



# ASEAN BIODIASPORA VIRTUAL CENTER

## DISEASE ALERT

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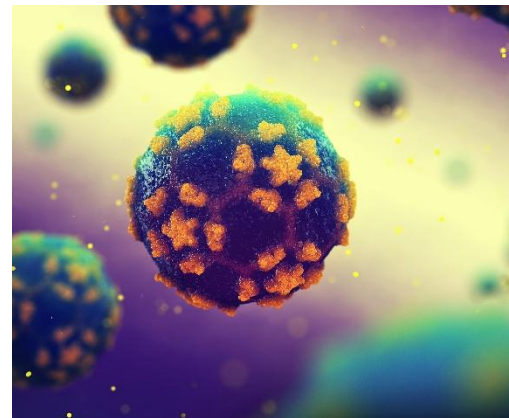
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February 10, 2025 | Issue No. 10

## First alert: February 10, 2025 | **Imported vaccine-associated Paralytic Poliomyelitis in Singapore**

### Event Description

On February 7, 2025, The Ministry of Health of Singapore has reported a case of vaccine-associated paralytic poliomyelitis in a five-month-old female infant from Indonesia who had arrived in the country on January 26, 2025 for medical treatment.



### Epidemiological Information

- On December 27, 2024, the patient developed fever, acute malaise and lower limb paralysis while in Indonesia. She had previously received one dose of oral polio vaccine (OPV) and one dose of inactivated polio vaccine (IPV) in Indonesia. The case was diagnosed as immunocompromised, while poliomyelitis was not suspected.
- On January 26, 2025, the patient was transferred for treatment of her symptoms and admitted directly to the National University Hospital (NUH) upon arrival in Singapore and immediately isolated. The case is currently in stable condition.
- On January 27, 2025, the patient's sample was tested using both laboratory culture isolation and RT-PCR methods to confirm the diagnosis.
- On February 7, 2025, the diagnosis was confirmed by the Ministry of Health of Singapore.
- Singapore has not reported any locally acquired cases of polio since 1978 and has maintained polio-free status by continuing high polio vaccination coverage, high standards of environmental hygiene and sanitation, and having an established surveillance system in place to detect possible cases of poliomyelitis.

## Response Measure

- Following the diagnosis, the individual was immediately isolated using standard infection control procedures to minimize the risk of transmission. As a safety measure, three people who had close contact with the individual, including family and caregivers, are currently in quarantine.
- In Singapore, the National Childhood Immunization Schedule (NCIS) mandates that children receive five polio vaccine doses. Infants are given three doses at two, four, and six months old, followed by booster shots at 18 months and again between 10 and 11 years of age.

### Sources:

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3. MoH Singapore. (2025, February 7). Imported Case of Vaccine-Associated Paralytic Poliomyelitis Infection in Singapore. <https://www.moh.gov.sg/newsroom/imported-case-of-vaccine-associated-paralytic-poliomyelitis-infection-in-singapore>
4. The Straits Times. (2025, February 8). Singapore's imported polio case: What is polio? How do I protect myself against it? <https://www.straitstimes.com/singapore/health/spores-imported-polio-case-what-is-polio-how-do-i-protect-myself-against-it>

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