**Acute Flaccid Myelitis: Patient Summary Form**

**FOR LOCAL USE ONLY**

Name of person completing form: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ State assigned patient ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Affiliation\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name of physician who can provide additional clinical/lab information, if needed \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Affiliation\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name of main hospital that provided patient’s care: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ State: \_\_\_\_\_ County: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***-------------------------------------------------------------DETACH and transmit only lower portion to*** [***AFMInfo@cdc.gov***](mailto:limbweakness@cdc.gov) ***if sending to CDC-------------------------------------------------------------***

**Acute Flaccid Myelitis: Patient Summary Form**

Form Approved

OMB No. 0920-0009

Exp Date: 08/31/2022

***Please send the following information along with the patient summary form:***🞎 *MRI report* 🞎 *MRI images* 🞎 Neurology consult note

**1**. Today’s date\_\_ \_\_/\_\_ \_\_/\_\_ \_\_ \_\_ \_\_ *(mm/dd/yyyy)* **2**. State assigned patient ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**3.** Sex: 🞎 M 🞎F **4.** Date of birth \_\_ \_\_/ \_\_ \_\_/ \_\_ \_\_ \_\_ \_\_ Residence: **5**. State\_\_\_\_\_\_\_ **6.** County\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**7**. Race: 🞎American Indian or Alaska Native 🞎Asian 🞎Black or African American **8**. Ethnicity: 🞎Hispanic or Latino

🞎Native Hawaiian or Other Pacific Islander 🞎White *(check all that apply)* 🞎Not Hispanic or Latino

**9.** Date of onset of limb weakness \_\_ \_\_/\_\_ \_\_/\_\_ \_\_ \_\_ \_\_ *(mm/dd/yyyy)*

**10**. Was patient admitted to a hospital? 🞎yes 🞎no 🞎unknown **11.**Date of admission to **first** hospital\_\_ \_\_/\_\_ \_\_/\_\_ \_\_ \_\_ \_\_

**12.**Date of discharge from **last** hospital\_\_ \_\_/\_\_ \_\_/\_\_ \_\_ \_\_ \_\_(or 🞎 still hospitalized at time of form submission)

**13**. Did the patient die from this illness? 🞎yes 🞎no 🞎unknown **14**. If yes, date of death\_\_ \_\_/\_\_ \_\_/\_\_ \_\_ \_\_

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SIGNS/SYMPTOMS/CONDITION:** | | | | | | | | |
|  | | Right Arm | | | Left Arm | | Right Leg | Left Leg |
| **15**. Weakness? [*indicate yes(y), no (n), unknown (u)* ***for each limb***] | | Y N U | | | Y N U | | Y N U | Y N U |
| **15a**. Tone in **affected** limb(s) [*flaccid, spastic, normal* ***for each limb***] | | 🞎 flaccid  🞎 spastic  🞎 normal  🞎 unknown | | | 🞎 flaccid  🞎 spastic  🞎 normal  🞎 unknown | | 🞎 flaccid  🞎 spastic  🞎 normal  🞎 unknown | 🞎 flaccid  🞎 spastic  🞎 normal  🞎 unknown |
|  | Yes | | No | Unk | |  | | |
| **16.** Was patient admitted to ICU? |  | |  |  | | **17.** If yes, admit date: \_\_ \_\_/\_\_ \_\_/\_\_ \_\_ \_\_ \_\_ | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **In the 4-weeks BEFORE onset of limb weakness, did patient:** | Yes | No | Unk |  |
| **18**. Have a respiratory illness? |  |  |  | **19**. If yes, onset date \_\_ \_\_/\_\_ \_\_/\_\_ \_\_ \_\_ \_\_ |
| **20**. Have a gastrointestinal illness (e.g., diarrhea or vomiting)? |  |  |  | **21**. If yes, onset date \_\_ \_\_/\_\_ \_\_/ \_\_ \_\_ \_\_ \_\_ |
| **22**. Have a fever, measured by parent or provider ≥38.0°C/100.4°F? |  |  |  | **23**. If yes, onset date \_\_ \_\_/\_\_ \_\_/\_\_ \_\_ \_\_ \_\_ |
| **24**. Have pain in neck or back? |  |  |  | **25**. If yes, onset date \_\_ \_\_/\_\_ \_\_/\_\_ \_\_ \_\_ \_\_ |
| **26**. At onset of limb weakness, does patient have any underlying illnesses? |  |  |  | **27.** If yes, list: |

