**Motor Development**

Report obtained by

[ ]  Self

[ ]  Parent

[ ]  Physician

[ ]  Record Review

[ ]  Other, Specify:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Motor DevelopmentTable**

| Milestone | Achieved? | Certainty of Response | Age Achieved (in months) | Certainty of Response |
| --- | --- | --- | --- | --- |
| Roll both ways | [ ]  Yes[ ]  No | [ ]  Certain/ Definite[ ]  Best recollection[ ]  Unknown/ Uncertain | Data to be filled out by site | [ ]  Certain/ Definite[ ]  Best recollection[ ]  Unknown/ Uncertain |
| \*Maintain seated position unsupported | [ ]  Yes[ ]  No | [ ]  Certain/ Definite[ ]  Best recollection[ ]  Unknown/ Uncertain | Data to be filled out by site | [ ]  Certain/ Definite[ ]  Best recollection[ ]  Unknown/ Uncertain |
| Crawl – four point | [ ]  Yes[ ]  No | [ ]  Certain/ Definite[ ]  Best recollection[ ]  Unknown/ Uncertain | Data to be filled out by site | [ ]  Certain/ Definite[ ]  Best recollection[ ]  Unknown/ Uncertain |
| Walk with hand held or assistive device | [ ]  Yes[ ]  No | [ ]  Certain/ Definite[ ]  Best recollection[ ]  Unknown/ Uncertain | Data to be filled out by site | [ ]  Certain/ Definite[ ]  Best recollection[ ]  Unknown/ Uncertain |
| \*\*Walk alone (without assistive device) | [ ]  Yes[ ]  No | [ ]  Certain/ Definite[ ]  Best recollection[ ]  Unknown/ Uncertain | Data to be filled out by site | [ ]  Certain/ Definite[ ]  Best recollection[ ]  Unknown/ Uncertain |
| Reaches for object | [ ]  Yes[ ]  No | [ ]  Certain/ Definite[ ]  Best recollection[ ]  Unknown/ Uncertain | Data to be filled out by site | [ ]  Certain/ Definite[ ]  Best recollection[ ]  Unknown/ Uncertain |
| Self Feeds | [ ]  Yes[ ]  No | [ ]  Certain/ Definite[ ]  Best recollection[ ]  Unknown/ Uncertain | Data to be filled out by site | [ ]  Certain/ Definite[ ]  Best recollection[ ]  Unknown/ Uncertain |
| Uses spoon | [ ]  Yes[ ]  No | [ ]  Certain/ Definite[ ]  Best recollection[ ]  Unknown/ Uncertain | Data to be filled out by site | [ ]  Certain/ Definite[ ]  Best recollection[ ]  Unknown/ Uncertain |

\*Element is classified as Core

\*\*Element is classified as Supplemental – Highly Recommended

**Non-motor Development**

Does/didthe participant/ subject have any of the following:

* 1. Attention Deficit Hyperactivity Disorder (ADHD) or Attention Deficit Disorder (ADD)?

[ ] Yes

[ ] No

[ ] Unknown

* 1. Delayed acquisition of language/communication milestones, diagnosed by a physican?

[ ] Yes

[ ] No

[ ] Unknown

* 1. Delayed acquisition of cognitive milestones, diagnosed by a physician?

[ ] Yes

[ ] No

[ ] Unknown

* 1. Social delay?

[ ] Yes

[ ] No

[ ] Unknown

* 1. Hand preference before 12 months of age?

[ ] Yes

[ ] No

[ ] Unknown

* 1. Abnormality of the gait noted by parents or a physician at the time the child began walking?

[ ] Yes [ ] No [ ] Unknown

**General Instructions**

Information is gathered based on self-report from the participant/subject, family member or physican

## **Specific Instructions**

Please see the Data Dictionary for definitions for each of the data elements included in this CRF Module.

* Clinical event/milestone - For each milestone record whether the participant/subject achieved it, age achieved in months (if applicable). "Maintained seated position unsupported" is Core; “Walk alone (without assistive device)”is Supplemental – Highly Recommended
* Achieved – Choose one for each milestone
* Age achieved – For each milestone achieved, record the age in months when it was achieved.

High-quality evidence exists for gross and fine motor skills at 90th percentile ages suggesting they may be useful in identifying delays. All milestones chosen for this chart have high quality evidence.

References:

Dosman CF, Andrews D, Goulden KJ. Evidence-based milestone ages as a framework for developmental surveillance. Paediatr Child Health. 2012;17(10):561–568.

Sheldrick RC, Perrin EC. Evidence-based milestones for surveillance of cognitive, language, and motor development. Acad Pediatr. 2013;13(6):577–586.