheduled doses of OPV. Somehow, these four doses could not confer

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full protection may be due to interference created by the other enteroviruses.

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CONCLUSION

22

Match Overview

1Crossref 54 words
Fatemeh Farshadpour, Reza Taherkhani, "Molecular epidemiol
ogy of enteroviruses and predominance of echovirus 30 in s...

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2Crossref 39 words
Reza Taherkhani, Fatemeh Farshadpour, Mohammad Reza R
avanbod, "Vaccine-associated paralytic poliomyelitis in a pol...

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Pediatric case with vaccine-related poliovirus infection: A case repor



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[PDF] Poliovirus Infection Case Reporting and Investigation ...

<https://www.dhs.wisconsin.gov/publications/p01977.pdf>

POLIOVIRUS INFECTION . I. IDENTIFICATION AND DEFINITION OF CASES A. Clinical Description:

Poliomyelitis is a highly infectious disease caused by three serotypes of **poliovirus**. Infection with

poliovirus results in a spectrum of clinical manifestations from inapparent infection to nonspecific

Vaccine-associated paralytic poliomyelitis: a case report ...

<https://europepmc.org/articles/PMC2693609> ▾

Apr 01, 2007 · This report describes a case of acute flaccid paralysis after administration of oral **polio vaccine (OPV)**. A 4 month-old male patient with the decreased movement of left lower extremity for 1 month was transferred to the Department of Pediatrics. He received OPV with DTaP at 2 months of age.

Update on Immunodeficiency-Associated Vaccine-Derived ...

<https://www.cdc.gov/mmwr/volumes/69/wr/mm6928a4.htm> ▾

Jul 16, 2020 · Since establishment of the Global Polio Eradication Initiative* in 1988, **polio cases** have declined >99.9% worldwide; extensive use of live, attenuated oral **poliovirus vaccine (OPV)** in routine childhood immunization programs and mass campaigns has led to eradication of two of the three wild **poliovirus (WPV)** serotypes (types 2 and 3) (1).Despite its safety record, OPV can lead to rare ...

Author: Grace Macklin, Ousmane M Diop, As... Publish Year: 2020

Estimated Reading Time: 9 mins

[PDF] Chapter 12: Poliomyelitis - CDC

<https://www.cdc.gov/vaccines/pubs/surv-manual/chpt12-polio.pdf>

Laboratory studies, especially attempted poliovirus isolation, are critical for confirming whether a case of paralytic poliomyelitis is the result of wild or vaccine-related virus infection. Refer to Chapter 22, "Laboratory Support for Surveillance of Vaccine-Preventable Diseases" (<https://www.cdc.gov/vaccines/pubs/surv-manual/chpt22-lab-support.html>) for detailed information on laboratory testing for **poliovirus** ...

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