|  |  |
| --- | --- |
| **Travel history:** | |
| 28. Did the patient travel outside of the US in the 30 days before the onset of limb weakness? | ¨ yes ¨ no ¨ unknown |
| 28a. If yes, list country/countries |  |

|  |  |
| --- | --- |
| **Polio vaccination history:** | |
| 29. Has the patient received polio vaccine? | ¨ yes ¨ no ¨ unknown |
| 29a. How many doses of **inactivated polio vaccine (IPV)** are **documented** to have been received by the patient before the onset of limb weakness? | doses ¨ unknown |
| 29b. How many doses of **oral polio vaccine (OPV)** are **documented** to have been received by the patient before the onset of limb weakness? | doses ¨ unknown |
| 29c. How many doses of **unknown type of polio vaccine** are **documented** to have been received by the patient before the onset of limb weakness? | doses ¨ unknown |

**Magnetic Resonance Imaging:**

**30.** Was MRI of spinal cord performed? 🞎 yes 🞎 no 🞎 unknown **31.** If yes, date of spine MRI: \_\_ \_\_/\_\_ \_\_/\_\_ \_\_ \_\_ \_\_

**32.** Did the spinal MRI show a lesion in at least some spinal cord gray matter? 🞎 yes 🞎 no 🞎 unknown

**33.** Was MRI of brain performed? 🞎 yes 🞎 no 🞎 unknown **34.** If yes, date of brain MRI: \_\_ \_\_/\_\_ \_\_/\_\_ \_\_ \_\_ \_\_

**CSF examination: 35**. Was a lumbar puncture performed? 🞎 yes 🞎 no 🞎 unknown

If yes, complete 35 (a,b) (*If more than 2 CSF examinations, list the first 2 performed)*

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Date of lumbar puncture | WBC/mm3 | % neutrophils | % lymphocytes | % monocytes | % eosinophils | RBC/mm3 | Glucose mg/dl | Protein mg/dl |
| **35a.** **CSF** from LP1 |  |  |  |  |  |  |  |  |  |
| **35b.** **CSF** from LP2 |  |  |  |  |  |  |  |  |  |

***At time of 60 day follow-up please collect and send the following information: for confirmed and probable cases***

🞎 *Discharge summary* 🞎 *History and physical (H&P)* 🞎 *Neurology consult notes* 🞎 *EMG report (if done)*

🞎 *Infectious disease consult notes (if available)* 🞎 *Vaccine registry record* 🞎 *Diagnostic laboratory reports*

**Acute Flaccid Myelitis Outcome – *complete follow-up for all reported persons under investigation (PUI) at 60 days after onset of limb weakness.***

**36**. Date of follow-up: \_\_ \_\_/\_\_ \_\_/\_\_ \_\_ \_\_ \_\_ *(mm/dd/yyyy)*

**37.** Impairment: 🞎 None 🞎 Minor (any minor involvement) 🞎 Significant (≤2 extremities, major involvement)

🞎 Severe (≥3 extremities and respiratory involvement) 🞎 Death 🞎 Unknown

**37a.** Date of death: \_\_ \_\_/\_\_ \_\_/\_\_ \_\_ \_\_ \_\_ *(mm/dd/yyyy)*

**38. Physical condition** (includes cardiovascular, gastrointestinal, urologic, endocrine as well as neurologic disorders):

1. Medical problems sufficiently stable that medical or nursing monitoring is not required more often than 3-month intervals
2. Medical or nurse monitoring is needed more often than 3-month intervals but not each week.
3. Medical problems are sufficiently unstable as to require medical and/or nursing attention at least weekly.
4. Medical problems require intensive medical and/or nursing attention at least daily (excluding personal care assistance)

**39.** **Upper limb functions**: Self-care activities (drink/feed, dress upper/lower, brace/prosthesis, groom, wash, perineal care) dependent mainly upon upper limb function:

1. Age-appropriate independence in self-care without impairment of upper limbs
2. Age-appropriate independence in self-care with some impairment of upper limbs
3. Dependent upon assistance in self-care with or without impairment of upper limbs.
4. Dependent totally in self-care with marked impairment of upper limbs.

