

# Molecular and Clinical Comparison of Enterovirus D68 Outbreaks among Hospitalized Children, Ohio, USA, 2014 and 2018

## Appendix

**Appendix Table.** Enterovirus D68–positive patients who had neurologic manifestations during the 2018 outbreak, Nationwide Children’s Hospital, Columbus, Ohio.

Case	Age, y/sex	Race	Past medical history	Clinical presentation	Discharge diagnosis	Viral detection	Bacteria	Antiviral or immunomodulation Therapy	Imaging	PICU admission	Duration hospitalization, d	Outcome
1	0.09/F	Black	Perinatal HIV exposure (receiving AZT)	Fever & irritability	Viral meningitis	EV-D68 (NP) + Parechovirus (blood, CSF, superficial)	No	No	No	No	2.75	Alive
2	2.5/F	Black	No	Fever, URI† symptoms and seizures	Complex febrile seizure with URI†	EV-D68 (NP)	No	No	No	No	0.92	Alive
3	6.7/F	White	Nager syndrome	Fever, URI† symptoms, increased seizure activity	Seizures URI†	EV-D68 (NP)	No	No	No	Yes	3.74	Alive
4	1.8/M	White	Chromosome 2q24 deletion syndrome, Dravet syndrome	Fever, increased seizure activity, respiratory distress	Seizures Pneumonia	EV-D68 (NP)	No	No	No	No	1.24	Alive
5	0.6/M	Black	Gomez-Lopez-Hernandez syndrome	Fever, seizures, URI† symptoms	Seizures URI†	EV-D68 (NP)	No	No	No	No	1.82	Alive
6	4.0/F	White	No	Fever, GI symptoms, difficulty walking	Opsoclonus -mioclonus syndrome	EV-D68 (np†)	No	Methylprednisone for 5 d	Brain MRI normal	No	6.60	Alive

Case	Age, y/sex	Race	Past medical history	Clinical presentation	Discharge diagnosis	Viral detection	Bacteria	Antiviral or immunomodulation Therapy	Imaging	PICU admission	Duration hospitalization, d	Outcome
7	8.4/M	Other	No	Fever, upper limb weakness, headache	Viral myelitis	EV-D68 (NP)	ETT culture MSSA	IVIG 2gr/kg #2	Spine MRI: diffuse spine central gray abnormality	Yes	84	Alive
8	11.8/M	White	Asthma	Fever, arm weakness, URI†	Viral myelitis	EV-D68 (NP)	No	IVIG 1gr/kg #1	Spine MRI: Extensive gray matter abnormality	No	4.24	Alive

\*AZT, zidovudine; CSF, cerebrospinal fluid; ETT, endotracheal tube; EV-D68, enterovirus D68; GAS, group A *Streptococcus*; GI, gastrointestinal; IVIG, intravenous immunoglobulin; MRI, magnetic resonance imaging; MSSA, methicillin-susceptible *Staphylococcus aureus*; NP, nasopharyngeal swab sample; PICU, pediatric intensive care unit; URI, upper respiratory tract infection; +, positive.