**40.** **Lower limb functions**: Mobility (walk, stairs, wheelchair, transfer chair/toilet/tub or shower) dependent mainly upon lower limb function:

1. Independent in mobility without impairment of lower limbs
2. Independent of mobility with some impairment of lower limbs, such as needing ambulatory aids, a brace or prosthesis
3. Dependent upon assistance or supervision in mobility with or without impairment of lower limbs.
4. Dependant totally in mobility with marked impairment of lower limbs.

**41.** **Sensory components**: Relating to communication (speech and hearing) and vision:

1. Age-appropriate independence in communication and vision without impairment
2. Age-appropriate independence in communication and vision with some impairment such as mild dysarthria, mild aphasia or need for eyeglasses or hearing aid.
3. Dependent upon assistance, an interpreter, or supervision in communication or vision
4. Dependent totally in communication or vision

**42.** **Excretory functions** (bladder and bowel control, age-appropriate):

1. Complete voluntary control of bladder and bowel sphincters
2. Control of sphincters allows normal social activities despite urgency or need for catheter, appliance, suppositories, etc.
3. Dependent upon assistance in sphincter management
4. Frequent wetting or soiling from bowel or bladder incontinence

**43.** **Support factors**:

1. Able to fulfil usual age-appropriate roles and perform customary tasks
2. Must make some modifications in usual age-appropriate roles and performance of customary tasks
3. Dependent upon assistance, supervision, and encouragement from an adult due to any of the above considerations
4. Dependent upon long-term institutional care (chronic hospitalization, residential rehabilitation, etc. Excluding time-limited hospitalization for specific evaluation or treatment)

**Acute Flaccid Myelitis case definition**

(<https://cdn.ymaws.com/www.cste.org/resource/resmgr/ps/ps2021/21-ID-02_AFM.pdf>)

**Clinical Criteria**

An illness with onset of acute flaccid\* limb weakness ***AND***

Absence of a clear alternative diagnosis attributable to a nationally notifiable condition.

*\* Low muscle tone, limp, hanging loosely, not spastic or contracted.*

**Confirmatory laboratory/imaging evidence:**

MRI showing spinal cord lesion with predominant gray matter involvement\* and spanning one or more vertebral segments, ***AND***

Excluding persons with gray matter lesions in the spinal cord resulting from physician diagnosed malignancy, vascular disease, or anatomic abnormalities.

**Presumptive laboratory/imaging evidence:**

MRI showing spinal cord lesion where gray matter involvement\* is present but predominance cannot be determined, ***AND***

Excluding persons with gray matter lesions in the spinal cord resulting from physician diagnosed malignancy, vascular disease, or anatomic abnormalities.

**Supportive laboratory/imaging evidence:**

MRI showing a spinal cord lesion in at least some gray matter\* and spanning one or more vertebral segments, ***AND***

Excluding persons with gray matter lesions in the spinal cord resulting from physician diagnosed malignancy, vascular disease, or anatomic abnormalities.

*\* Spinal cord lesions may not be present on initial MRI; a negative or normal MRI performed within the first 72 hours after onset of limb weakness does not rule out AFM. Terms in the spinal cord MRI report such as “affecting mostly gray matter,” “affecting the anterior horn or anterior horn cells,” “affecting the central cord,” “anterior myelitis,” or “poliomyelitis” would all be consistent with this terminology.*

**Other classification criteria**

Autopsy findings that include histopathologic evidence of inflammation largely involving the anterior horn of the spinal cord spanning one or more vertebral segments.

**Vital Records Criteria**

Any person whose death certificate lists acute flaccid myelitis as a cause of death or a condition contributing to death.

**Case Classification**

***Confirmed:***

Meets clinical criteria with confirmatory laboratory/imaging evidence, ***OR***

Meets other classification criteria.

***Probable:***

Meets clinical criteria with presumptive laboratory/imaging evidence.

***Suspect:***

Meets clinical criteria with supportive laboratory/imaging evidence, ***AND***

Available information is insufficient to classify case as probable or confirmed.

**Acute Flaccid Myelitis specimen collection information**

(<https://www.cdc.gov/acute-flaccid-myelitis/hcp/specimen-collection.html>)

**Acute Flaccid Myelitis job aid**

(<https://www.cdc.gov/acute-flaccid-myelitis/downloads/job-aid-for-clinicians-508.pdf>)